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s.NQ	department	Development during the year 2022- 2 Name of the Workshop/ Seminar	Number of Participants	Date (From - To)
1	MBA	World Entreprenuers day celebration	100	21-08-2022
2	CE	Finishing School Program Phase I Total Station	54	07-12-2022 to 08-12-202
3	EEE	One Day Guest Lecture on "Design and Testing of converters for renewable energy systems"	60	17-09-2022
4	EEE	One Day Guest Lecture on "Recent trends in Design and Control of Electric Vehicles"	110	21-10-2022
5	EEE	3 day hybrid workshop on EV Technology - Hands on Experience	120	21-12-2022 to 23-12-2022
5	EEB	3 day workshop on "Application of Arduino & ESP 32 Micro Controller in Multidisciplinary Engineering	90	15-03-2023 to 17-03-2023
7	EEE	CEMS Phase -I-Basics of Power Systems	61	06-08-2022 to 24-12-2022
}	EEE	CEMS Phase -III Industrial Automation	34	06-08-2022 to 24-12-2022
)	EEE	CEMS Phase -II-Basics of Induction Motors	69	24-12-2022 to 27-05-2023
	EEE	CEMS Phase -IV Industril IOT	30	24-12-2022 to 27-05-2023
	EEE	SOC-Mat lab	72	22-08-2022 tp 03-12-2022
2	EEE	SOC-PLC	69	16-01-2023 to 29-03-2023
3	ME	Three Day -FDP On Research Article Writing and Recent Trends in Mechanical Engineering	33	14-07-2022 to 16-07-2022
4	ME	Two –Day Workshop on Drone Technology	89	03-11-2022 to 04-11-2022
5	ME	3 - Day Online Faculty Development Program on Emerging Trends in Mechanical Engineering	80	22-12-2022 to 24-12-2022
6	ME	Guest Lecture on Electric Vehicles	46	14-03-2023
	ME	Project Show Case'	111	16-03-2023
	ME	Three day Workshop on 3D Printing	50	04-04-2023 to 06-04-2023
	ME	CEMS- Phase -1- NX CAD	39	06-08-2022 to 24-12-2022
	ME	CEMS- Phase -2- Mechatronics	45	24-12-2022 to 27-05-2022
	ME	CEMS- Phase -3 - Product Lifecycle Management (PLM)	57	06-08-2022 to 24-12-2022
	ME	CEMS- Phase -4- Industrial Robotics	50	24-12-2022 to 27-05-2022
	ME	Online certification	111	-
	ME	MOOC's SOC- III	67	-
	ME	Technical Paper Writing	67	25-07-2022 to 12-11-2022
_	ME	Computer Aided Analysis SOC- IV	67	12-12-2022 to 01-04-2023.
-	ECE	Technical Paper Writing	120	30-08-2022
	ECE	IoT workshop with Arduino	100	12-09-2022 to 14-09-202
	ECE	TechSpardha 2023	250	03-03-2023 to 04-03-202
	ECE	CEMS: Hands on training on Embedded system using C	135	05-03-2022 to 04-06-2022
	ECE	CEMS: Hands on training on PCB Design	135	07-10-2022 to 20-01-2023
_	ECE	CEMS: Hands on training on PLC & SCADA	65	20-08-2022 to 20-01-2023
3	CSE	A Three Day Workshop on AWS	120	30-06-2022 to 02-07-2022
	CDL	Career Readiness and Cracking Hackathons and Ideathons Towards Opportunities	120	27-07-2022
	Science)	Online Workshop on LaTeX	90 .	29-09-2022
6	CSE	Python Full Stack in association with ACM Student Chapter and Brain O Vision	20	19-01-2023 to 21-01-2023
	COL	A Two day Workshop on Cybersecurity in association with Indian Servers	120	27-01-2023 to 28-01-2023
-		Infosys Springboard Awareness program on Online Certification	120	22-02-2023
		Expert talk on Employability Skills & Personality Development	120	23-02-2023
0		Changing Evolution of IT	120	25-02-2023
1		Exploring the Boundaries of Intra and Interpersonal Communication Workshop	473	15-04-2023



.24 Divector

N.S. Raju Institute of Technology (A) Sontyam, ViJakhayatnam-531173



Name of the Workshop : A Three Days Workshop on AWS

Date : 30-06-2022 to 02-07-2022

Venue : CSE Seminar Hall

Organized by CSI NSRIT Student Chapter in association with Brain O Vision

Resource Person: Mr.R.Nagendra, Trainer, Brain O Vision Solutions Pvt Ltd, Hyderabad

Participants : 120 students from III B.Tech CSE I Semester and faculties from CSE Dept



Student participants along with faculty from CSE during the 3 days workshop on AWS



Faculty-CSE Dept along with trainers from Brain O Vision-AWS workshop



Recognized under Section 2(f) & 12(8) of the UGC Act, 1956 Accredited by NAAC with 'A' Grade

Name of the Workshop : Career Readiness and Cracking Hackathons and Ideathons Towards Opportunities

Date : 27-07-2022

Venue : CSE Seminar Hall

Organized by CSI NSRIT Student Chapter

Resource Person: Dr.P.E.S.N.Krishna Prasad, Professor, HOD CSE, ANITS Visakhapatnam

Participants : Prefinal year students from CSE/CSM/CSD



Prefinal Year students from CSE/CSM/CSD during the session on Career Readiness and Cracking Hackathons and Ideathons Towards Opportunities by Dr. Krishna Prasad



Name of the Workshop : Online Workshop on LaTeX

Date : 29-09-2022

Venue : Virtual Mode

Organized by Dept of CSE(Data Science)

Resource Person: Mr.P.Muralidhara Rao,Asst.Prof, Dept of Computational Intelligence, School of CSE,VIT University, Vellore

Participants : Prefinal year students from CSE/CSM/CSD



Brochure of the workshop



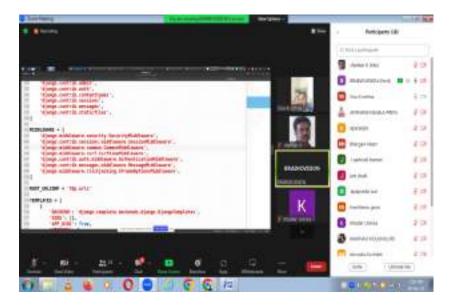
Mr.P.Muralidhara Rao Online workshop on LaTex through Zoom



Presentation of online session of LaTeX

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada) Recognized under Section 2(1) & 12(8) of the USC Act, 1956) Accredited by NAC with '4' Grade

Name of the Workshop : A Three Day FDP on Python Full Stack – Online Mode
 Date : 19-01-2023 to 21-01-2023
 Venue : Virtual Mode - Zoom
 Organized by CSI SB, ACM Student Chapter and Brain O Vision Solutions Pvt Ltd, Hyderabad
 Resource Person: Mr.B.Vijay Kumar, Trainer, Brain O Vision Solutions Pvt Ltd, Hyderabad
 Participants : HOD-CSE and faculties from Dept of CSE



Participants attending FDP on Python Full Stack in Zoom platform



(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada) Recognized under Section 2(f) & 12(8) of the UCC Act, 1956 Accredited by NAAC with 'A' Gra

Name of the Workshop : A Two Day Workshop on Cyber Security

Date : 27-01-2023 to 28-01-2023

Venue : CSE Seminar Hall

Organized by Computer Society of India (CSI), ACM in association with Indian Servers

Resource Person: Mr.Sai Satish, Founder and CEO, Indian Servers

Participants: 120 students from II B.Tech CSE II Semester and faculty from CSE department



Brochure of Cyber Security Workshop



Mr.Sai Satish taking session on 27-01-2023



Participants at Cyber Security Workshop



Dr.R.Srinivas, HOD CSE and Mr.K.Shankar-Coordinator presenting memento to Mr.Sai Satish



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Name of the Workshop : Pen to Paper : Writing Technical Research Papers

Date : 04-02-2023

Venue : CSE Seminar Hall

Organized by : Dept of CSE, Computer Society of India (CSI) and ACM

Resource Person: Dr.Shanmukh Srinivas, Prof, CSE Dept, GITAM University, Visakhapatnam

Participants: 120 students from II B.Tech CSE II Semester and CSE department faculty



Brochure



Dr. Shanmukh Srinivas addressing the session



Dr. Srinivas addressing student queries



Student engaged with hands on session during the workshop



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Name of the Workshop : Infosys Springboard Awareness Program on Online Certifications

Date : 22-02-2023

Venue : CSE Seminar Hall

Organized by : Dept of CSE, Computer Society of India (CSI) and ACM

Resource Person: Mr.Satyam, Senior Software Engineer, Infosys Bangalore

Participants: 120 students from III B.Tech CSE II Semester and CSE department faculty



Students participation at Infosys Springboard Awareness Program on Online Certification



Mr.Satyam,Sr.Software Engineer, Infosys addressing student query



Infosys Springboard Awareness Program on Online Certification on 22-02-2023 at CSE Seminar Hall



(Approved by ALC I C, New Deini & Permanentity Athliated to JN I UN, Naknada) Recognized under Section 2(f) & 12(8) of the UGC Act, 1956 Accredited by NAAC with 'A' Grad

Name of the Workshop : Expert talk on Employability Skills & Personality Development

Date : 23-02-2023

Venue : CSE Seminar Hall

Organized by : Dept of CSE, Computer Society of India (CSI) and ACM

Resource Person: Dr. S.V.Ramana, Asst.Prof, GVPCE(A), Visakhapatnam

Participants: 120 students from III B.Tech CSE II Semester and CSE department faculty





Brochure

Dr.Ramana delivering session



Student Participants at the Employability Skills and Personality Development Expert Talk on Feb 23rd 2023 at CSE Seminar Hall





Name of the Workshop : Expert talk Changing evolution of IT

Date : 25-02-2023

Venue : CSE Seminar Hall

Organized by : Dept of CSE, Computer Society of India (CSI) and ACM

Resource Person: Mr.I.Prasanna Kumar, DEVOPS Consultant, RSS Solutions, Hyderabad

Participants: 120 students from III B.Tech CSE II Semester and CSE department faculty



Brochure



CSE Students participating in the session



Mr.I.Prasanna Kumar addressing the session



Report on the Webinar on Battery Thermal Management System

Topic: Battery Thermal Management System

Purpose: To enhance the Skills of Faculty and Student members.

Conducted by: Department of Mechanical Engineering

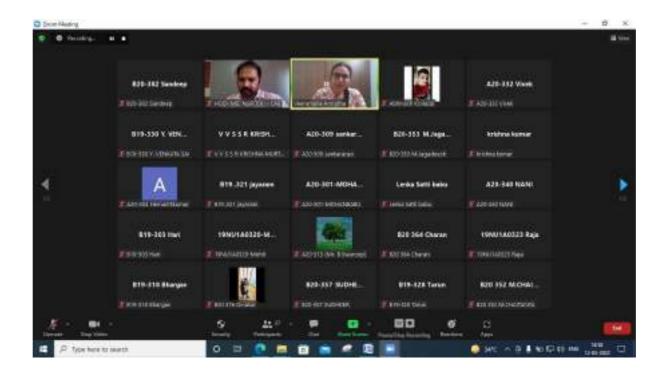
Submitted by: Dr. P.N.E. Naveen, Assoc. Prof and HOD.

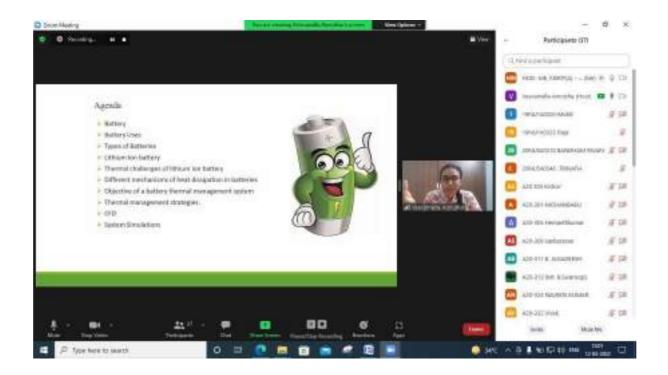
Date and time: Saturday, 12.03.2022 Time: 03:00p.m.- 4:30 p.m.

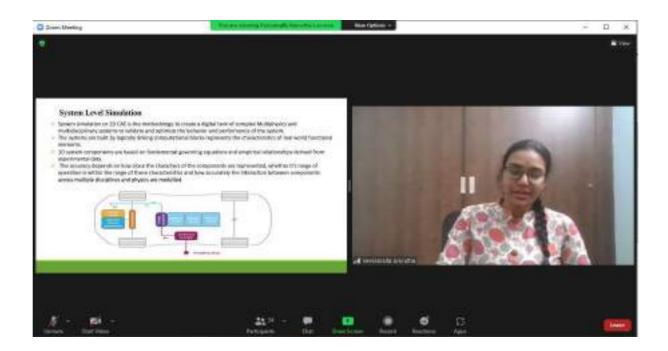
Participants: 41 members attended

Attendance Screen Shots:









Conclusion:

In this webinar the resource person mainly focused on Battery and Management System, applications and how it is useful to the Mechanical Systems.

Sincere thanks to the Management, Director and Principal for giving us an opportunity to conduct this webinar and help the students to get awareness this.

Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173

Dr. P.N.E. Naveen, Assoc. Prof & HOD.

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Report on the Webinar on 3D Printer

Topic: **3D Printer**

Purpose: To enhance the Skills of Faculty and Student members.

Conducted by: Department of Mechanical Engineering

Submitted by: Dr. P.N.E. Naveen, Assoc. Prof and HOD.

Date and time: March. 25, 2022 Time: 10:00 a.m.- 12:30 p.m.

Participants: 45 members attended

Attendance Screen Shots:















Conclusion:

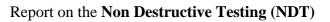
In this webinar the resource person mainly focused on 3 D Printer, applications and how it is useful to the Mechanical applications.

Sincere thanks to the Management, Director and Principal for giving us an opportunity to conduct this webinar and help the students to get awareness this.

Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173

Dr. P.N.E. Naveen, Assoc. Prof & HOD.

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Topic: NDT

Purpose: To enhance the Skills of Students.

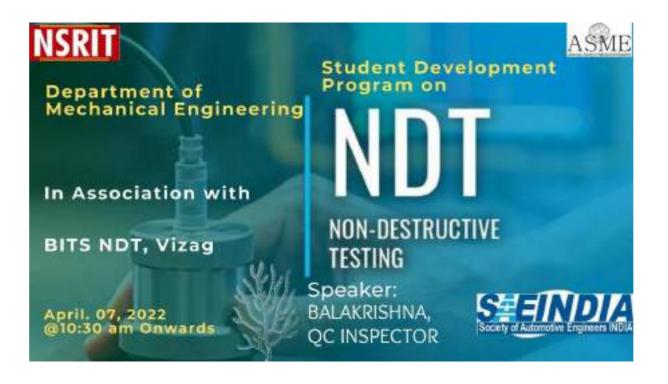
Conducted by: Department of Mechanical Engineering

Submitted by: Dr. P.N.E. Naveen, Assoc. Prof and HOD.

Date and time: April. 07, 2022 Time: 10:30 a.m.- 12:30 p.m.

Participants: 56 members attended

Attendance Screen Shots:







Conclusion:

In this Student Development Program (SDP) the resource person mainly focused on Non Destructive Testing (NDT), applications, methods and how it is useful to the Mechanical applications.

Sincere thanks to the Management, Director and Principal for giving us an opportunity to conduct this SDP and help the students to get awareness in this.



Dr. P.N.E. Naveen, Assoc. Prof & HOD.

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Report on the Three-day FDP on "Research Article Writing and Recent Trends in Mechanical Engineering" from 14-16 July, 2022

Topic: Research Article Writing and Recent Trends in Mechanical Engineering

Purpose: To enhance the paper writing skills in disciplinary and interdisciplinary fields for the faculty members. To gain knowledge on 3D printing and its applications in current fields.

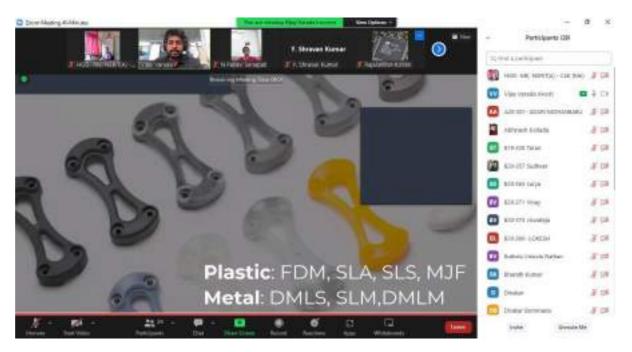
Conducted by: Department of Mechanical Engineering

Submitted by: Dr. Pallavi, Assistant. Prof and Dr. Raghu Ram Mohan Reddy, Convener 3-Day FDP on Article Writing and Recent Trends in Mechanical Engineering.

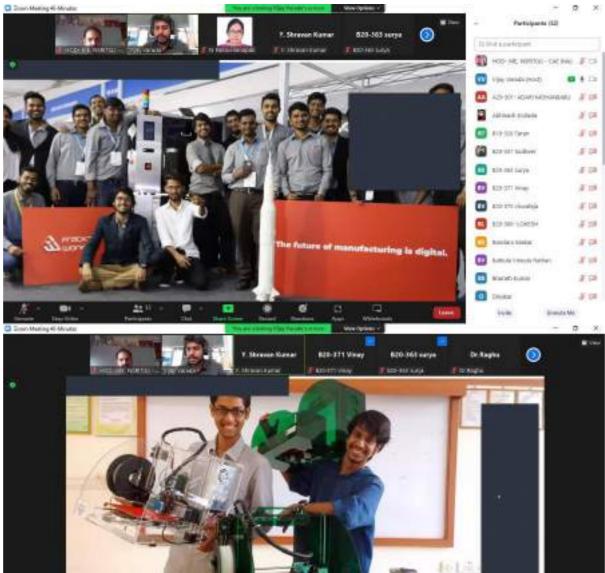
Date and time: 14th July 2022 Time- 2:30 p.m.-4:30 p.m., 15th July 2022 Time- 2:30 p.m.-4:30 p.m. and 16th of July 2022 Time: 11:00 a.m.- 1:00 p.m.

Participants: 33 participants on Day-1, 29 participants on Day-2 and 30 participants on Day-3.

Day-1 Screen Shots:



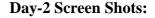




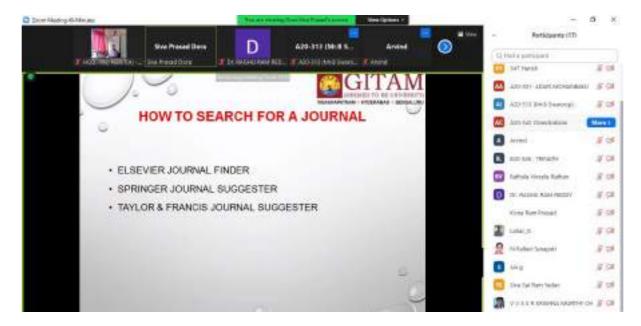


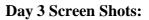


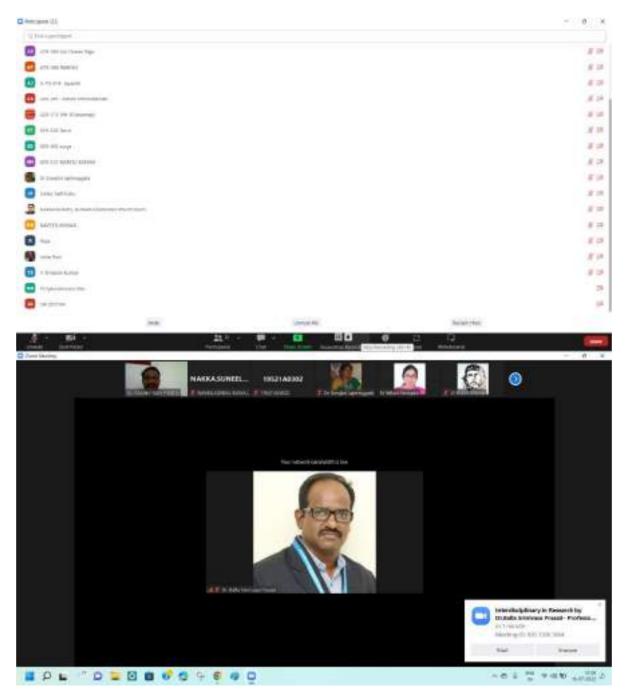






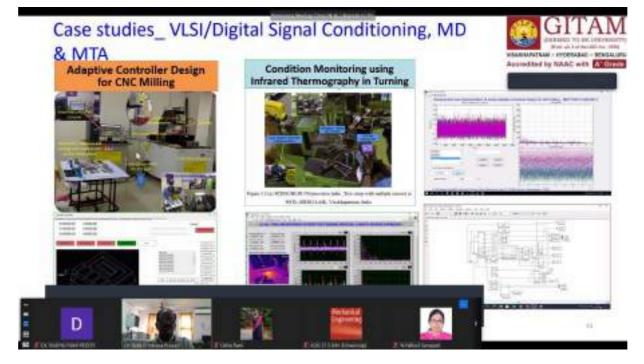














Conclusion:

In this Faculty Development Program (FDP), on the first day that is on 14-07-2022, the resource person mainly focused on basics of 3D printing, its use in the current fields and entrepreneurship. The use of 3D printing in medical, fashion industry, physiotherapy has been well explained. On day-2 15-07-2022, the resource person explained about the journal metrics and databases. The SCI, Scopus and Web of Science indexed journals; importance of impact factor, H-index and number of citations has been well explained. On the day-3, the resource person explained about interdisciplinary in research where different disciplines can be combined, different methods can be implemented for effective research has been explained in detail.

Sincere thanks to the Management, Director and Principal for giving us an opportunity to conduct this FDP and help the students to get awareness in this.

Dr. Pallavi, Assistant. Prof Dr. Raghu Ram Mohan Reddy, Convener. FDP ME - NSRIT

Head of the Department

Head of the Depinteering Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173



Department of Mechanical Engineering

Three-Day FDP Schedule (14-16 July, 2022)

	Time	Resource Person	Торіс
Day – 1 (14-07-2022)	02:30 pm to 04:30 pm	Mr. Vijay Raghav Varada, CEO and Founder of Fracktal Works, Bengaluru	3D Printing
Day – 2 (15-07-2022)	02:30 pm to 04:30 pm	Dr. D. Siva Prasad, Professor, Dept. of Mechanical Engineering, GITAM University, VSP	Journal Metrics and Databases
Day – 2 (16-07-2022)	10:30 am to 12:30 am	Prof. Balla Srinivasa Prasad, Dept. of Mechanical Engineering, GITAM University, VSP	Interdisciplinary in Research

Note: Through online mode.

About the College

Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) was established by Sree Veera Venkata Satyanarayana Educational Society in the year 2008. NSRIT offers quality education and technical competencies with the strong foundation of values, ideals and rich culture to the students across the country and beyond. NSRIT has been recognized under section 2(f) & 12 (B) of the UGC Act, 1956 and conferred with 'A' grade by NAAC with CGPA of 3.10/4.00.

About the Department

The Department of Mechanical Engineering was formed in the year 2008. The Department has started B. Tech Programme with an initial intake of 60 in the year 2008 and 120 from 2010. The department has 24 qualified teaching staff with 05PhD's. The faculty members are involved in research activities and published/presented papers in national and international journals and conferences.

Theme of FDP

The Theme of the FDP on Research Article Writing and Recent Trends in Mechanical Engineering gives a conceptual idea about recent technologies in additive manufacturing field that constructs a three-dimensional object from a CAD model or a digital 3D model. manufacturing enables Additive the fabrication structurally complex of components without using a mold, which significantly improves production efficiency and manufacturing flexibility and how to write a research article. The article publication in a reputed journal is mandate based on metrics.

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Dr. P. N.E. Naveen, Associate Professor, HOD, ME

CO CONVENER

Dr. K. Raghu Ram Mohan Reddy, Professor, ME Dr. N. Pallavi Senapati, Assistant Professor, ME

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Resource Persons:

Day 1: Mr. Vijay Raghav Varada, CEO and Founder Fracktal works, Bangalore Day 2:

Dr. D. Siva Prasad, Professor, Mechanical Engineering Department, GITAM University, VSP Day 3:

Prof. Balla Srinivasa Prasad, Mechanical Engineering Department, GITAM University, VSP



Registration Link: Inttps://forms.gle/EjDLsQaJihgeDD386

Three Day -FDP On

Research Article Writing and Recent Trends in Mechanical Engineering

14-16th July-2022



Autonomous

Organized by Department of Mechanical Engineering

> In Association with





NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY Sontyam, Pendurthi, Anandapuram Highway, Visakhapatnam - 531173, Andhra Pradesh, India.

TWO DAY WORKSHOP ON DRONE TECHNOLOGY

ORGANISED BY

Department of Mechanical Engineering

November 03-04, 2022





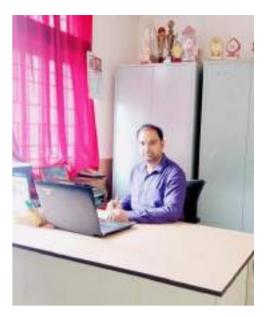


1. ...

Vision

• To train the students to be professional and competent Mechanical Engineers to take up the challenges in the society and strive continuously for excellence in education and research

Mission



- To provide quality education for successful career and higher studies in Mechanical Engineering
- To emphasize academic and technical excellence in the profession
- To take up consultancy and research in solving the problems related to Mechanical Engineering

PROGRAM EDUCATIONAL OBJECTIVE (PEOs)

The PEOs are the educational goals that reflect Professional and Career Accomplishments that a graduate hould attain after 4 – 5 years of his/her graduation.

The graduates of Mechanical Engineering of NSRIT will

- 1. PEO #1: Continue to excel in professional mechanical related careers or chosen career path that apply 21 st century skills following ethical standards and practices contributing towards sustainable development by providing feasible and viable technical solutions catering the real-time engineering problems
- 2. PEO #2: Engage in experiential learning through their professional practices and adapt to changing skills sets in the pursuit of lifelong learning
- 3. PEO #3: Continue to demonstrate the skill sets that are very much essential to work successfully for a rewarding career in a multidisciplinary setting

What is a Drone ?

A drone is an unmanned aircraft. Drones are more formally known as unmanned aerial vehicles (UAVs) or unmanned aircraft systems. Essentially, a drone is a flying robot that can be remotely controlled or fly autonomously using software-controlled flight plans in its embedded systems, that work in conjunction with onboard sensors and a global positioning system (GPS).

How do drones work?

Drones have two basic functions: flight mode and navigation.

To fly, drones must have a power source, such as battery or fuel. They also have rotors, propellers and a frame. The frame of a drone is typically made of a lightweight, composite material to reduce weight and increase maneuverability.

Drones require a controller, which lets the operator use remote controls to launch, navigate and land the aircraft. Controllers communicate with the drone using radio waves, such as Wi-Fi.

What types of drones are available?

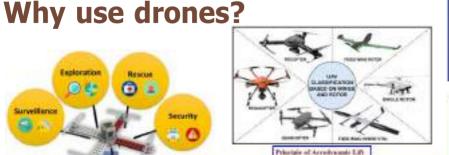
There are two main types of drone platforms:

rotor, including single-rotor and multi-rotor, such as tricopters, quadcopters,

hexacopters and octocoptors; and

fixed-wing, which include the hybrid vertical takeoff and landing (VTOL) drones that don't require runways.

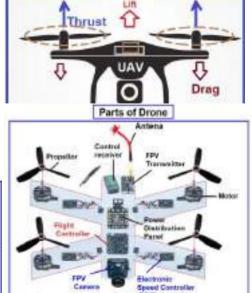
Nonmilitary drones are generally either personal and hobbyist ones or commercial aircraft.

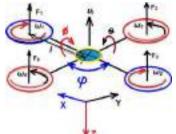


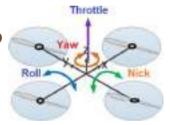
Acceptance

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MR. T.T.V.S.E. KRISHNA KUMAR ASSISTANT PROFESSOR

MR.CH.V.V.S.S.R.K. MURTHY ASSISTANT PROFESSOR

MR. K. ABHINASH ASSISTANT PROFESSOR

MR. G. SIVA SAI RAM ASSISTANT PROFESSOR

MR P. SAI RADHA KRISHNA ASSISTANT PROFESSOR

MR. S. SANYASI RAO ASSISTANT PROFESSOR

CONTACT US

😟 www.nsrit.edu.in



TWO DAY WORKSHOP ON

Drone Technology

03-04, November 2022



ORGANISED BY

Department of Mechanical Engineering

In Association with

Yamini infinity Drones, Visakhapatnam

Collaboration with



NSRIT STUDENT SECTION

CONVENOR

DR. P.N.E. NAVEEN

Head of the Department

COORDINATORS

MRS. B. USHA RANI Sr. Assistant Professor

MR. K. RAM PRASAD Assistant Professor



A Report on Two –Day Workshop on Drone Technology

for IInd & III rd year B.Tech Mechanical Students

Convener: Dr. P.N.E Naveen, Assoc .Professor, HOD

Coordinator: Mrs. B. Usha Rani, Sr. Asst. Professor Mr. K. Ram Prasad, Asst. Professor

Resource Person: Mr. Likith Reddy Yamini Infinity Drone,Visakhapatnam

Organized & Managed By: Department of Mechanical Engineering , NSRIT Engineering College , Sontyam

Date: 03rd & 4th November, 2022



Introduction:

Department of Mechanical engineering from NSRIT Engineering College arranged Two day Workshop for Vth & IIIrd Semester students on "**Drone Technology**" dated 03rd & 4th November, 2022 for better technical knowledge enhancement of students.

Workshop is important especially important in the field of Engineering as the practice of engineering has an inherent (and unavoidable) impact on society. These programs can be a powerful tool to constitute a positive industrial climate and can range from basic manufacturing system programs for students. Overall, the aim of all these visit to trains the students to adapting to changing scenario of technology. After Workshop students can identify their own efficiency and performance which important for their career, improving work efficiency and confidence.

Purpose:

Workshop are an integral part of Engineering and acknowledgment of technological up gradation. The purpose of Workshop for students is to provide technical knowledge with the rom technically manning sensitive military areas to luring hobbyists throughout the world, drone technology has developed and prospered in the last few years. Individuals, commercial entities, and governments have come to realize that drones have multiple uses Drones are small remotely controlled aerial vehicles, **i.e.**, they are unmanned aerial vehicles. They look like helicopters or reconnaissance aircraft and, without a doubt, one of their strengths is the many different applications for which they can be used.





What We Learn? :•

03rd & 4th November, 2022 learnt Drones are unmanned aerial vehicle. Drones are kind of air vehicle which fly without any actual pilot or crew on board. So, it is often referred as unpiloted aircraft.UAV (Unmanned Aerial Vehicle) are made up of light composite materials which reduce their weight and increase their strength and maneuverability. Initially drones were only used by military. Now it is used by many professional and individuals.Drones are used in various fields. Areas in which drones can be used are construction, defense, photography, marketing, delivery, agriculture, rescue, entertainment etc.





Conclusion:•

From this Workshop, we got the information and practical knowledge about Drone Assembly, Kinematic involved and Battery thermal Management System in Drone Technology . They got the idea how Kinematic system works are made in Technology and it's GPS Process.

About 89 students of Vst & IVth Semester Mechanical Engineering Students of NSRIT Engineering College, & faculty members benefited from this Workshop as they got chance to discussion with Resource Person. Students were eagerly to say organizing this type of Workshop for practical exposure which is shows the success.

Program Outcomes (POs)

PO Addr	Weightage	
P01	Engineering Knowledge	3
PO2	Problem Analysis	1
PO3	Design/Development of Solutions	3
PO4	Investigation of Complex Problems	1
PO5	Modern Tool Usage	3
PO6	The Engineer and Society	3
PO7	The Environment and Sustainability	2
PO8	Ethics	2
PO9	Individual and Team Work	3
PO10	Communication	2
PO11	Project Finance and Management	2
Po12	Life Long Learning	3
PSO 1	Demonstrate adequate core competency in designing and fabricating mechanical systems thermal and hydraulic machines, materials and similar others, and thereby providing sustainable computer aided solutions maintaining professional standards and value system	3
PSO 2	Demonstrate adequate knowledge in the allied specialization of Mechanical Engineering that adds value addition for professional practices	3

Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173

Visakhapatnam-o.5

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Report on the Three-day FDP on "Research Article Writing and Recent Trends in Mechanical Engineering" from 14-16 July, 2022

Topic: Research Article Writing and Recent Trends in Mechanical Engineering

Purpose: To enhance the paper writing skills in disciplinary and interdisciplinary fields for the faculty members. To gain knowledge on 3D printing and its applications in current fields.

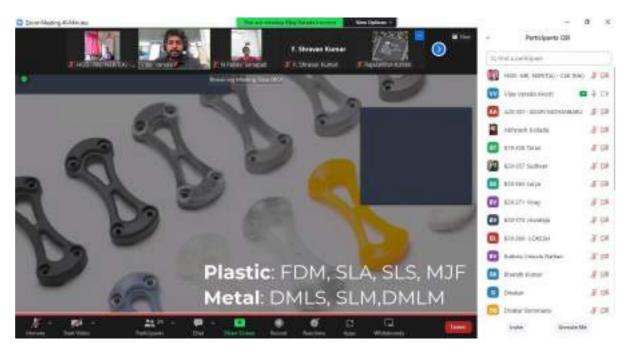
Conducted by: Department of Mechanical Engineering

Submitted by: Dr. Pallavi, Assistant. Prof and Dr. Raghu Ram Mohan Reddy, Convener 3-Day FDP on Article Writing and Recent Trends in Mechanical Engineering.

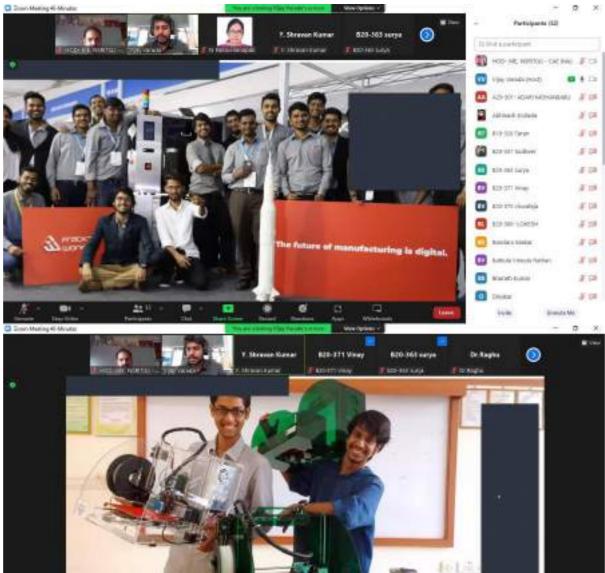
Date and time: 14th July 2022 Time- 2:30 p.m.-4:30 p.m., 15th July 2022 Time- 2:30 p.m.-4:30 p.m. and 16th of July 2022 Time: 11:00 a.m.- 1:00 p.m.

Participants: 33 participants on Day-1, 29 participants on Day-2 and 30 participants on Day-3.

Day-1 Screen Shots:



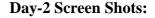




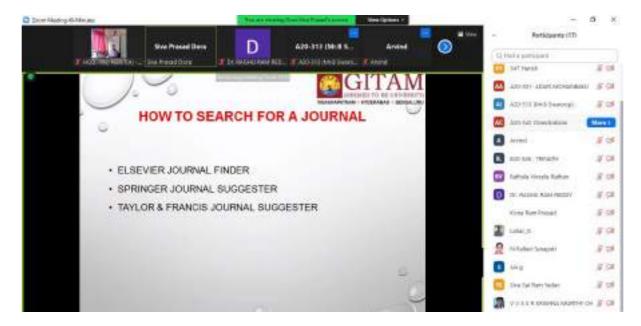


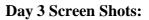


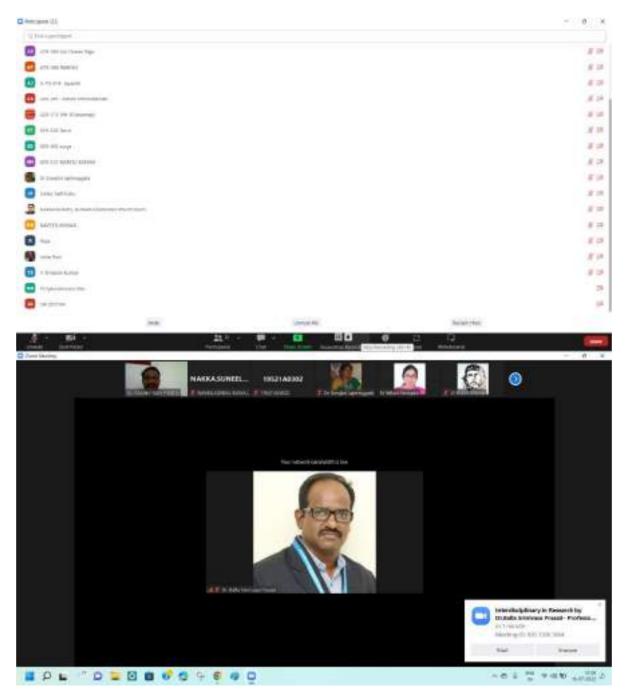






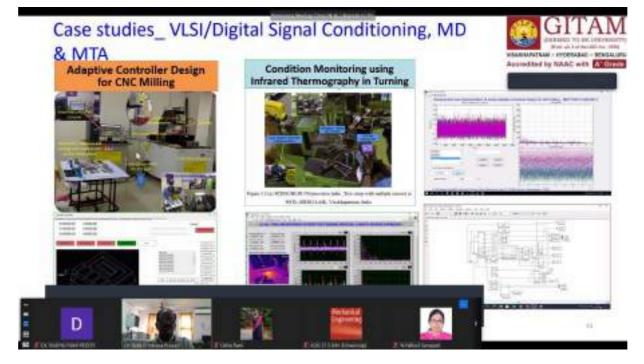














Conclusion:

In this Faculty Development Program (FDP), on the first day that is on 14-07-2022, the resource person mainly focused on basics of 3D printing, its use in the current fields and entrepreneurship. The use of 3D printing in medical, fashion industry, physiotherapy has been well explained. On day-2 15-07-2022, the resource person explained about the journal metrics and databases. The SCI, Scopus and Web of Science indexed journals; importance of impact factor, H-index and number of citations has been well explained. On the day-3, the resource person explained about interdisciplinary in research where different disciplines can be combined, different methods can be implemented for effective research has been explained in detail.

Sincere thanks to the Management, Director and Principal for giving us an opportunity to conduct this FDP and help the students to get awareness in this.

Dr. Pallavi, Assistant. Prof Dr. Raghu Ram Mohan Reddy, Convener. FDP

ME - NSRIT

Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173

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12/10/2022 14:39:53		Associate Professor		pne.naveen@gmail.com	Ns	Me	Ok			
12/10/2022 14:43:29	Usha Rani	Sr. Assistant Professor	+919000920131	usharani.me@nsrit.edu.in	NSRIT	Mechanical	Yes			
12/10/2022 15:42:28	RAMAKRISHNA RAVADA	Assistant Professor	9100241541	ramakrishna.r@lendi.org	Lendi INSTITUTE of ENG	Mechanical engineering				
12/13/2022 16:46:51	SURADA SANYASIRAO	Assistant Professor	9292556602	ssraome.1@gmail.com	Vignan's Institute of Infor	Mechanical Engineering				
12/20/2022 22:55:18	V V S S R KRISHNA MU	Assistant Professor	9908266061	krishnamurthy.me@nsrit.edu.in	Nadimpalli Satyanarayan	Mechanical				
12/20/2022 22:57:48	NAKKA SUNEEL KUMAR	Assistant Professor	9666963486	nsuneel.me@nsrit.edu.in	Nadimpalli Satyanarayan	Mechanical	No			
12/20/2022 23:14:22	DEGALA RAJENDRA	Sr. Assistant Professor	8309936158	rajendra343@gmail.com	SRI PADMAVATI MAHILA	Mechanical Engineering	Thanks for ur information	given to me.		
12/20/2022 23:33:58	PHANI KUMAR SIMHAD	Assistant Professor	9866701200	sphani.me@anits.edu.in	ANIL NEERUKONDA INS	MECHANICAL ENGINEE	RING			
12/21/2022 0:35:46	K S L SOUJANYA	Assistant Professor	9177215713	kslsoujanya.mech@gmail.com	ANITS College	Mechanical Engineering				
12/21/2022 0:45:44	P.H.J.VENKATESH	Assistant Professor	9573984796	venky61788@gmail.com	VIIT(A)	MECHANICAL ENGINEE	RING			
12/21/2022 4:54:00	Dr. Virender Singh	Assistant Professor	8950320585	drvirendersingh.ece@nsrit.edu.in	NSRIT Visakhapatnam	ECE				
12/21/2022 6:12:30	Konari Rajasekhar	Assistant Professor	9010663282	rajasekhar.ece@nsrit.edu.in	Nadimpalli Satyanarayan	Electronics and Communi				
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12/21/2022 6:50:18	Varada Usha Rani	Assistant Professor	07893914607	varadausha27@gmail.com		EEE				
12/21/2022 7:04:31	PANDI THIMOTHY	Associate Professor		pandi.mark123@gmail.com	Lendi Institute of Enginee	Mechanical Engineering				
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	Dr. K. Raja Rao	Assistant Professor	8871597261	krajarao218@gmail.com	Lendi Institute of Enginee	Mechanica Engineering				
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12/21/2022 8:38:59		Professor	09618191331	Sharma.avns@gmail.com		Dean Student Affairs				
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12/23/2022 15:30:04	RAJAMAHANTI SURYA K	Assistant Professor	+919014166673	rskirannaac@gmail.com	SITAM-SANKETIKA TEC	Mechanical Engineering	Yes			
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N Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173



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Department of Mechanical Engineering

A Report on

Guest Lecture on Electric Vehicles

Department of Mechanical engineering from NSRIT Engineering College arranged a guest lecture by Dr. Sendhil Kumar Natarajan, NIT - Puducherry on Electric Vehicles for IVth & VIth Semester (B.Tech. 2^{nd} and 3^{rd} Year) students on date 14th March, 2023 from 2.00 P.M – 3.30 P.M at Block2 Seminar Hall. Guest Lectures helps the students to learn something new and innovate. These programs help in thinking outside the box by presenting new ideas and thoughts programs for students.

The recourse person explained about 1. The importance and applications of Electric Vehicles 2. Solar energy, solar ponds and PV cell 3. Explained how to do Projects and apply patents on these fields.

Some of the advantages of Electric Vehicles are as follows (a) No fuel required so you save money on gas (b) Environmental friendly as they do not emit pollutants (b) Lower maintenance due to an efficient electric motor.

Also explained how to do Projects and apply patents on these fields by taking two project works done under his guidance in these fields .

PO's and PSO's covered are PO1-PO12, PSO1 and PSO2



THREE DAY WORKSHOP ON **3 D PRINTING**



Speaker : Dr M V A Raju Bahubalendruni National Institute of Technology, Puducherry

Convenor:

Dr P.N.E. Naveen Head of the Department

Coordinator :

Mr. K. Ramprasad Mr. T. Krishna Kumar

ORGANISED BY

Department of Mechanical Engineering APRIL 04-06, 2023







Vision

• To train the students to be professional and competent Mechanical Engineers to take up the challenges in the society and strive continuously for excellence in education and research

Mission



- To provide quality education for successful career and higher studies in Mechanical Engineering
- To emphasize academic and technical excellence in the profession
- To take up consultancy and research in solving the problems related to Mechanical Engineering

PROGRAM EDUCATIONAL OBJECTIVE (PEOs)

The PEOs are the educational goals that reflect Professional and Career Accomplishments that a graduate hould attain after 4 - 5 years of his/her graduation.

The graduates of Mechanical Engineering of NSRIT will

- 1. PEO #1: Continue to excel in professional mechanical related careers or chosen career path that apply 21 st century skills following ethical standards and practices contributing towards sustainable development by providing feasible and viable technical solutions catering the real-time engineering problems
- 2. PEO #2: Engage in experiential learning through their professional practices and adapt to changing skills sets in the pursuit of lifelong learning
- 3. PEO #3: Continue to demonstrate the skill sets that are very much essential to work successfully for a rewarding career in a multidisciplinary setting

What is 3D Printing ?

3D printing or additive manufacturing is a process of making three dimensional solid objects from a digital file.

How Does 3D Printing Work?

It all starts with a 3D model. You can opt to create one from the ground up or download it from a 3D library.

Examples of 3D Printing

I3D printing encompasses many forms of technologies and materials as 3D printing is being used in almost all industries you could think of. It's important to see it as a cluster of diverse industries with a myriad of different applications.

A few examples:

- consumer products (eyewear, footwear, design, furniture)
- – industrial products (manufacturing tools, prototypes, functional end-use parts)
- dental products
- prosthetics
- - architectural scale models & maquettes

Types of 3D Printing Technologies and Processes

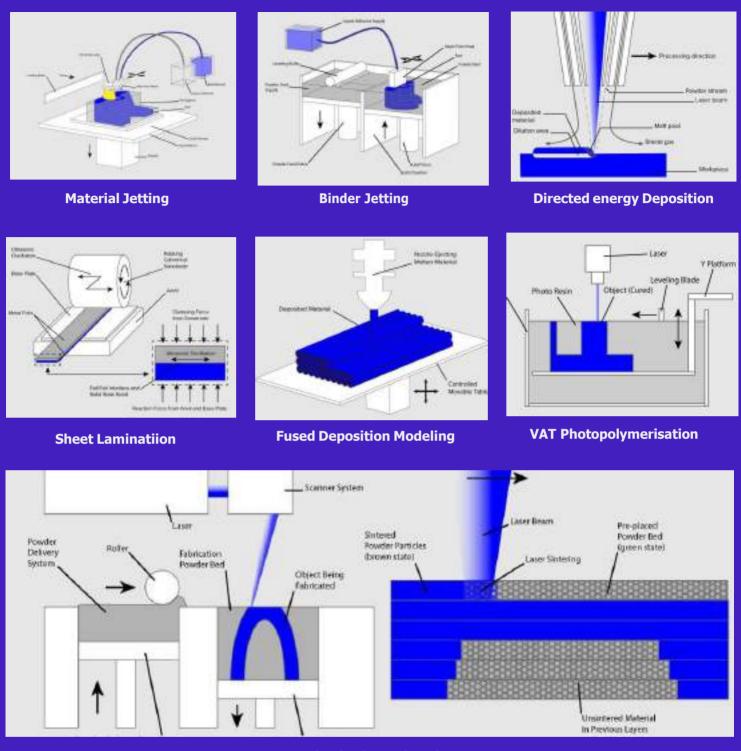
The American Society for Testing and Materials (ASTM), developed a set of standards that classify additive manufacturing processes into 7 categories. These are:

- 1. Vat Photopolymerisation
 - a. Stereolithography (SLA)
 - b. Digital Light Processing (DLP)
 - c. Continuous Liquid Interface Production (CLIP)
- 2. Material Jetting
- 3. Binder Jetting
- 4. Material Extrusion
 - a. Fused Deposition Modeling (FDM)
 - b. Fused Filament Fabrication (FFF)
- 5. Powder Bed Fusion
 - a. Multi Jet Fusion (MJF)
 - b. Selective Laser Sintering (SLS)
 - c. Direct Metal Laser Sintering (DMLS)
- 6. Sheet Lamination





3 D Printer



Selective laser sinterimg

IN ASSOCIATION WITH

Dyno - PTS, Design and Engineering Solutions Pvt. Ltd.







NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY NSRIT (AUTONOMOUS)



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Department of Mechanical Engineering

Three Day workshop on 3D Printing

Program Schedule (APRIL 04-06, 2023)

Day -1:

Morning session

09:00 am to 01:00pm	:	Inauguration
09:30 am to 01:00pm	:	Introduction to 3D Printer and Introduction to CATIA
01:00 pm to 02:00pm	:	Lunch
	Aftern	oon session
02:00 pm to 03:30pm	:	Different additive manufacturing process (Online), sketching, in CATIA.
Day -2:	Morn	ing session
09:30 am to 01:00pm		Part modeling etc. in CATIA.
01:00 pm to 02:00pm	:	Lunch
02:00 pm to 03:30pm		noon session Hands on Experience of CAD Tools
Day -3:	Morn	ing session
09:30 am to 01:00pm	:	Introduction to 3D Printing hardware and software
		Hands on experience of 3D printing software
01:00 pm to 02:00pm	:	Lunch
02:00 pm to 03:00pm		noon session Practical on 3D Printer to make different mechanical part or article like key chain and understand how to operate machine,
03:00 pm to 03:30pm	:	Collecting feedback, Vote of thanks, issuing of certificates to students



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Department of Mechanical Engineering

A Report on

THREE DAY WORKSHOP ON 3 D PRINTING for lind and lilrd year B.Tech. Mechanical Students

Convenor : Dr. P.N.E. Naveen Head of the Department

Coordinator : Mr. Kona Ram Prasad Mr. T. Krishna Kumar

Resource Persom Mr. Inturi Prakash, Dynopts Design and Engineering Solutions Private Limited

> Speaker : Dr M V A Raju Bahubalendruni National Institute of Technology, Puducherry

Organized & Managed By: Department of Mechanical Engineering , NSRIT Engineering College , Sontyam

APRIL 04-06, 2023

Introduction:

Department of Mechanical engineering from NSRIT Engineering College arranged Three day Workshop on 3D Printing for IInd & IIIrd Year B.Tech., Mechanical Engineering students from 04th & 06th April, 2023. 3D printing or additive manufacturing is the construction of a three-dimensional object from a CAD model or a digital 3D model. It can be done in a variety of processes in which material is deposited, joined or solidified under computer control, with material being added together (such as plastics, liquids or powder grains being fused), typically layer by layer. has developed significantly and can now perform crucial roles in many applications, with the most common applications being manufacturing, medicine, architecture, custom art and design, and can vary from fully functional to purely aesthetic applications.

Benefits of 3D Printing

Additive manufacturing or 3D printing has rapidly gained importance in the field of engineering due to its many benefits. Some of these benefits include enabling faster prototyping, reducing manufacturing costs, increasing product customization, and improving product quality.

Furthermore, the capabilities of 3D printing have extended beyond traditional manufacturing, with applications in renewable energy systems. 3D printing technology can be used to produce battery energy storage systems, which are essential for sustainable energy generation and distribution.

Another benefit of 3D printing is the technology's ability to produce complex geometries with high precision and accuracy. This is particularly relevant in the field of microwave engineering, where 3D printing can be used to produce components with unique properties that are difficult to achieve using traditional manufacturing methods.

At the end of this workshop the student is able to design his model in CATIA and do a prototype component by using the 3D Printing machine.

Purpose:

The purpose of Workshop for students is to workshop was to enhance the caliber of students for a recent requirement in the field of Manufacturing Process and aware about 3D printing technology. 3D printing allows for the design and print of more complex designs than traditional manufacturing processes. 3D printing offers a way for students to truly connect to the subject matter by physically manipulating ready-printed teaching aids or by designing tools themselves

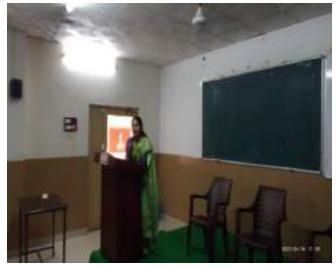
Conclusion:•

A total of 50 students have participated in this workshop and they are divided into 5 batches (5 different models and prototypes). At the end of this workshop the student is able to design their model in CATIA and do a prototype component by using the 3D Printing machine.

PO's and PSO's covered are PO1-PO12 and PSO1















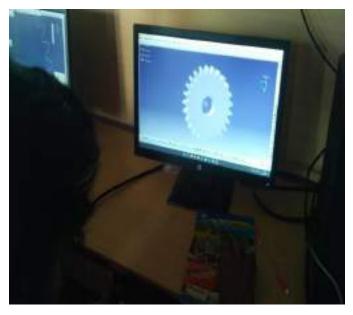




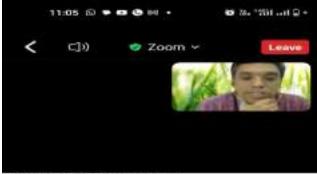












Why we should learn 3D printing









Participanta

Chat

Reactions

Shart Video

Unmute

Dr. M V A Raju Bahubalendruni's screen







Dr. M V A Raju Bahubalendruni's screen

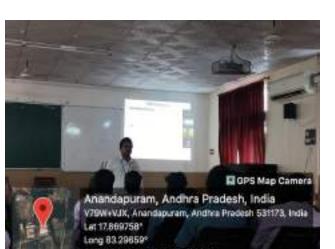












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ఎస్ఎస్ఆర్ ఐటి కళాశాలలో త్రీడి ప్రింటింగ్ వర్మ్ షాప్

విశారాం(థ−ఆనందపురం: మందలం లో శోంక్యం నందు నదించల్లి పత్య నారాయణ రాజు ఇంజనీరింగ్ కళా අපත් ඛාෂාබර් ශාශාවිපති విభాగంలో ఎథిల్ 4 నుండి 6వ తేదీ వరకు త్రీడీ (పింటింగ్ వర్మ్ షాపులు



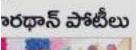
జరిగాయి. ఈ కార్యక్రమంలో విధాగాధిపతి దాక్షర్ పి ఎన్ ఈ నవీన్ ముఖ్య ఐతిథగా హాజరై మాట్లారుడూ ప్రస్తుత రోజుల్లో బ్రీ ఓ మింటింగ్ ఉన్నతస్వాయిని పొందాయని వివరించారు. దానికి పంబంధించిన అప్రికేషన్స్ కూడా భారీగా పెరిగే అవకాశం ఉందని ముఖ్యంగా హౌస్పెటల్లో మానవ అవయవాలు మావ్చే ప్రత్రీయలో ఛాగంగా డ్రీడి థ్రింటింగ్ అత్యవసరమని, (ప్రస్తుతం ఇది సాధ్యం కానపుటికీ బెక్సాలజీ అభివృది చెందుతూ ఉంటుంది కాబట్టి భవిష్మశ్లలో దీనికి మరింత దిమాంద్ పెరిగే అవకాళం ఉందని వేగం సామర్థ్యం, సరళత, రాబోయే కాలంలో దీనికి ఆదరణ మరింత ఎక్కువగా పెరుగుతుందని తెలిపారు కార్యక్రమంలో భాగంగా 50 మంది విద్యార్థులు పాల్గొని అధునికరణమైన నైపుణ్యతను అథ్యసించుటకు కృషి చేస్తున్నారని శిక్రణ జన్నున్న ప్రకాష్ చైనోపిటిఎఫ్ (పైవేట్ లిమిటెడ్ దాళ్లర్ ఎం రాజు వాహుబలేంద్రుడిని నేషనల్ ఇనిన్యూట్ టెక్నాలజ్ పుదుచ్చేరి (పత్యేకమైన ధన్యవాదాలు శెళిపారు. కార్యక్రమంలో కళాశాల డైరెక్టర్ దాజ్లర్ రాజా మురుగదాస్ యాజమాన్యం భ్రజరర్ కనకరాజు, పెక్రటరీ దాక్షర్ ఎన్ ప్రసాద్ రాజు పాల్గొన్నారు.

N' Head of the Department Mechanical Engineering

N.S. Raju Institute of Technology (A) Visakhapatnam-531173



tadaa artaliga Globah కండిషన్ మానిటరింగ్ స్పాజీ ఆఫ్ ල්ක, බර්ධරිස්ටේ රේෆියෝස් දිශුරි పమార్ మాట్రాడుతూ - ప్రస్తిత అందస్త్రీ ి స్పాపన పార్యకామిక పెద్దనంలో కండిషన్ that bottom interior රසාවාරි එබාස් වේ කාඩන්නේ බිර 0 25450m, 500 foots prtizmen idytho antioyth th ගිනිටත් පෙරුරුවේ සංචිත් රත්බා y Zedosta, di Nodejam atar ట జపాధ్యక్రుడు ప్రజల్ హోష్. కార్యక్రమంలో గీతం స్కూర్ ఆఫ్ grade a secure and and armeda prisse d. Atom, onto right.





මාරායක්ෂුදු, මුණ්ඩු සේසා බාවිඩ්

గిజరైనేటర్ ఎం.పట్న బహంపుతులు, రాజు అందుతేశారు. పోటీలలో పొల్లివు న్యూల్స్ దైరెక్టర్ సమ, నాగంట్ ఓ. కార్యక్రమంలో క్రి పైశన్న స్పూర్స్ శివాలు, ఎం రమణ, జన్నార్ అరీ, డ్రైమర్ 145 0350 300 2000 200000

కారిపదకడంతో వ్యత్ రెంది ఉంటాదని, మృతుడు జాద్దంద్ లేదా పశ్చిమలెంగాల్లకు చెందిన వ్యక్తి కావచ్చది అదుమాదిన్నన్నారు.

ఎన్ఎస్ఆర్ఇటిలో శ్రీడీ ప్రింటింగ్పై వర్మేషాప్



alighted and and and

భవాశక్తి -శవందపురం : మందలంలో గొంగ్రాలోని adjorationary acetton seve 56035 AN "borred Rosteen Tester (barbell Al సందంగ్ వర్యపాప్ పర్యపాంచారు. ఈ వందర్శంగా surreads well have day increaser gives ග්ෂාන් (මය් බාංස්වේක ධානසය්, බායිමත්, පොම බවුනු) రంగాల్ ముఖ్యవైన భూషిన పోషిస్తోందన్నాడు. అనిరూల బందర్జీస్లో ఆటోమేషన్, నూతన బిల్సంజీలతో శ్రీడీ బ్రింటింగ్ ແມ່ງເຊັນເ ອ້າແຫ່ ມີລະດັດງານ ແມ່ນວ່ອນຊື່ ມາດວ ແລະແນລາມ ໃຫ້ປຸລ ແມ່ນວ່າມູ່ ມີສ້ານທີ່ ມາການ అత్యవసరమున్నారు. కమెప్పత్రులో దీరికి మరంత దివాంద్ పెరిగ uzerio antigate 60 mai terrare udifit రైపైయ్యశను అందిపుడ్పేటనేందుకు కృషి నేన్నప్పార్తన్నారు. పాదికి the shift the scherts are shift and ఎం.రాజు ప్రభుత్తిందిన జాహంజరేంద్ర వేషనలో ఇద్దుడ్నాలో ంప్ విధ్యాంతిక ధన్యవాదాలు చెలిపారు. రాధ్యకమంలో కళాశాల Bags and an Induite President and a state జాభిక ఎన్ ప్రసాదికాత పాల్గొన్నారు.



口

ఎన్ఎస్ఆర్ఐటి కళాశాలలో త్రీడి ప్రింటింగ్ వర్క్ షాప్ 💋

ఆవందపురం, ఏడ్రీల్ 5 ప్రభాతనార్త మండలంలో శోంర్యం నడింపల్లి సత్యనారాయణ రాజు ఇంజనీరింగ్ కళాశాలలో మెకానికల్ ఇంజనీరింగ్ విభా గంలో ఏడ్రిల్ 4 నుండి 6 తారీకు పరకు త్రీడీ ప్రింటింగ్ వర్య్ షాష్ నిర్వహించారు. ఈ కార్యక్రమంలో విభాగాధిపతి దా.పిఎన్ఈ నవీన్ మాట్లాడుతూ ప్రస్తుత



రోజుల్లో త్రీడి థింటింగ్కు మిలటరీ మెడికల్, ప్రజలకు అనేక విధంగా నహాయపడటంలో ముఖ్యమైన పాత్రసు పోషిస్తూ అన్ని రకాల ఇండర్ట్రీస్లో ఆటోమేషన్, నూతన టెక్నాలజీలతో త్రీడీ (ఫింటింగ్ ఉన్నతమైన స్వాయిని పొందాయని వివరించారు. ఈ కార్యక్రమంలో భాగంగా 50 మంది విద్యార్థులు పొల్గొని ఆధునికరణమైన గైపుణ్యతను అభ్యసించుటకు కృషి చేస్తున్నారని శిక్షణ ఇస్తున్న ప్రకాష్ డైనోప్ టిఎఫ్ (ఫైవేట్ లెమిటెడ్ దాక్టర్ ఎం రాజు బాహుబలేంద్రుడిని నేషనల్ ఇనిస్క్యూట్ టెక్నాలజీ పుడుచ్చేరి ప్రత్యేకమైన ధన్యవాదాలు తెలిపారు. కళాశాల డైరెక్టర్ దా.రాజా మురుగదాస్ యాజమాన్యం (టెజరర్ కనకరాజు, సెంకటరీ దాక్టర్ ఎస్ ప్రసాద్ రాజు పాల్గొన్నారు.

The Three day workshop on 3D-Printing was closed by taking feedback and certificate distribution to students



Recognized under Section 2(f) of the UGC Act, 1956 || Accredited by NAAC with 'A' Grade (3.10/4.00)

Report On **PROJECT SHOW CASE** 14th March 2023.

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With reference to the circular from Principal, a pedagogy learning

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methodology program in the name of 'Project Show Case' was conducted on March 16th, 2023. Saturday in NSRIT College campus. This program was inaugurated at 02 PM by the Chief Guest Dr.S.Subbarama Koushik , NIT-Puducherry and Dr.J.Murugudoss, Director, NSRIT participated as honorable guests. The program was initiated with Guest Lecture. All the Heads of the departments are also participated in inauguration process.

The main objective of the program is to expose the creativity of the students in their academic projects to outside the society. This exhibition provides an opportunity for upcoming developer to exhibit their skills through their creations. Project Show Case 2023 presents an opportunity for all Final year talented students to show their innovative projects. This project exhibition is the ideal platform for audience to feel the pulse of the students and empower the students in the field of innovation and technology. Project Show Case 2023 aims at initiating interest in entrepreneurial activities and encouraging young innovators to register for patents. All the Heads of the Department, faculties, academic administrators of ME Department are participated in the program

S.N	Department Name	Name of the faculty	Event -	Visited		Number o	of
о.	Department Name	Name of the faculty	Location	Time	Batches	Projects	Students
		Dr.PN.E.Naveen,HOD Mrs.B.Usha Rani,			12	7	55A)
1	Mechanical Engineering (ME)	Project Coordinator Mr.Ch.V.V.S.S.R.Krishna Murthy,I/C HOD Mr.K.Ram Prasad Mr.N.Suneel Kumar Mr.T.Krishna Kumar Mr.K.Abinash Mr.G.Siva Sai Ram	Block - 2	02.00 PM to 03.30 PM	12	6	56(B)

The following are the photographs attached in regard to the event.





The Project Show Case event was closed after taking Group Photograph from all Engineering Departments.

N Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173



(Approved by AICTE, New Delh F AFfixed to JNTUK, Kakineda F An ISO 9001, ISO 14001 & ISO 49001 Centled Institution) Recognized under 2(f) of the UGC Act 1956 F Accredited by NAAC with 'A' Grade (3.10/4.00) SONTYAM, Pendurthi - Anandapunam Highway, Visakhapatnam - 531173, Ph : 9885824167, 8099464546, www.narit.edu.in

Department of Mechanical Engineering

A Report on

Guest Lecture on Electric Vehicles

Department of Mechanical engineering from NSRIT Engineering College arranged a guest lecture by Dr. Sendhil Kumar Natarajan, NIT - Puducherry on Electric Vehicles for IVth & VIth Semester (B.Tech. 2^{nd} and 3^{rd} Year) students on date 14th March, 2023 from 2.00 P.M – 3.30 P.M at Block2 Seminar Hall. Guest Lectures helps the students to learn something new and innovate. These programs help in thinking outside the box by presenting new ideas and thoughts programs for students.

The recourse person explained about 1. The importance and applications of Electric Vehicles 2. Solar energy, solar ponds and PV cell 3. Explained how to do Projects and apply patents on these fields.

Some of the advantages of Electric Vehicles are as follows (a) No fuel required so you save money on gas (b) Environmental friendly as they do not emit pollutants (b) Lower maintenance due to an efficient electric motor.

Also explained how to do Projects and apply patents on these fields by taking two project works done under his guidance in these fields .

PO's and PSO's covered are PO1-PO12, PSO1 and PSO2



Head of the Department Mechanical Engineering N.S. Raju Institute of Technology (A) Visakhapatnam-531173



(approach to ACTE, new Dehr I Alfweis to 2/104, Kannas 1 Ar 30 1007, 00 1407 4 40 4001 (onther instances Recognized under 2(1) of the UOC Act 1956 I Accredited by NAAC with 'A' Grade (3.10/4.00) BORTYAM, Pendurthi - Anendapuran Highway, Visabhapatram - 531 173, Ph - 568/8231167, 80094645-66, www.ssrif.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

	Mechatronics Registered List					
SI.No	Roll.No	Student Name				
1	21NU1A0301	AYATAMSETTY PRADEEP KUMAR				
2	21NU1A0302	ADARI SANTOSH KARTHIK				
3	21NU1A0303	ADDURI JAYA KIRAN GOPAL				
4	21NU1A0304	AKKIREDDY SHYAM KUMAR				
5	21NU1A0305	ARNEPALLI DEEPTHI				
6	21NU1A0306	BALI SOMANADH KRISHNA PRASAD				
7	21NU1A0307	BARLA RAGHAVENDRA				
8	21NU1A0308	BOBBILI CHINA BABU				
9	21NU1A0309	BODDAPU MAHESH				
10	21NU1A0310	DEKKATHI MAHENDRA REDDY				
11	21NU1A0311	DUKKA DINESH KUMAR				
12	21NU1A0312	DUKKA MAHESH				
13	21NU1A0313	DUNNA VIVEK				
14	21NU1A0315	GADI MANIKANTA				
15	21NU1A0316	GORLE LEELA PRASAD				
16	21NU1A0318	GORLI VENU				
17	21NU1A0319	GUBBALA SANDEEP				
18	21NU1A0320	GUMMA AKHIL				
19	21NU1A0321	KANKIPATI THANVEER				
20	21NU1A0322	KANAKALA GIREESH				
21	21NU1A0323	KARRI BHASKAR RAO				
22	21NU1A0324	KOPPAKA JOSHAN KUMAR				
23	21NU1A0325	KORADA CHANDU				
24	21NU1A0326	KORADA HEMANTH KUMAR				
25	21NU1A0327	KORUKONDA JAGADEESH				
26	21NU1A0328	MEDISETTI GANGADHAR SAI SWAMY				
27	21NU1A0329	MAJJI DILEEP KUMAR				
28	21NU1A0330	MANDALA BHANU				
29	21NU1A0332	MUDADLA DHANUSH				
30	21NU1A0333	NARALA THARUN KUMAR REDDY				
31	21NU1A0334	NARAPINNI BALAJI				
32	21NU1A0335	PADI SAHADEV				
33	21NU1A0336	PALEPU KOWSHIK SATYA SAI				
34	21NU1A0337	PANGA CHANDU				
35	21NU1A0338	PASAPU GANGADHARA KALYAN SAI KISHORE				
36	21NU1A0339	PATHIVADA TEJA				
37	21NU1A0340	PENUGONDA VARUNTEJA				
38	21NU1A0341	PUNYAMANTHULA BHASKAR SAI				

-		
39	21NU1A0342	RONGALI CHANAKYA
40	21NU1A0344	TALLAPUREDDI LAKSHMAN SAI
41	21NU1A0345	VUDUKULA VINAY
42	21NU1A0346	MAHATO SHYAM KUMAR
43	22NU5A0305	CHIRIKI PAVAN KUMAR
44	22NU5A0311	KALLA RAJESH
45	22NU5A0317	NATTALA ABHISHEK

NERIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

University ACTE. New Sells 1 Allowed in Arture. Assessed 1A: 800 8001 300 (401 12:00 4000) Control Industries Recognized uniter 2(0) of this UGIC ACI 1152 (Accessible I by RAAC with 'A' Grade (3:1594,00) SCNTYAM, Pendaritin - Anardiagoname Highway, Visabhagatinen: 53:1171, Ph. 988.8324(107, S004661848, www.nard.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING NX CAD Registered List

SI.No	Roll.No	Student Name
1	21NU1A0301	AYATAMSETTY PRADEEP KUMAR
2	21NU1A0302	ADARI SANTOSH KARTHIK
3	21NU1A0303	ADDURI JAYA KIRAN GOPAL
4	21NU1A0304	AKKIREDDY SHYAM KUMAR
5	21NU1A0305	ARNEPALLI DEEPTHI
6	21NU1A0306	BALI SOMANADH KRISHNA PRASAD
7	21NU1A0308	BOBBILI CHINA BABU
8	21NU1A0309	BODDAPU MAHESH
9	21NU1A0311	DUKKA DINESH KUMAR
10	21NU1A0312	DUKKA MAHESH
11	21NU1A0313	DUNNA VIVEK
12	21NU1A0314	GONDESI VARUN KUMAR
13	21NU1A0315	GADI MANIKANTA
14	21NU1A0318	GORLI VENU
15	21NU1A0319	GUBBALA SANDEEP
16	21NU1A0320	GUMMA AKHIL
17	21NU1A0321	KANKIPATI THANVEER
18	21NU1A0322	KANAKALA GIREESH
19	21NU1A0323	KARRI BHASKAR RAO
20	21NU1A0324	KOPPAKA JOSHAN KUMAR
21	21NU1A0325	KORADA CHANDU
22	21NU1A0327	KORUKONDA JAGADEESH
23	21NU1A0328	MEDISETTI GANGADHAR SAI SWAMY
24	21NU1A0329	MAJJI DILEEP KUMAR
25	21NU1A0330	MANDALA BHANU
26	21NU1A0332	MUDADLA DHANUSH
27	21NU1A0334	NARAPINNI BALAJI
28	21NU1A0335	PADI SAHADEV
29	21NU1A0336	PALEPU KOWSHIK SATYA SAI
30	21NU1A0337	PANGA CHANDU
31	21NU1A0338	PASAPU GANGADHARA KALYAN SAI KISHORE
32	21NU1A0339	PATHIVADA TEJA
33	21NU1A0340	PENUGONDA VARUNTEJA
34	21NU1A0341	PUNYAMANTHULA BHASKAR SAI
35	21NU1A0342	RONGALI CHANAKYA
36	21NU1A0343	SIRAPARAPU MURALI KUMAR
37	21NU1A0344	TALLAPUREDDI LAKSHMAN SAI
38	21NU1A0345	VUDUKULA VINAY
39	22NU5A0305	CHIRIKI PAVAN KUMAR



Jupprend by ACTE, New Dehr I Allweis to 2/104, Kernese 1 Ar000 1007, 00 1400 4 400 4001 (onther instance Recognized under 2(1) of the UOC Act 1956 I Accredited by NAAG with 'A' Grade (3.10-4.00) SONTYAM, Pendurthi - Anendepurare Highway, Visabhapatram - 531 173, Ph : 568/8241167, 5009464546, www.nsr5.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

Product Lifecycle Management (PLM) Registered List

SI.No	Roll.No	Student Name
1	20NU1A0301	A. NITHIN VARMA
2	20NU1A0302	BANDARU SAGAR
3	20NU1A0303	CHANDA JAGADEESH KUMAR
4	20NU1A0305	DARA VIVEK
5	20NU1A0307	DASARI SRAVANA LAKSHMI
6	20NU1A0308	DIVYA PRAKASH KUMAR
7	20NU1A0311	DUVVI PRANEETH VARDHAN
8	20NU1A0312	DWARAPUREDDY VEERA VENKATA SAI ABHISHEK
9	20NU1A0313	GONTHINA BHASKAR
10	20NU1A0314	GORLE JAYA KRISHNA
11	20NU1A0315	GORLE KUSHAL
12	20NU1A0316	GORRIPOTU ANIL KUMAR
13	20NU1A0317	JEERLA LIKHIN KUMAR
14	20NU1A0319	KILARI JAGAN JEEVAN KUMAR
15	20NU1A0320	KINCHA SHYAM KRISHNA
16	20NU1A0322	KOKKERLAPATI SUDHEEP VARMA
17	20NU1A0323	KOLA VENKATA RAO
18	20NU1A0326	K. CHANDRAMOULI VARMA
19	20NU1A0328	MAJJI JOGESH
20	20NU1A0329	MASADA DIVAKAR
21	20NU1A0330	M. DINESH
22	20NU1A0332	NAKKA NAVEEN
23	20NU1A0333	NERELLA DURGA PRASAD
24	20NU1A0334	P. DILLESWAR RAO
25	20NU1A0335	PENTAKOTA DEVI SIVA PRASAD
26	20NU1A0336	PILLA NAVEEN
27	20NU1A0337	PITLA NAVEEN
28	20NU1A0338	PONTHAPALLI YAJNESWAR
29	20NU1A0339	RAYAVARAPU SAI KIRAN
30	20NU1A0340	RANGASALA ARUNKUMAR
31	20NU1A0341	SEELA LAKSHMI CHANDRA EKANTH
32	20NU1A0342	SIMMA MOHAN KUMAR
33	20NU1A0343	SIRIPURAPU MANOJ KUMAR
34	20NU1A0344	SOURASHISH TAKULKUDER
35	20NU1A0346	T LIKITH V S G B SARAN
36	20NU1A0347	TEEGALA PRUDHVI GUPTA
37	20NU1A0348	TIRUMAREDDY RAJESH

38	20NU1A0349	VIJANAGIRI MANI VARA PRASAD
39	20NU1A0350	YALLA ROHITH
40	20NU1A0351	YANDRAPU JAGADEESH
41	20NU1A0352	YEDURU SAMPATH SAI
42	21NU5A0301	BAKI SANKAR RAO
43	21NU5A0302	B. GANESH
44	21NU5A0303	B. PRABHU PAVAN
45	21NU5A0304	DODDI UDAY BHASKAR
46	21NU5A0305	GANAGALLA VEERANAND
47	21NU5A0306	GANTLA ATCHUTH
48	21NU5A0307	G. BAHANU PRASAD SAI
49	21NU5A0308	G. RAKESH
50	21NU5A0309	J. RAKESH
51	21NU5A0310	KARRI SAI TEJA
52	21NU5A0311	KORADA VENKATESH
53	21NU5A0312	MOHAMMAD BASHEERUDDIN
54	21NU5A0313	PASANABILLI MOHAN
55	21NU5A0314	PENTAKOTA VAYUNANDA SAI KUMAR
56	21NU5A0315	PULAMARASETTI GIRIDHAR
57	21NU5A0316	S. LOKESH



INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(approach to ACTE, new Dehr I Alfweis to 2/104, Kannas 1 Ar 30 1007, 00 1407 4 40 4001 (onther instances Recognized under 2(1) of the UOC Act 1956 I Accredited by NAAC with 'A' Grade (3.10/4.00) BORTYAM, Pendurthi - Anendapuran Highway, Visabhapatram - 531 173, Ph - 568/8231167, 80094645-66, www.ssrif.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING INDUSTRIAL ROBOTICS Registered List

SI.No	Roll.No	Student Name
<u> </u>	20NU1A0302	BANDARU SAGAR
2	20NU1A0302	CHANDA JAGADEESH KUMAR
3	20NU1A0305	DARA VIVEK
4	20NU1A0306	DANG WIEK DASARI KARTHIK
5	20NU1A0307	DASARI SRAVANA LAKSHMI
6	20NU1A0308	DIVYA PRAKASH KUMAR
7	20NU1A0310	DOPPA ROSHAN SOWRI
8	20NU1A0310	DUVVI PRANEETH VARDHAN
0	2010170311	
9	20NU1A0312	DWARAPUREDDY VEERA VENKATA SAI ABHISHEK
10	20NU1A0313	GONTHINA BHASKAR
11	20NU1A0314	GORLE JAYA KRISHNA
12	20NU1A0315	GORLE KUSHAL
13	20NU1A0316	GORRIPOTU ANIL KUMAR
14	20NU1A0317	JEERLA LIKHIN KUMAR
15	20NU1A0318	KOVELAPALLI AJAY KUMAR
16	20NU1A0319	KILARI JAGAN JEEVAN KUMAR
17	20NU1A0320	KINCHA SHYAM KRISHNA
18	20NU1A0322	KOKKERLAPATI SUDHEEP VARMA
19	20NU1A0323	KOLA VENKATA RAO
20	20NU1A0325	KORADA SAI PRASAD
21	20NU1A0328	MAJJI JOGESH
22	20NU1A0329	MASADA DIVAKAR
23	20NU1A0333	NERELLA DURGA PRASAD
24	20NU1A0334	N.BALAJI
25	20NU1A0335	PENTAKOTA DEVI SIVA PRASAD
26	20NU1A0336	PILLA NAVEEN
27	20NU1A0337	PITLA NAVEEN
28	20NU1A0338	PONTHAPALLI YAJNESWAR
29	20NU1A0339	RAYAVARAPU SAI KIRAN
30	20NU1A0340	RANGASALA ARUNKUMAR
31	20NU1A0341	SEELA LAKSHMI CHANDRA EKANTH
32	20NU1A0342	SIMMA MOHAN KUMAR
33	20NU1A0343	SIRIPURAPU MANOJ KUMAR
34	20NU1A0347	TEEGALA PRUDHVI GUPTA
35	20NU1A0348	TIRUMAREDDY RAJESH
36	20NU1A0349	VIJANAGIRI MANI VARA PRASAD
37	20NU1A0350	YALLA ROHITH

38	20NU1A0351	YANDRAPU JAGADEESH
39	20NU1A0352	YEDURU SAMPATH SAI
40	21NU5A0301	BAKI SANKAR RAO
41	21NU5A0304	DODDI UDAY BHASKAR
42	21NU5A0305	GANAGALLA VEERANAND
43	21NU5A0306	GANTLA ATCHUTH
44	21NU5A0310	KARRI SAI TEJA
45	21NU5A0311	KORADA VENKATESH
46	21NU5A0312	MOHAMMAD BASHEERUDDIN
47	21NU5A0313	PASANABILLI MOHAN
48	21NU5A0314	PENTAKOTA VAYUNANDA SAI KUMAR
49	21NU5A0316	PULAMARASETTI GIRIDHAR
50	21NU5A0309	J RAKESH



DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON TECHNICAL PAPER WRITING

The Department of Mechanical Engineering introduced a skill-oriented course for B.Tech.V Semester Technical Paper Writing from 25-07-2022 to 12-11-2022. It was conducted as per the curriculum

Course Outcomes - Technical Paper Writing:

- 1. Develop searching latest relevant literature pertaining to the topic of interest.
- 2. Develop self-learning ability to become a lifelong independent learner.
- 3. Develop the habit of writing technical manuscript as per the requirement.
- 4. Develop presentation skills and speak with appropriate technical phrases.
- 5. Explore the research topics and develop research interests.
- 6. Comprehend the latest technologies, techniques, tools, and methodologies.

Note: All the above course outcomes are relatively mapped to all POs as it caters to all program outcomes



DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON SKILL-ORIENTED COURSE

The Department of Mechanical Engineering introduced a skill-oriented course for B.Tech.VI Semester Computer Aided Analysis from 12-12-2022 to 01-04-2023. It was conducted as per the curriculum

Course Outcomes - Computer Aided Analysis (20MES04):

- 1. Acquire the knowledge on basic geometric and solid modelling.
- 2. Ability to design orthographic and perspective projections using software.
- 3. Acquire basic approaches for various Algebraic and geometric forms.
- 4. Acquire basic approaches for various coordinate systems for solid modeling.
- Gain the knowledge required formulation of load vector of nano-structured materials, Gauss quadrature Solution of 2D plane stress solid mechanics problems (linear static analysis)



Online Certification

Students of

Semester -viii

CONTENTS

- Student details
- Certification
- Platform
- PO Mapping

Department of Mechanical Engineering



www.nsrit.edu.in

2022 - 2023

List of Projects and Outcomes Addressed (POs)

No.	Name of the Course	POs Addressed		
1	Data Science	PO #1, PO #2, PO #4, PO #5, PO #9, PO #12, PSO #1, PSO #2		
1	Python programming	PO #1, PO #2, PO #4, PO #5, PO #9, PO #12, PSO #1, PSO #2		

List of Online Certification Courses

No.	Name of the Student	Name of the Course	Duration (Hours)	Learning Platform
1	ADIGARLA SRINIVAS	Data Science	30 hours	Board infinity (APSCHE)
2	B BHARANI SAI	Data Science	30 hours	Board infinity (APSCHE)
3	BHUPATHIRAJU SAI CHARAN RAJU	Data Science	30 hours	Board infinity (APSCHE)
4	CHEKURI ESWARANARAYANA RAJU	Data Science	30 hours	Board infinity (APSCHE)
5	DALLI HARSHAVARDHAN MANISH REDDY	Data Science	30 hours	Board infinity (APSCHE)
6	DAMAROUTHU SATISH	Data Science	30 hours	Board infinity (APSCHE)
7	DARAPAREDDY PARESH	Data Science	30 hours	Board infinity (APSCHE)
8	GUPPI NAVEEN	Data Science	30 hours	Board infinity (APSCHE)
9	K VARUN KUMAR	Data Science	30 hours	Board infinity (APSCHE)
10	KADIYAM VAMSI KRISHNA	Data Science	30 hours	Board infinity (APSCHE)
11	KAKI JAYANTH	Data Science	30 hours	Board infinity (APSCHE)
12	KARRI VIJAYA KUMAR	Data Science	30 hours	Board infinity (APSCHE)
13	KILANI SAI SUMANTH GOVARDHAN	Data Science	30 hours	Board infinity (APSCHE)
14	ADARI MOHANBABU	Data Science	30 hours	Board infinity (APSCHE)
15	ALETI MANOJ KUMAR	Data Science	30 hours	Board infinity (APSCHE)
16	AMARAPALLI HEMANTHKUMAR	Data Science	30 hours	Board infinity (APSCHE)
17	AMARAPINI LAKSHMAN	Data Science	30 hours	Board infinity (APSCHE)
18	ANIMIREDDY DURGA DALINAIDU	Data Science	30 hours	Board infinity (APSCHE)
19	ANIMIREDDY GANESH	Data Science	30 hours	Board infinity (APSCHE)
20	BADITHABOYINA NITISH KUMAR	Data Science	30 hours	Board infinity (APSCHE)
21	BANDARU SANKARA RAO	Data Science	30 hours	Board infinity (APSCHE)
22	BANDHAM PAVAN	Data Science	30 hours	Board infinity (APSCHE)
23	BANDI JAGADEESH SAI KUMAR	Data Science	30 hours	Board infinity (APSCHE)
24	BODDETI SAI DILEEP	Data Science	30 hours	Board infinity (APSCHE)
25	BODDU SWAROOP	Data Science	30 hours	Board infinity (APSCHE)
26	BOGAVILLI ARVIND	Data Science	30 hours	Board infinity (APSCHE)

	1			
27	BONGU MANOJ KUMAR	Data Science	30 hours	Board infinity (APSCHE)
28	BUDDA VIKAS	Data Science	30 hours	Board infinity (APSCHE)
29	CHEEPURUPALLI PAVAN KALYAN	Data Science	30 hours	Board infinity (APSCHE)
30	CHITTURI KARTHIK	Data Science	30 hours	Board infinity (APSCHE)
31	DADI HARSHA VARDHAN	Data Science	30 hours	Board infinity (APSCHE)
32	DARAPUREDDY CHARAN SAI	Data Science	30 hours	Board infinity (APSCHE)
33	DARLA LAKSHMI NARASIMHA	Data Science	30 hours	Board infinity (APSCHE)
34	DHARMALA CHAITANYA	Data Science	30 hours	Board infinity (APSCHE)
35	DODDI NAVEEN KUMAR	Data Science	30 hours	Board infinity (APSCHE)
36	DOGGA BALAVENKATA KISHOR	Data Science	30 hours	Board infinity (APSCHE)
37	DOKKADA VAMSI	Data Science	30 hours	Board infinity (APSCHE)
38	DOLA SAI GANESH	Data Science	30 hours	Board infinity (APSCHE)
39	GALI RAVI TEJA	Data Science	30 hours	Board infinity
40	GANDREDDI ANIL	Data Science	30 hours	(APSCHE) Board infinity
41		Data Science	30 hours	(APSCHE) Board infinity
42	GANDREDDI MANIKANTA	Data Science	30 hours	(APSCHE) Board infinity
43	GANDREDDY DINESH	Data Science	30 hours	(APSCHE) Board infinity
44	GARA VIVEK	Data Science	30 hours	(APSCHE) Board infinity
45	GOLLAVILLI LAHAR	Data Science	30 hours	(APSCHE) Board infinity
46	GOPALASETTI ANIL KUMAR	Data Science	30 hours	(APSCHE) Board infinity
47	GUDIPUDI VAMSI	Data Science	30 hours	(APSCHE) Board infinity
48	GUMMIDI UDAY KIRAN	Data Science	30 hours	(APSCHE) Board infinity
49	GUTHULA SRINIVAS	Data Science	30 hours	(APSCHE) Board infinity
50	GUTTURTHI KUMAR SAI PAVAN	Data Science	30 hours	(APSCHE) Board infinity
51	JAGILINKI LAKSHMAN	Data Science	30 hours	(APSCHE) Board infinity
52	JAJULA NANI BABU	Data Science	30 hours	(APSCHE) Board infinity
53	KAKKALA GANESH	Data Science	30 hours	(APSCHE) Board infinity
54	KANDREGULA CHANDRA KIRAN	Data Science	30 hours	(APSCHE) Board infinity
55	KANTA YUVARAJ	Data Science	30 hours	(APSCHE) Board infinity
55	KORUBILLI PRANEETH			(APSCHE)

56	LANDA BHARGAV	Data Science	30 hours	Board infinity (APSCHE)
57		Data Science	30 hours	Board infinity (APSCHE)
58	MUNJULA JAYARAM	Data Science	30 hours	Board infinity (APSCHE)
59	N RAJEEV LOKESH	Data Science	30 hours	Board infinity (APSCHE)
60	PYLA RAJA	Data Science	30 hours	Board infinity (APSCHE)
61	SABBAVARAPU THARUN KUMAR	Data Science	30 hours	Board infinity (APSCHE)
62	SARAGADAM RAJ KUMAR	Data Science	30 hours	Board infinity (APSCHE)
63	SARVASUDDI VENKATESH	Data Science	30 hours	Board infinity (APSCHE)
64		Data Science	30 hours	Board infinity (APSCHE)
	TANAKALA KODANDA RAM			
65	VANGAPANDU TARUN	Data Science	30 hours	Board infinity (APSCHE)
66	VELPULA MOHIT KUMAR	Data Science	30 hours	Board infinity (APSCHE)
67	YANUMULAPALLI VENKATA SAI	Data Science	30 hours	Board infinity (APSCHE)
68	KOVVUR TRINATH	Data Science	30 hours	Board infinity (APSCHE)
69	KUNDETI HARISH	Data Science	30 hours	Board infinity (APSCHE)
70	LALAM GOPINADH	Data Science	30 hours	Board infinity (APSCHE)
71	LENKA SATTIBABU	Data Science	30 hours	Board infinity (APSCHE)
72	MADDALA GOWTAM SAI	Data Science	30 hours	Board infinity (APSCHE)
73	MADISA CHAITANYA	Data Science	30 hours	Board infinity (APSCHE)
74	MAJJI JAGADEESH	Data Science	30 hours	Board infinity (APSCHE)
75	MATCHA SANYASI DHANUSH KUMAR	Data Science	30 hours	Board infinity (APSCHE)
76	MEESALA VYKUNTESWARA RAO	Data Science	30 hours	Board infinity (APSCHE)
77	MIRTHIPATI SUDHEER	Data Science	30 hours	Board infinity (APSCHE)
78	MOLLETI MANOJ KUMAR	Data Science	30 hours	Board infinity (APSCHE)
79	MUDUNURI CHIRANJEEVI VARMA	Data Science	30 hours	Board infinity (APSCHE)
80	MUPPINA PRAVEEN KUMAR	Data Science	30 hours	Board infinity (APSCHE)
81	NAKKA LAKSHMAN REDDY	Data Science	30 hours	Board infinity (APSCHE)
82	NASRAT BHANU	Data Science	30 hours	Board infinity (APSCHE)
83	NEELAPU VENKATA SURYA TEJA	Data Science	30 hours	Board infinity (APSCHE)
84	PAILA CHARAN TEJA	Data Science	30 hours	Board infinity (APSCHE)
85		Data Science	30 hours	Board infinity (APSCHE)
	PASALA SHYAM			

87	PATNANA VAMSHI	Data Science	30 hours	Board infinity (APSCHE)
88	PEELA MAHALAXMINAIDU`	Data Science	30 hours	Board infinity (APSCHE)
89	PILLI HARISH	Data Science	30 hours	Board infinity (APSCHE)
90	POLIDASU NAGARAJU	Data Science	30 hours	Board infinity (APSCHE)
91	RAJANA VINAY KUMAR	Data Science	30 hours	Board infinity (APSCHE)
92	RAVADA REVATHI NANDU KUMAR	Data Science	30 hours	Board infinity (APSCHE)
93	RAVUPALLI VISWA TEJA	Data Science	30 hours	Board infinity (APSCHE)
94	SAI SEETHA	Data Science	30 hours	Board infinity (APSCHE)
95	SARAGADAM DINAKARA SURYA PRAKASH	Data Science	30 hours	Board infinity (APSCHE)
96	SARAGADAM JASWANTH	Data Science	30 hours	Board infinity (APSCHE)
97	SEKHARAMAHANTI BHARATH KUMAR	Data Science	30 hours	Board infinity (APSCHE)
98	SIMHADRI BHASKAR RAO	Data Science	30 hours	Board infinity (APSCHE)
99	SINGAMPALLI LOKESH	Data Science	30 hours	Board infinity (APSCHE)
100	SUGGI SURESH KUMAR	Data Science	30 hours	Board infinity (APSCHE)
101	TUMARADA SAI SANDEEP	Data Science	30 hours	Board infinity (APSCHE)
102	UPPULURI PAVAN KUMAR	Data Science	30 hours	Board infinity (APSCHE)
103	VANAM DINESH	Data Science	30 hours	Board infinity (APSCHE)
104	VANAPALLI YAGNESWARA SWAMY	Data Science	30 hours	Board infinity (APSCHE)
105	VANUMU GUNASEKHAR	Data Science	30 hours	Board infinity (APSCHE)
106	VARANASI MAHESH	Data Science	30 hours	Board infinity (APSCHE)
107	VEGI MOULI	Data Science	30 hours	Board infinity (APSCHE)
108	BELLAMKONDA UDAY SAI	Data Science	30 hours	Board infinity (APSCHE)
109	GOLLAPALLI DILEEP KUMAR	Data Science	30 hours	Board infinity (APSCHE)
110	KOMARAVOLU HARI VENKATA MANIKANTA	Data Science	30 hours	Board infinity (APSCHE)
111	LANKALAPALLI KEERTHI	Data Science	30 hours	Board infinity (APSCHE)





CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Adigirala Srinivas

for successfully completing Micro learning Course

in

Data Science

07-02-2023 Issued Date

Issued By

Board Infinity

BI-2011115427986

Certificate No.









THIS CERTIFICATE IS AWARDED TO



for successfully completing Microlearning Course in

Data Science

05-01-2023

Board Infinity

BI-2011115420199

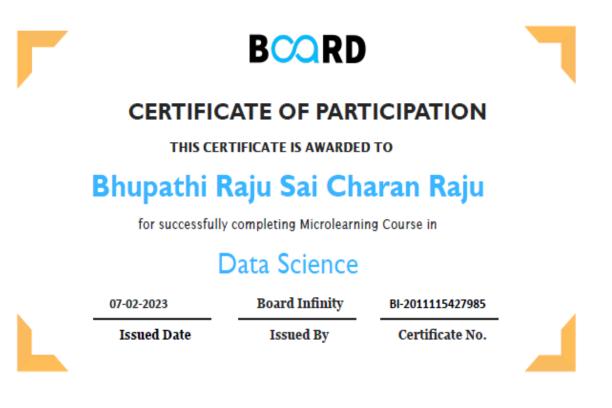
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Certificate No.

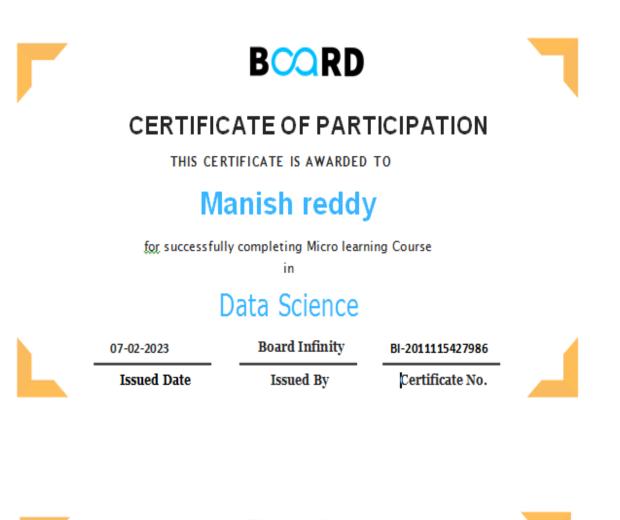




Issued Date









CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

D Satish

for successfully completing Micro learning Course

in

Data Science

07-02-2023

2-2023

Issued Date

Board Infinity Issued By BI-2011115427966





BCORD

THIS CERTIFICATE IS AWARDED TO

Guppi Naveen

for successfully completing Micro learning Course

in

Data Science

07-02-2023

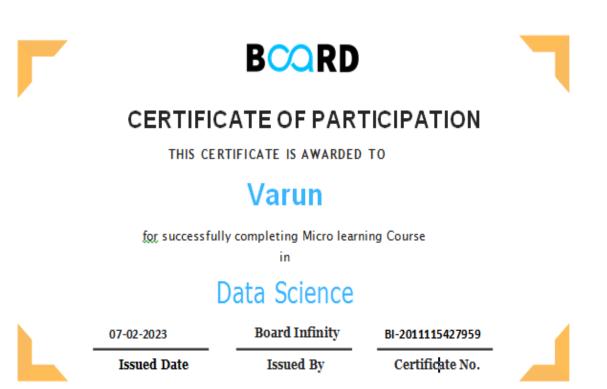
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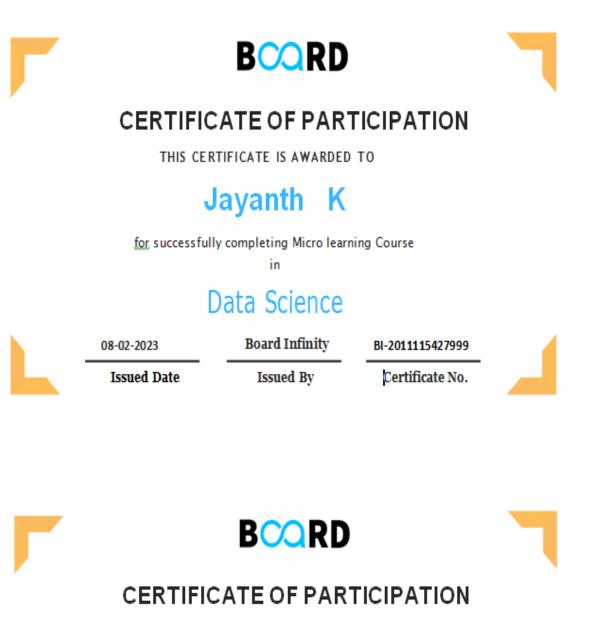
Issued Date

Issued By









THIS CERTIFICATE IS AWARDED TO

Vijay Kumar

for successfully completing Micro learning Course

in

Data Science

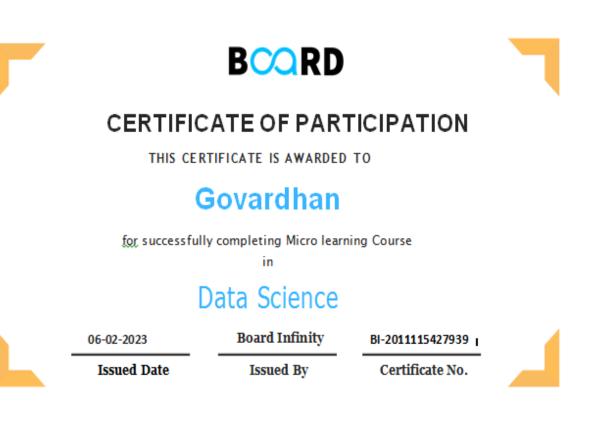
08-02-2023

Board Infinity

BI-2011115427959

Issued Date

Issued By









CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

A Mohan Babu

for successfully completing Micro learning Course

în

Data Science

Issued By



6

06-02-2023

Issued Date

Board Infinity

BI-2011115427949





CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

A Lakshman

for successfully completing Micro learning Course

in

Data Science

06-02-2023

Issued Date

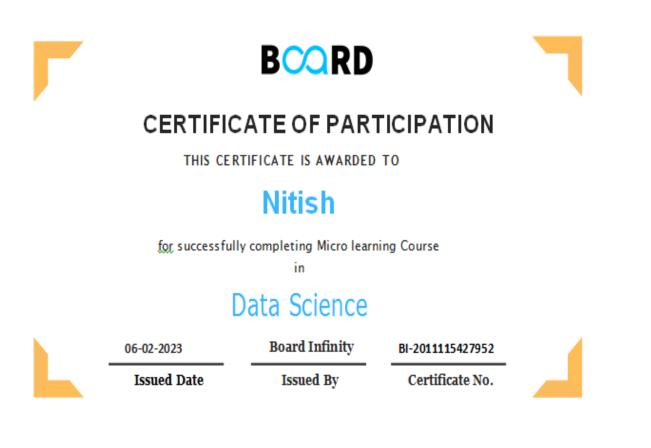
Issued By

Board Infinity

Certificate No.

BI-2011115427939







CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Bandaru Sankar

for successfully completing Microlearning Course in

Data Science

10-01-2023

Board Infinity

BI-2011115421051

Issued Date

Issued By



02-02-2023

BI-2011115427904

Issued Date

Issued By

Board Infinity



Data Science

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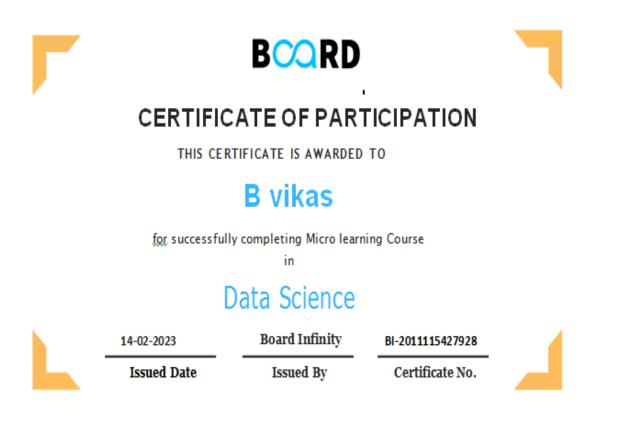
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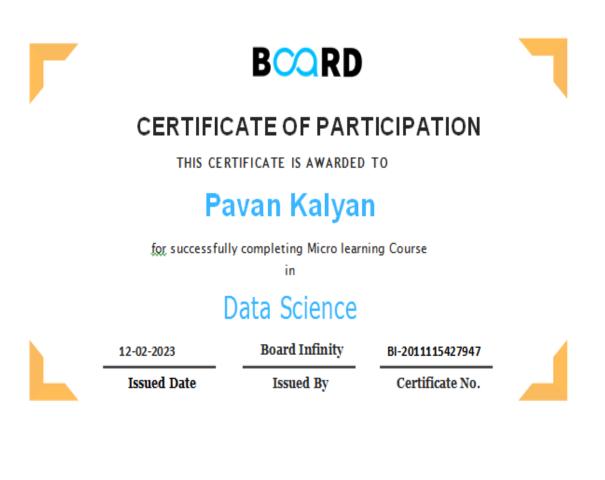
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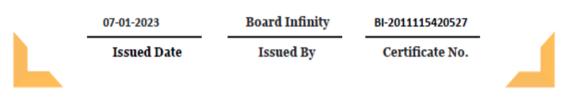
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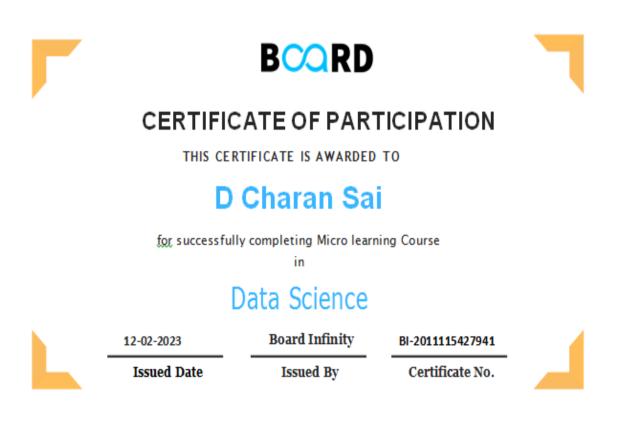
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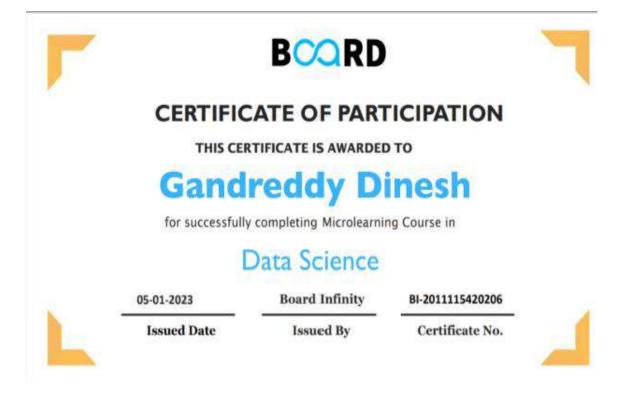




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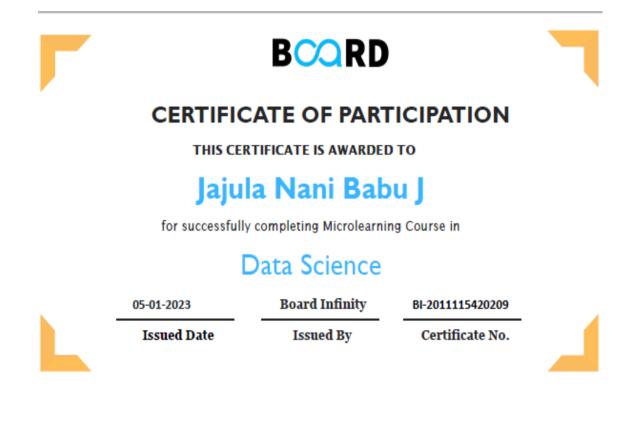
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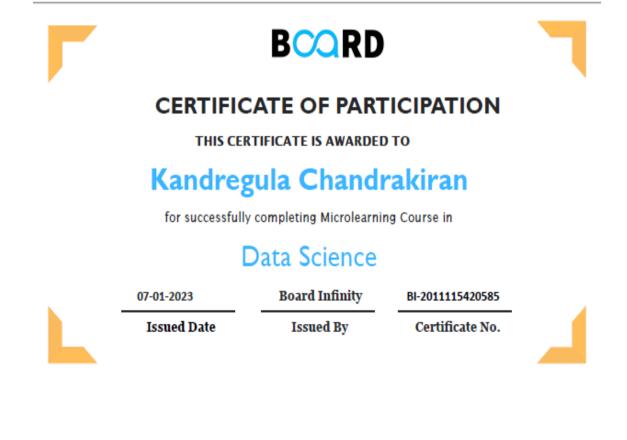
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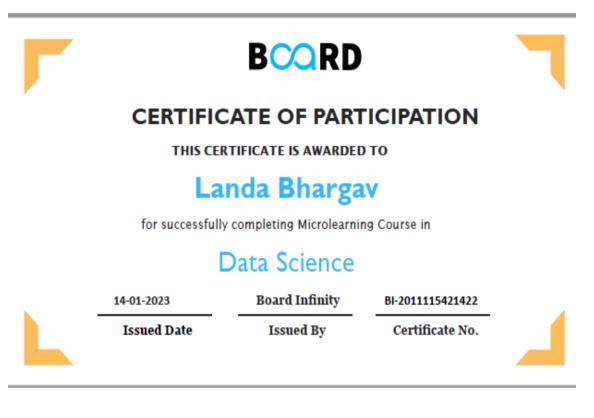
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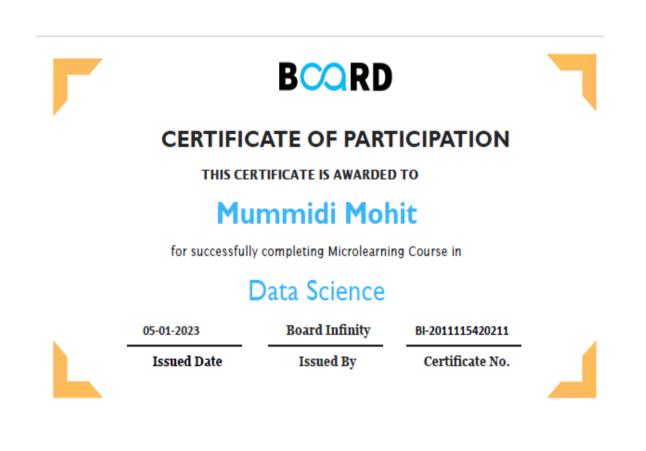


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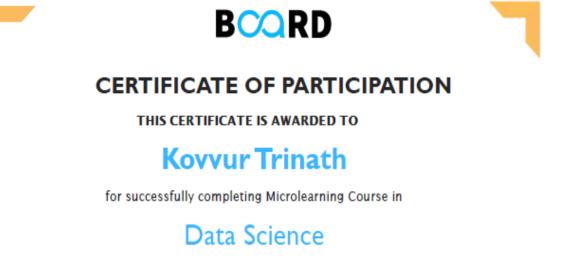
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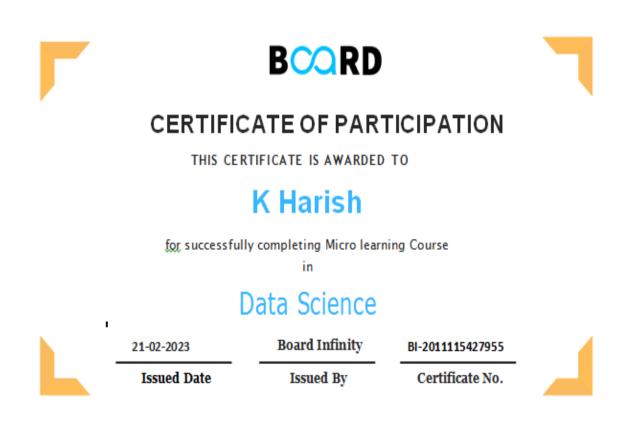




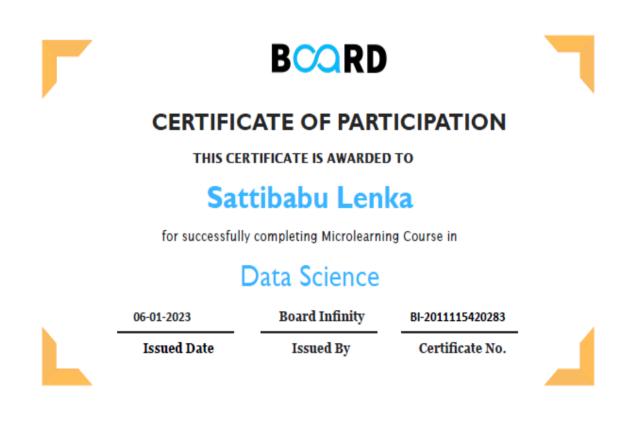
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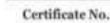
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statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the PCAP: Programming Economicals in Pyrion course, provided by Cloco Networking Academy³⁰m collaboration with OpenEDG Python Institute:

+ knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;

car proficiently use the developer took, the runtime environment, and the syntax and cemarities of the pythen ranguage,

can use fundamental programming learningues, best practices, austions, and vacabulary, including the most common standard library fundions in Python 3;

· can write Python programs using standard ranguage intractivulure, and knows the means by writen to resolve typical implementation problems;

+ knows have to work with modules and packages, process led and binary files, and use generators, iterators, and dosares;

· understands the fundamentals of object-oriented programming (DOP) and the way they are adopted in Python.

SAI SEETHA

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12 Oct 2022

Maxim Wahay VP & CEO, OpinEDG

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Dinakara Surya Prakash Saragadam

for successfully completing Microlearning Course in

Data Science

18-01-2023Board InfinityBI-2011115421720Issued DateIssued ByCertificate No.





CERTIFICATE OF PARTICIPATION

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S Jaswanth

for successfully completing Micro learning Course

in

Data Science

11-01-2023

Board Infinity

Issued Date

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Date





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Bharath Kumar

for successfully completing Microlearning Course in

Data Science

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CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

SIMHADRI BHASKAR RAO

for successfully completing Microlearning Course in

Data Science

05-01-2023

Board Infinity

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THIS CERTIFICATE IS AWARDED TO

Singampalli Lokesh

for successfully completing Microlearning Course in

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Board Infinity

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CERTIFICATE OF PARTICIPATION

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Suggi Suresh Kumar

for successfully completing Microlearning Course in

Data Science

05-01-2023

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Certificate No.



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CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Sandeep

for successfully completing Micro learning Course

in

Data Science

11-01-2023

Board Infinity

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CERTIFICATE OF PARTICIPATION

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Data Science

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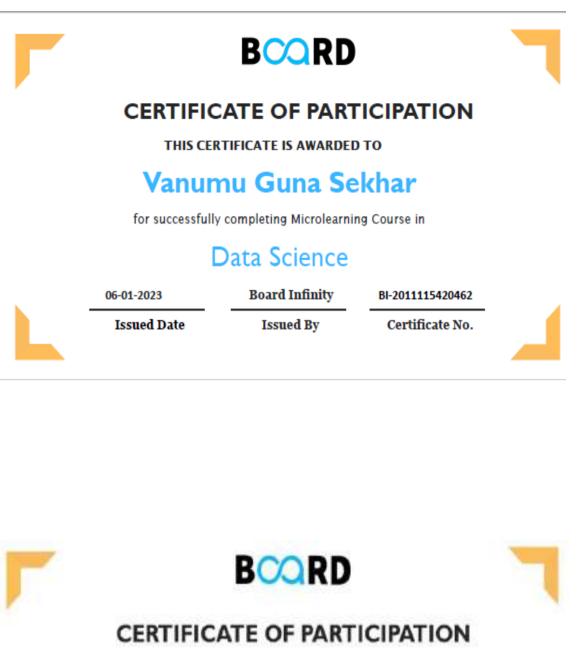


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in

Data Science



11-01-2023

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Issued Date

Issued By

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for successfully completing Micro learning Course

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CERTIFICATE OF PARTICIPATION

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Hari Venkata Manikanta Komaravolu

for successfully completing Microlearning Course in

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06-01-2023

Board Infinity

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Data Science

05-01-2023

Board Infinity

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Certificate No.

Issued Date

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Massive Open Online Courses (MOOCs) Certification

Students of Semester - V

CONTENTS

- Student details
- Certification
- Platform
- PO Mapping

Department of Mechanical Engineering



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2022 - 2023

No.	Name of the Course	POs Addressed
1	CATIA v5	PO #1, PO #2, PO #3, PO #5, PO #6, PO #9, PO #10, PO #12, PSO #1, PSO #2
2	CAM and Mechanical Design	PO #1, PO #2, PO #3, PO #5, PO #6, PO #9, PO #10, PO #12, PSO #1, PSO #2
3	Programming with Python	PO #1, PO #2, PO #4, PO #5, PO #9, PO #12, PSO #1, PSO #2
4	Databases and SQL	PO #1, PO #2, PO #4, PO #5, PO #9, PO #12, PSO #1, PSO #2
5	Introduction to electric Vehicles	PO #1, PO #5, PO #6, PO #12, PSO #1, PSO #2

List of Projects and Outcomes Addressed (POs)

List of Online Certification Courses

No.	Name of the Student	Name of the Course	Duration (Hours)	Learning Platform
1	AYENAMPUDI NITHIN VARMA	CATIA v5	42 hours	Infosys Springboard
2	BANDARU SAGAR	CATIA v5	42 hours	Infosys Springboard
3	CHANDA JAGADEESH KUMAR	CAM and Mechanical Design	40 hours	Coursera
4	DAKETI LEELA SAI KIRAN	CATIA v5	42 hours	Infosys Springboard
5	DARA VIVEK	CATIA v5	42 hours	Infosys Springboard
6	DASARI KARTHIK	CATIA v5	42 hours	Infosys Springboard
7	DASARI SRAVANA LAKSHMI	CATIA v5	42 hours	Infosys Springboard
8	DIVYA PRAKASH KUMAR	CATIA v5	42 hours	Infosys Springboard
9	DOKKARI MOHAN	CATIA v5	42 hours	Infosys Springboard
10	DOPPA ROSHAN SOWRI	CATIA v5	42 hours	Infosys Springboard
11	DUVVI PRANEETH VARDHAN	CATIA v5	42 hours	Infosys Springboard
12	D.V. VENKATA SAI ABHISHEK	CATIA v5	42 hours	Infosys Springboard
13	GONTHINA BHASKAR	CATIA v5	42 hours	Infosys Springboard
14	GORLE JAYA KRISHNA	CATIA v5	42 hours	Infosys Springboard
15	GORLE KUSHAL	CATIA v5	42 hours	Infosys Springboard
16	GORRIPOTU ANIL KUMAR	CATIA v5	42 hours	Infosys Springboard
17	JEERLA LINKHIN KUMAR	CATIA v5	42 hours	Infosys Springboard
18	KOVELAPALLI AJAY KUMAR	CATIA v5	42 hours	Infosys Springboard
19	KILARI JAGAN JEEVAN KUMAR	CATIA v5	42 hours	Infosys Springboard
20	KINCHA SHYAM KRISHNA	CATIA v5	42 hours	Infosys Springboard
21	KODI PRUDHVI RAJ	CATIA v5	42 hours	Infosys Springboard
22	KOKKERLAPATI SUDHEEP VARMA	CATIA v5	42 hours	Infosys Springboard
23	KOLA VENKATA RAO	CATIA v5	42 hours	Infosys Springboard
24	KORADA SAI PRASAD	CATIA v5	42 hours	Infosys Springboard
25	KUTCHARLAPATI CHANDRAMOULI VARMA	Programming with Python	42 hours	Internshala
26	M GEETA SAI PRASAD	CAM and Mechanical Design	40 hours	Coursera
27	MAJJI JOGESH	CATIA v5	42 hours	Infosys Springboard
28	MASADA DIVAKAR	CATIA v5	42 hours	Infosys Springboard
29	MUMMANA DINESH	CATIA v5	42 hours	Infosys Springboard
30	M. YOGENDRA	CATIA v5	42 hours	Infosys Springboard
31	NAKKA NAVEEN	CATIA v5	42 hours	Infosys Springboard
32	NERELLA DURGA PRASAD	CATIA v5	42 hours	Infosys Springboard
33	PALAKOLLU DILLESWARA RAO	CATIA v5	42 hours	Infosys Springboard
34	PENTAKOTA DEVI SIVA PRASAD	CATIA v5	42 hours	Infosys Springboard
35	PILLA NAVEEN	CATIA v5	42 hours	Infosys Springboard

Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT), MOOCs, Department of Mechanical Engineering (ME), Academic Year 2022 - 2023

20			10 h a	Informer On the stand
36	PITLA NAVEEN	CATIA v5	42 hours	Infosys Springboard
37	PONTHAPALLI YAJNESWAR	CATIA v5	42 hours	Infosys Springboard
38	RAYAVARAPU SAI KIRAN	Databases and SQL	6 weeks	Coursera
39	RANGASALA ARUNKUMAR	CATIA v5	42 hours	Infosys Springboard
40	SEELA LAKSHMI CHANDRA EKANTH	CATIA v5	42 hours	Infosys Springboard
41	SIMMA MOHAN KUMAR	CATIA v5	42 hours	Infosys Springboard
42	SIRIPURAPU MANOJ KUMAR	Python for beginners	40 hours	Simplilearn
43	SOURASISH TALUKDER	CATIA v5	42 hours	Infosys Springboard
44	TEDLAPU LIKHITH V S G B SARAN	Programming with Python & Introduction to electric Vehicles	38 hours 32 hours	Internshala & Skill-Lync
45	TEEGALA PRUDHVI GUPTA	CATIA v5	42 hours	Infosys Springboard
46	TIRUMAREDDY RAJESH	Programming with Python	42 hours	Internshala
47	VIJANAGIRI MANI VARA PRASAD	CATIA v5	42 hours	Infosys Springboard
48	YALLA ROHITH	CATIA v5	42 hours	Infosys Springboard
49	YANDRAPU JAGADEESH	CATIA v5	42 hours	Infosys Springboard
50	YEDURU SAMPATH SAI	CATIA v5	42 hours	Infosys Springboard
51	BAKI SANKAR RAO	CATIA v5	42 hours	Infosys Springboard
52	BONELA GANESH	CATIA v5	42 hours	Infosys Springboard
53	BONULA PRABHU PAVAN	CATIA v5	42 hours	Infosys Springboard
54	DODDI UDAY BHASKAR	CATIA v5	42 hours	Infosys Springboard
55	GANAGALLA VEERANAND	CATIA v5	42 hours	Infosys Springboard
56	GANTLA ATCHUTH	CATIA v5	42 hours	Infosys Springboard
57	GOLAGANI BHANU PRASAD SAI	CATIA v5	42 hours	Infosys Springboard
58	GUGGILAM RAKESH	CATIA v5	42 hours	Infosys Springboard
59	JAGARAPU RAKESH	CATIA v5	42 hours	Infosys Springboard
60	KARRI SAI TEJA	CATIA v5	42 hours	Infosys Springboard
61	KORADA VENKATESH	CATIA v5	42 hours	Infosys Springboard
62	MOHAMMED BASHEERUDDIN	CATIA v5	42 hours	Infosys Springboard
63	PASANABILLI MOHAN	CATIA v5	42 hours	Infosys Springboard
64	PENTAKOTA VAYUNANDA SAI KUMAR	CATIA v5	42 hours	Infosys Springboard
65	PULAMARASETTI GIRIDHAR	CATIA v5	42 hours	Infosys Springboard
66	SARVASUDDI LOKESH	CATIA v5	42 hours	Infosys Springboard
67	SOURAV DAS	CATIA v5	42 hours	Infosys Springboard





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COURSE COMPLETION CERTIFICATE

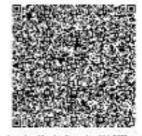
The certificate is awarded to

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for successfully completing the course

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on Monday, November 14th 2022



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THREE DAY WORKSHOP REMOTE SENSING & GIS

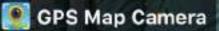
TUESDAY - THURSDAY OCT. 11 - 13, 2022

RESOURCE PERSON

MR. M. D. SATYAM MOHAN

RESEARCH SCHOLAR, ANDHRA UNIVERSITY, VIZAG

DEPARTMENT OF CIVIL ENGINEERING





Anandapuram, Andhra Pradesh, India V79W+VJX, Anandapuram, Andhra Pradesh 531173, India Lat 17.869994° Long 83.296662°

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WORKSHOP

NSRIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Date: 17-09-2022

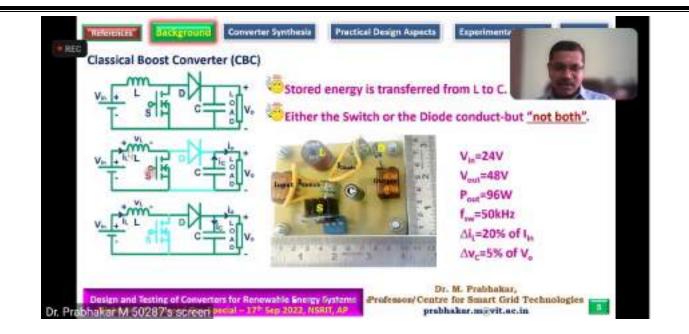
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

<u>Report on a One Day Guest Lecture on "Design and Testing of converters for renewable</u> <u>energy systems"</u>

The Department of Electrical & Electronics Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous) has conducted a One Day Guest Lecture on "Design and Testing of converters for renewable energy systems" on 17th September' 2022, from 10:30AM till 12:00PM at Block – I, Seminar Hall. The resource person was Dr. M.Prabhakar / Professor / SELECT / VIT Chennai. He has co-authored about 45 research papers in various reputed journals and conferences. His research interests include power electronics, power converters, high-gain DC-DC converters and DC microgrids. He was a recipient of the Outstanding Teacher Award for his excellent teaching and research contributions in 2009 and the Research Award which is awarded by the Vellore Institute of Technology for his research contributions continuously since 2012. He is an active reviewer of various reputed journals.



The event has been conducted for the EEE III & IV year, total 60 students and the Faculty, total 11 members. The Head of the Department, Dr. RSR Krishnam Naidu has attended the event along with all the Department staff. Dr. R. Amaleswari, Assistant Professor has hosted the event. The Head of the Department has adressed the gathering as well as thanked the Resource person for accepting the invitation for the conduction of the event.



The session has been started by the resource person. The session consisted of analysis, design and testing of DC DC boost converters. Initially the conventional boost converter design and testing are discussed along with practical waveforms. Next the methodologies required to improve the gain were presented. Later the converter topologies employing these methods are shown with practical results. Finally the importance of component design, component selection, testing environment and testing procedures are highlighted.





Design and Testing of Converters for Renewable Energy Systems Webinar – Engineers' Day Special – 17th Sep 2022, NSRIT, AP

Professor/Centre for Smart Grid Technologies prabhakar.m@vit.ac.in



The session has been concluded by Vote of Thanks by Dr. R. Amaleswari, Assistant Professor by thanking the Resource person and the Head of Department for conducting such a resourceful event and requested to conduct some more such fruitful sessions in the future.

The session was ended with National Anthem.

HOD – EEE (Dr. R S R Krishnam Naidu)

DIRECTOR (Dr. J. RAJA MURUGADOSS)

Guest Lecture - regarding - amaleswari.eee@nsrit.edu.in - Nadimpalli Satyanarayana Raju Institute of Technology Mail

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Spaces	Sent		Dear Sir, Greetings for the day!	
Meet	Drafts More		We are planning a guest lecture titled "Design and Testing of Converters f for our 3rd and 4th year EEE students along with our staff members on 17/0 expertise in this area of research.	
	Labels		Please consider this email as a humble invitation and kindly revert back with	a positive response.
			Sir, Please suggest other possible date if you already have any pre-planned ap	pointments on this date.
			Thanks and Regards,	
			Dr. Amaleswari Rajulapati,	
			Assistant Professor / EEE,	
			NSRIT(A), <u>http://nsrit.edu.in/</u> ,	

≡	M Gmail	Q	Search in mail	荘
99+	Compose		Dear Amaleswari,	
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Chat	Starred		Thank you so much for inviting me to deliver a guest lecture.	
	Snoozed			
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	Drafts		As of now, 17th Sep 2022 10.30AM is convenient for me.	
Meet	More			
	Labels		If there are any last-minute changes, I shall inform you by 15th Sep evening.	
			Regards,	
			Dr. M. Prabhakar,	
			Professor / Centre for Smart Grid Technologies,	
			School of Electrical Engineering (SELECT),	
			Vellore Institute of Technology,	
			Vandalur-Kelambakkam Road,	
			Chennai - 600127. India.	
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			• Ranked among the top 601-700 Universities of the world and one among the top 3 Institu	itions in I

• The 9th best University, the 10th best research institution and the 12th best engineering institution

BRIEF PROFILE



M. PRABHAKAR received the B.E. degree in electrical and electronics engineering from the University of Madras, Chennai, India, in 1998, the M.E. degree in power electronics and drives from Bharathidasan University, Tiruchirappalli, India, in 2000, and the Ph.D. degree in electrical engineering from Anna University, Chennai, in 2012. He started his teaching career as a

Lecturer, in 2000. Since 2012, he has been associated with the School of Electrical Engineering (SELECT), Vellore Institute of Technology, Chennai. From 2019, he has been working as a professor and is associated with the Centre of Smart Grid Technologies, since May 2022. He has co-authored about 45 research papers in various reputed journals and conferences.

His research interests include power electronics, power converters, high-gain DC-DC converters, and DC microgrids. He was a recipient of the Outstanding Teacher Award for his excellent teaching and research contributions in 2009 and the Research Award which is awarded by the Vellore Institute of Technology for his research contributions continuously since 2012. He is an active reviewer of various reputed journals.

NSRID NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING IV EEE, VII SEMESTER 114420

SLNo	Roll No	IV BEE, VII SEMESTER 17.9.22 Name of Candidate	Signature
1	19NU1A0201	BOBBILI VARSHINI SIVA SANTHOSHI	Jele -
2	19NU1A0202	CHELLUBOINA HARI SATYA TEJA	dilla
3	19NU1A0203	JONNADA SATYA	TRE
4	19NU1A0204 1	KALLA HARSHAVARDHAN	hose
5	19NU1A0205	KANCHIPATI PRASAD	Ward
6	PISAUNACION C	KOPPOJU SALBIKAHMAJI	4. 02-V8-5-
7	19NU1A0208	LENKA DINESH MANIKANTA	1.0.000
8	19NU1A0210	PAVADA ANE KUMAR	Autor
9	19NU140211	REDDIPALLI HIMANSHU	R. Himanshi
10	19NU1A0213	SRIKAKULAPU CHINNI HARISH	Biller House
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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25	20NU1A0226	SIMMA YUGANDHAR	Subbanthi
26	20NU1A0227	YELLAPU NAGA SOWAYA SREE	Sylipodhan
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Date: 21-10-2022

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Report on a One Day Guest Lecture on "Recent trends in Design and Control of Electric Vehicles"

The Department of Electrical & Electronics Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous) has conducted a One Day Guest Lecture on "Recent trends in Design and Control of Electric Vehicles" on 21st October 2022, from 2:30PM till 4:00PM at Block – I, Seminar Hall. The resource person was Dr. Selvajyothi / Assistant Professor / IIIT D &M, Kancheepuram, Chennai. She has co-authored 4 books and 36 research papers in various reputed journals and conferences. Her research interests include power electronics, Harmonics Distortion, PLL/FLL, Grid connected Inverters, Power Quality, Electric Vehicles, Medical Instrumentation, FPGA/DSP Realization of Control Algorithms in Power Electronics, Instrumentation and Product Design. She received "Research fellowship in the University of Padova, Italy in 2009". Also received "Best paper award in Technical session 1.1 of CIEC 2016". She is an active reviewer of various reputed journals.



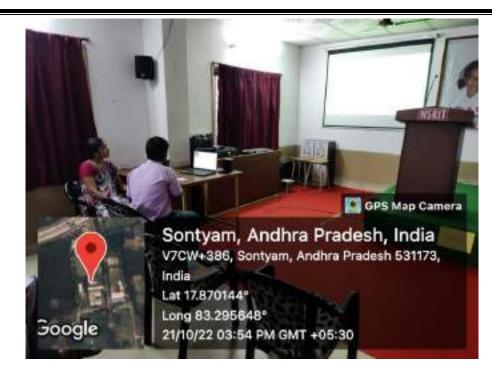
The event has been conducted for the EEE II, III & IV year, total 125 students and the Faculty, total 11 members. The Head of the Department, Dr. RSR Krishnam Naidu has attended the event along with all the Department staff. Dr. R. Amaleswari, Assistant Professor has hosted the event. The Head of the Department has adressed the gathering as well as thanked the Resource person for accepting the invitation for the conduction of the event.



The session has been started by the resource person. The session consisted of design and control of Electric Vehicles (EVs). Initially why EVs, EV adoption Curve is discussed along with E-mobility ecosystem. Next impact of adoption of EV on the DS was presented. Later types of EVs, EV subsystem are explained. Finally Charging Infrastruture and Electric motors, importance of battery design, selection, testing environment and testing procedures are highlighted.









The session has been concluded by Vote of Thanks by Dr. R. Amaleswari, Assistant Professor by thanking the Resource person and the Head of Department for conducting such a resourceful event and requested to conduct some more such fruitful sessions in the future.

The session was ended with National Anthem.

HOD – EEE (Dr. R S R Krishnam Naidu) DIRECTOR (Dr. J. RAJA MURUGADOSS)



amaleswari r <amaleswari.eee@nsrit.edu.in>

Sat, Sep 10, 2022 at 8:53 PM

Request for Guest Lecture - Regarding

4 messages

amaleswari r <amaleswari.eee@nsrit.edu.in> To: ksjyothi@iiitdm.ac.in

Dear Mam,

Greetings for the day!

We are planning a guest lecture titled "Recent trends in Design and Control of Electric Vehicles" at our institute through virtual mode for our 3rd and 4th year EEE students along with our staff members on 1/10/22 (Saturday) for an hour from 10:30am. I request you to share your expertise in this area of research.

Please consider this email as a humble invitation and kindly revert back with a positive response.

Mam, Please suggest other possible date if you already have any pre-planned appointments on this date.

Thanks and Regards, Dr. Amaleswari Rajulapati, Assistant Professor / EEE, NSRIT(A), http://nsrit.edu.in/, Visakhapatnam, India.

Mob: +91 9884489614.

Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Shall we have it on October 15th or later saturdays? Dr K.Selvajyothi ksjyothi@iiitdm.ac.in Department of Electronics and Communication Engineering IIITD&M Kancheepuram Sat, Sep 24, 2022 at 6:06 AM

off Vandalur - Kelambakkam Road, Chennai-127 Ph: 91-44-2747 6348

[Quoted text hidden]

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

Good morning mam, We can have on October 15th as you suggested.

I request you to send me one page profile and photo of yours.

Thanks and Regards,

Dr. Amaleswari Rajulapati,

Assistant Professor / EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

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amaleswari r <amaleswari.eee@nsrit.edu.in> To: Selvajyothi Kamakshy <ksjyothi@jiitdm.ac.in>

Good morning mam,

I am forwarding the meeting link for today's lecture session. Topic: Recent trends in Design and Control of Electric Vehicles Date and Time: 21.10.22, Friday, 2:30PM to 3:30PM

Join Zoom Meeting https://us06web.zoom.us/j/2300295677?pwd=VnR1QWZBdjRXOUkwWndWNmNOQjhuZz09

Meeting ID: 230 029 5677 Passcode: NSRIT

Thanks and Regards, Dr. Amaleswari Rajulapati, Wed, Sep 28, 2022 at 10:26 AM

Fri, Oct 21, 2022 at 11:19 AM

12/25/22, 7:27 PM

Assistant Professor / EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

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BRIEF PROFILE



Dr. Selvajyothi K received B. Tech degree in electrical and electronics engineering from the University of Kerala, Thiruvananthapuram, India, in 1995, M.E. degree in power electronics and industrial drivesfrom Satyabhama Institute of Science and Technology, Chennai, India, in 2004, and Ph.D. degree in electrical engineering from IIT

Madras, Chennai, in 2009. Now she is faculty in department of ECE, IIITD&M (Indian Institute of Information Technology, Design and Manufacturing) Kancheepuram, Chennai. She has 20 years teaching experience and 17 years research experience. She is a life member of ISTE, member in IIIS, IEEE, SAEINDIA and ESSI. She has co-authored 4 books, 17 Journals and 19 conference Publications. She was Co Chair / School of Computer Science and Electrical Engineering (June 2017-Jan 2018) and HOD/ Dept of ECE (Jan 2018-June 2019). Also handled numerous positions such as UG admission coordinator (2009-2011), Warden-Girls hostel (2010-2013), Placement coordinator (2012-2014), PG Admission i/c, PhD Admission i/c, Invited Lectures Prof i/c, member in disciplinary committee (2017-2019).

Her research interests include power electronics, Harmonics Distortion, PLL/FLL, Grid connected Inverters, Power Quality, Electric Vehicles, Medical Instrumentation, FPGA/DSP Realization of Control Algorithms in Power Electronics, Instrumentation and Product Design. She received "Research fellowship in the University of Padova, Italy in 2009". Also received "Best paper award in Technical session 1.1 of CIEC 2016". She is an active reviewer of various reputed journals.

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Guest Lecture attendance on 21.10.22 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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Guest Lecture attendance on 21.10.22

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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Date: 21-12-2022 to 23-12-2022

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Report on "3 day hybrid workshop on EV Technology - Hands on Experience"

The Department of Electrical & Electronics Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous) has conducted a "3 day hybrid workshop on EV Technology – Hands on Experience" from 21st - 23rd December 2022 at Block – I, APSSDC Lab. The resource persons were Dr. Raja / Associate Professor / IIIT D &M, Kancheepuram, Chennai, Dr. Selvajyothi / Assistant Professor / IIIT D &M, Kancheepuram, Chennai, Dr. Selvajyothi / Assistant Professor / IIIT D &M, Kancheepuram, Chennai, Dr. J Ravi Kumar / Zoe Talent Solutions, Dubai, Mr. Venkat Reddy / Vihaan Electrix.

Dr. B. Raja

She has co-authored 4 books and 36 research papers in various reputed journals and conferences. Her research interests include power electronics, Harmonics Distortion, PLL/FLL, Grid connected Inverters, Power Quality, Electric Vehicles, Medical Instrumentation, FPGA/DSP Realization of Control Algorithms in Power Electronics, Instrumentation and Product Design. She received "Research fellowship in the University of Padova, Italy in 2009". Also received "Best paper award in Technical session 1.1 of CIEC 2016". She is an active reviewer of various reputed journals.

Dr. Selvajyothi

She has co-authored 4 books and 36 research papers in various reputed journals and conferences. Her research interests include power electronics, Harmonics Distortion, PLL/FLL, Grid connected Inverters, Power Quality, Electric Vehicles, Medical Instrumentation, FPGA/DSP Realization of Control Algorithms in Power Electronics, Instrumentation and Product Design. She received "Research fellowship in the University of Padova, Italy in 2009". Also received "Best paper award in Technical session 1.1 of CIEC 2016". She is an active reviewer of various reputed journals.

Dr. J. Ravi Kumar

He was awarded *Young Scientist Fellowship* by Directorate of Science and Technology, HRD Ministry of India for research project on *Variable Speed Drive Systems* with financial grant. He has received **UAE GOLDEN VISA** under Talented Professionals category. He is a Senior IEEE member, member of International Engineers Association (IAENG) and reviewer for various international journals. His research and teaching interests are in modeling, design, and control of electric motors and drives for industrial and alternate energy applications. He has published research articles in various international journals/conferences.

ORGANISING TEAM

CHIEF PATRON

Sfrill N. Satyonarayaha Raju Olahman, HSRIF

PATRONS

DF N. Prasada Raai, Becretary, MSRIT SPOT. R. Kamaka Ropa, Transator, NSRIT Dr. J. Bala Murugachian, Director, RS817

PROGRAM CHAIR

Dr. B. S. B. Kristmark Nalitia, HoD (EEE)

CONVENOR

Or. R. Arealenwari, And start Professor (CER)

MEMBERS

Mrs. V. Ooks Roist, Applicate Professor Mr. C. Natarak, Assistant Protect Mr.E. S. Kowarganoyata, Apportate Protossar Mr K M M Talaxest, Shoetast Professor Mr.A. Bais Roja Row, Assistant Professor Mr E. Divokar, Assistant Professor Mr E.Naveon, Assistant Piofessor Mrs 5. Yawisi, Assistant Professor Mrs. D. Sahitya Devi, Assistant Professor

















Ms. V. USHA Rani Coordinator Department of EEE, Nedimpelli Satyanarayana Reju Institute of Technology (NSRIT) Sostyan 531 173, Visathecatham, AP Enatusharati ee+@nsrit eduin Contact: +91 78938 14607



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DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING 3-DAY HYBRID WORKSHOP

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ABOUT EEE

The Department of Education and Environment Engineering was formed in the star 2000. The department has started variane programme with an initial intake of Artoch 60 m the year 2008 Diploma 100 in the year 2007, M. Probability Doctrine Control and Asternation 28 to the year 2004. The department has qualified tracking staff with 2 Plubs and 8 M-Toolks. The faculty methods are sincled to research activities and published/presented pagers to national and mational segments and conferences. The department of third and Electronian Englancing conceptions, many surfaceleges such as power sources, electrical machines, metrod systems, electromogenta; theory, and comparer methods employed in all these areas, which have been include companyed in all these areas which have been aroung the barted general and some dedenging enclosingle data cracks the development all the modern arcierty. The department conducts varies program ander the departmental association alled as effective and Workshops, Pederical Therman, Garas Lectures and Sciences by Experts from holestry and headens beingeness by Experts from holestry and headens beingeness for mostare bar-holestry and headens Subsystem for reasonate bare-tody as graduated of they and studying. We continue to give a brieflag with the set discipling which leads as somewho constants, which were effective predominant graduate community which were inclusion and prevent reasonations in training. The prevents are progress, if Wednes and Jorge wate indusions depend open the experise provided by the Specializes. With repair behaviour gravers in the Constray the suggression of elements in suggression in constraints by suggression of elements in suggression in the second by the suggression of elements in suggression has constraints becomed in fewer Sector and Indonesis by prints. Pith and Covernment comparises in reached at sporting of sourcement opportunities for graduate the trial forgueses.

REGISTRATION & PAYMENT

REGISTER HERE





ABOUT NSRIT

National Tatyonergene Tap Institute of Technology (Formuly Ensors in WTS Callage of Explorating two established to the year 2020 by Sam Verse Ventue Distancements Educational Society, NUMET officer quality edication and technical propagations as the strang fundation of others, that and its cartain to the modern a rest the country and beyond. ADET alternative unsegure classions thereing with undersy technical in enter Re-application of fundations during the stores of stary built. The objective is an prepare score appress to act as learns far the prediction of the economic and advantation provis of the coursesy and triples a creative role in security. We facult on imparting shifty on curring - edge technologies to cur-stratoris. Quality research in the areas of occurse and technology is given residenside reportance term. Our major arrangel commits lengths driving infantry - a schemic lineage. The anatomic colobrates feeedony of langte, orderates many and encourages growth and also recalizates hannes veloce and concern the the excitosurport and assilety.

ABOUT WORKSHOP

6 How-day Workshop on the ages "Decise Vehicle Technologies - Hands on Experiment" is attachded to take place on 20-22 Decision 2022 at Department of EEE, MSRF. Unablagations through dybrat mode. For workshop is previding a photoen for the people from moderne and research continents to get reserving on the room energy p trends in LEE. The goal of the workshop is up provide a proctory for autorporth to optime about our were thread around to filestrant Engineering.

DELIVERABLES

Evolution of Eleptric Vehicles 2000, EV Market in India. Senery Technology, 8665. Discembling and Assemblic RV, 87 Test. drive

> NSRIT www.nsrit.eduin

NSRIT CREDENTIALS

- Institution is according by National Assessment. and Accreditation Essned (NAAC) with 'A' Grade 0110 2 445
- HGC gearsted the status of acconcerny is 2020 and the institute is under the transition state. bagged the QS T -Gauge E-Learning Taceforce
- for Academic Digitination (E Lead) Certificate from QS with a score of 144 out of 250
- Recognized under 3 ifs and 12 (b) of UGC Act 1916
- institution is sated by popular education anagastron like Career 300 and Career Connect. and Strong Industry - Davidure Litrage
- Recognized as a nodal centre for Andhra Fridesh-
- Tecogritted under the achieve PMKVY during 2017 - 2018 & 2018 - 2020



The event has been conducted for both internal and external participants. 119 internal participants are from EEE II, III & IV year of our college, 13 external participants are from various instituitions across India such as Vellore Institute of Technology-Tamil Nadu, Dr. K.N.Modi University- Rajasthan, Institute of Aeronautical Engineering-hyderabad constituiting a total of 132 students and 11 faculty members. The Head of the Department, Dr. R S R Krishnam Naidu has attended the event along with all the Department staff. Dr. R. Amaleswari, Assistant Professor has hosted the event. The Head of the Department has adressed the gathering as well as thanked the Resource persons for accepting the invitation for the conduction of the event.

Day 1:21.12.22 Dr. B. Raja



The session has been started by the resource person. The session consisted of History of Electric Vehicles (EVs). Initially First IC Engine, First gasoline engine, First generation EVs is discussed along with evolution of EV. Next World oil consumption in transportation and other sectors, World oil discovery, remaining reserves, and cumulative consumption was presented. Later an early type of electric motor which created a small model car powered by that motor, 12 kW Electrical machine for a battery-driven electric locomotive, electrical hub motor, 1.5 kW electrical motors in both of its front wheels - Batteries weighing 1.800 kg are explained. Finally, The *Volkswagen Sedric*-self-driving EV, Toyota *Concept-I* future electric car are highlighted.

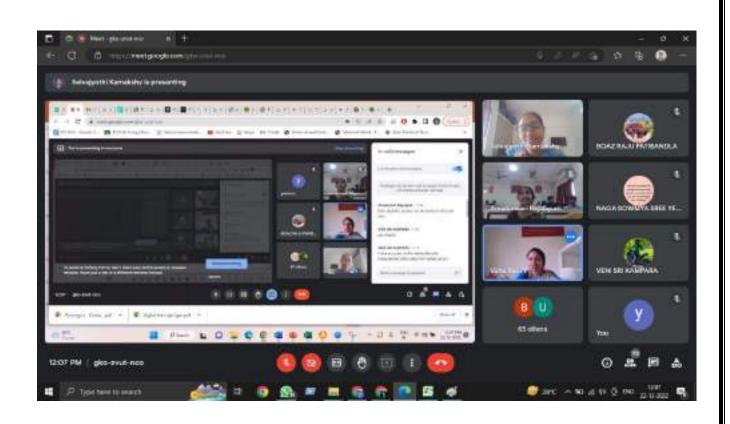




Day 2:22.12.22 Dr. K. Selvajyothi

The session has been started by the resource person. The session consisted of Battery Management System (BMS) of Electric Vehicles (EVs). The Primary functions of the Battery Management System are 1. Battery and user Safety 2. Energy Recovery 3. Battery Balancing 4. Thermal Management 5. communication. Initially Present lithium ion Battery Technology, EV Subsystems, Requirement for BMS is discussed along with Battery Performance -Cell Voltage Under Load, Open-Circuit Voltage (OCV) Model. Next Technical Terms with Batteries, Electrical Equivalent Circuit Model, Pulse Discharge Test, OLV vs DOD –From Data Sheet, Calculation of Circuit Parameters, State Space Model was presented. Later Battery Pack Topology, Battery State estimation, Functionality of BMS In EV, Sensing Voltage, Sensing Current, Sensing Temperature, Temperature Effect, Protection, Charger Control, Communication via CAN bus, Log book function, Cell Balancing, Passive Balancing : Basic Dissipative Resistor, Active Balancing : Single Switched Capacitor, Pwm Controlled Shunting, Boost Shunting, Multi Winding Transformer are explained. Finally BMS-Based cloud-integrated data acquisition Framework for EV technology is highlighted.



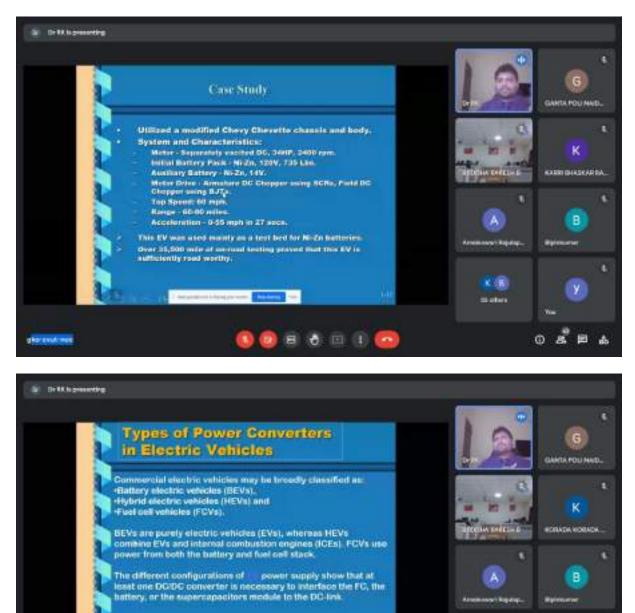




Day 2:22.12.22 Dr. J. RaviKumar

gio and not

The session has been started by the resource person. The session consisted of Motor Controllers for Electric Vehicles (EVs). Initially, EV existence and disappearance is discussed along with resurge of EV and comparison of EV and ICE. Later EV impact on market, EV components, EV motors and controllers, Types of Power Electronic Converters in EVs are explained. Finally acceleration, deceleration, regenerative braking, vector control of induction motor and importance of harmonic analysis is highlighted.



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Day 3: 23.12.22 Mr. Venkat Reddy

The session has been started by the resource person. The session consisted of practical exposure to 2 wheeler Electric Vehicle (EV). Initially, dissembling of EV outer casing parts, detaching of electronic components is discussed along with Dissembling & analysis of mechanical parts of EV in the morning session followed by lunch to all participants. Later in the afternoon, study on harness wiring connections, study on battery and charger are explained. Dissembling & assembling of Charger unit, total assembling of EV was done. Finally test drive on assembled EV is conducted followed by general discussion and queries.



















The session has been concluded by Vote of Thanks by Dr. R. Amaleswari, Assistant Professor by thanking the Resource person and the Head of Department for conducting such a resourceful event. This hybrid event is an initiative to have more such fruitful sessions in the future.

The session was ended with National Anthem.

HOD – EEE (Dr. R S R Krishnam Naidu) DIRECTOR (Dr. J. RAJA MURUGADOSS)

BRIEF PROFILE



Dr. B Raja received B. E degree in mechanical engineering from University of Madras in the year 1997, Chennai, India, M.E. degree in Refrigeration and Air conditioning and Ph.D. degree in Boiling Heat Transfer from College of Engg, Guindy, Anna University in 2001 and 2008 respectively. He is specialized in experimental and

computational thermal-fluid sciences. Now he is Associate Professor in department of Mechanical Engineering, IIITD&M (Indian Institute of Information Technology, Design and Manufacturing) Kancheepuram, Chennai (from 2009 till date). Previously, he was with Kirloskar Copeland Limited, Karad, TCS-GE, Bangalore, GE-EACoE, Bangalore and GE Cincinnati, USA.

Honors and Awards

- Vice President ESSI
- Editor ESSI newsletter
- TVS Empaneled Trainer 2020 Short Term Course on Design Thinking
- Best paper award 2009 IIT Madras NCRAC2009 Conference
- Best project of the month award- 2003. (at EACoE, Bangalore)
- Hats off award for Gear Box CFD project 2003. (at EACoE, Bangalore)
- Green Belt certification 2003 (at EACoE, Bangalore)
- GE Shares award : Stock option grant certificate 2002 (at EACoE, Bangalore)
- Green Belt Certified for "Development of Process map for Free Surface Flow Analyses." (at EACOE, Bangalore)
- CFD analysis work was published in GE global website

He received 45lakhs funding from **DST – SERB and Institute seed fund** for 3 projects and completed. Currently he is working on Consortium and consultancy (2) projects with a funding of 52.5 lakhs.

He is member of IEEE, ISHRAE and Vice president of ESSI (Energy Science Society of India). He has a patent, co-authored 2 books, 37 Journal and 20 conference Publications. His research interests include Enhanced heat transfer, Thermal measurements, Electronic cooling systems, Food Processing Techniques and Design, New Product Development, Energy Storage Devices.



amaleswari r <amaleswari.eee@nsrit.edu.in>

Request for delivering Lecture for EV workshop on day 1 - Regarding

7 messages

amaleswari r <amaleswari.eee@nsrit.edu.in> To: rajab@iiitdm.ac.in Sat, Dec 17, 2022 at 8:17 PM

Dear Sir,

I am Dr. R. Amaleswari working as Assistant Professor in Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) Visakhapatnam, Andhra Pradesh, India.

We have planned a three day workshop titled "Electric Vehicles" through hybrid mode(2days online + 1day offline) for students for the month of december at our institute through virtual mode (21-23 December, 2022). We are seeking experts from academic and industrial organizations to make this workshop more productive.

I would very much appreciate your permission to take your name into the speaker list for day 1 (dec 21).

The course contents for day 1(online) are as follows:

Session 1: 10:00am to 11:00am

- 1. History of Electric Vehicles
- 2. Government Schemes on Electric Vehicles
- 3. Top EV companies emerged in India

Break: 11:00 to 11:15am

Session 2: 11:15am to 12:45pm

- 4. Opportunities in EV sector
- 5. Market demand on 2wheeler, 3wheeler, 4wheeler EVs
- 6. Brief on EV charging stations

I request you to share your expertise in this area of research.

Please consider this email as a humble invitation and kindly revert back with a positive response.

Thanks and Regards,

Dr. Amaleswari Rajulapati,

Assistant Professor & Research Coordinator/ Department of EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

Raja Balakrishnan <rajab@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Madam,

Thanks for the invitation. I shall take the Dec -21 (10 -11 Session) - History of EV.

Regards Raja

[Quoted text hidden]

Dr. B. Raja Associate Professor IIITDM Kancheepuram Vandaloor-Kelambakkam Road Melakottaiyur, Chennai - 600 127 Tamil Nadu, India Ph : +91- 44-2747 6355 Fax : +91- 44-2747 6301 web : www.iiitdm.ac.in/Institute.html

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Raja Balakrishnan <rajab@iiitdm.ac.in>

Dear Sir,

Thank you very much for accepting our request.

Thanks and Regards, R.Amaleswari. [Quoted text hidden]

amaleswari r <amaleswari.eee@nsrit.edu.in>

Mon, Dec 19, 2022 at 11:45 AM

Mon, Dec 19, 2022 at 9:23 PM

Wed, Dec 21, 2022 at 4:58 AM

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1/7/23, 12:48 PM

To: Raja Balakrishnan <rajab@iiitdm.ac.in>

Good morning Sir, I am forwarding the meeting link for today's lecture session. Topic: History of Electric Vehicles Date and Time: 21.12.22, Wednesday, 10:00 AM to 11:00 AM

https://meet.google.com/gko-zvut-nco

Thanks and Regards,

Dr. Amaleswari Rajulapati,

Assistant Professor / EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

[Quoted text hidden]

Raja Balakrishnan <rajab@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

[Quoted text hidden]

History of EV.pdf

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Raja Balakrishnan <rajab@jiitdm.ac.in>

Dear Sir,

Thank you very much for the informative session and the material provided. Students felt the session very useful as most of them are not aware of history of EVs.

We look forward for having more sessions in upcoming activities of our department.

Wed, Dec 21, 2022 at 10:51 AM

Thu, Dec 22, 2022 at 2:44 PM

Thank you,

R.Amaleswari. [Quoted text hidden]

Raja Balakrishnan <rajab@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Sure

Regards Raja [Quoted text hidden] Thu, Dec 22, 2022 at 5:50 PM

BRIEF PROFILE



Dr. Selvajyothi K received B. Tech degree in electrical and electronics engineering from the University of Kerala, Thiruvananthapuram, India, in 1995, M.E. degree in power electronics and industrial drivesfrom Satyabhama Institute of Science and Technology, Chennai, India, in 2004, and Ph.D. degree in electrical engineering from IIT

Madras, Chennai, in 2009. Now she is faculty in department of ECE, IIITD&M (Indian Institute of Information Technology, Design and Manufacturing) Kancheepuram, Chennai. She has 20 years teaching experience and 17 years research experience. She is a life member of ISTE, member in IIIS, IEEE, SAEINDIA and ESSI. She has co-authored 4 books, 17 Journals and 19 conference Publications. She was Co Chair / School of Computer Science and Electrical Engineering (June 2017-Jan 2018) and HOD/ Dept of ECE (Jan 2018-June 2019). Also handled numerous positions such as UG admission coordinator (2009-2011), Warden-Girls hostel (2010-2013), Placement coordinator (2012-2014), PG Admission i/c, PhD Admission i/c, Invited Lectures Prof i/c, member in disciplinary committee (2017-2019).

Her research interests include power electronics, Harmonics Distortion, PLL/FLL, Grid connected Inverters, Power Quality, Electric Vehicles, Medical Instrumentation, FPGA/DSP Realization of Control Algorithms in Power Electronics, Instrumentation and Product Design. She received "Research fellowship in the University of Padova, Italy in 2009". Also received "Best paper award in Technical session 1.1 of CIEC 2016". She is an active reviewer of various reputed journals.



amaleswari r <amaleswari.eee@nsrit.edu.in>

Wed, Nov 23, 2022 at 7:40 AM

Request for delivering Lecture for EV workshop on day 1 - Regarding

11 messages

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

Dear Mam,

Good Morning!

We are planning a "3 day workshop on Electric Vehicles" at our institute through hybrid mode(2days online + 1day offline) for EEE students for the month of december.

The course contents for **day 1(online)** are as follows:

Session 1: 9:30am to 11:00am

- 1. History of Electric Vehicles
- 2. Government Schemes on Electric Vehicles
- 3. Top EV companies emerged in India

Break: 11:00 to 11:15am

Session 2: 11:15am to 12:45pm

- 4. Opportunities in EV sector
- 5. Market demand on 2wheeler, 3wheeler, 4wheeler EVs
- 6. Brief on EV charging stations

The course contents for day 2(online) are as follows:

Session 1: 9:30 to 11:00am

- 1. Description of 2wheeler EV parts
- 2. Brief on Battery technology used in EVs
- 3. Battery Management system

Break: 11:00 to 11:15am

Session 2: 11:15am to 12:45pm

- 4. Types of motors used in EVs
- 5. Types of Chassis used in EVs
- 6. Display of EV components

The course contents for day 3(offline mode in NSRIT, Vizag) by Vihaan Electrix company located in Vizag are as follows:

Session 1: 9:00am to 12:00pm

- 1. Dissembling of EV outer casing parts
- 2. Detaching of electronic components
- 3. Dissembling & analysis of mechanical parts
- 4. Study on Harness wiring connections
- 5. Study on Battery and Charger
- 6. Dissembling & Assembling of Charger Unit

Lunch break: 12:00 to 1:00pm

Session 2: 1:00pm to 4:00pm

- 7. Total assembling of EV
- 8.Test drive on assembled EV
- 9.General Discussion and Queries

I request you to share your expertise in this area of research for **day 1 of workshop**. Please suggest your possible date for the month of december so that we will schedule the workshop in those days.

Also I request you to suggest another resource person for day 2 workshop.

Please consider this email as a humble invitation and kindly revert back with a positive response.

Thanks and Regards,

Dr. Amaleswari Rajulapati,

Assistant Professor / EEE,

Dr. Amaleswari Rajulapati,

Assistant Professor & Research Coordinator/ Department of EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

[Quoted text hidden]

Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Ok. PI let me know the timing. [Quoted text hidden]

amaleswari r <amaleswari.eee@nsrit.edu.in>

To: Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

Dear Mam,

Thank you very much. I will update you shortly regarding timing slots.

Thanks and Regards, R.Amaleswari.

[Quoted text hidden]

Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Amaleswari, I have a review meeting falling on 20th. Could you pl reschedule mine for 22nd?

Thanks Dr K.Selvajyothi ksjyothi@iiitdm.ac.in Department of Electronics and Communication Engineering IIITD&M Kancheepuram off Vandalur - Kelambakkam Road, Chennai-127 Ph: 91-44-2747 6348 Thu, Dec 8, 2022 at 9:19 PM

Fri, Dec 9, 2022 at 9:52 AM

Tue, Dec 13, 2022 at 1:13 PM

1/7/23, 12:50 PM

[Quoted text hidden]

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

Good morning mam,

I am forwarding the meeting link for today's lecture session.

Topic: BMS in Electric Vehicles

Date and Time: 22.12.22, Thursday, 10:00 AM to 11:30 AM

https://meet.google.com/gko-zvut-nco

Thank you, Amaleswari. [Quoted text hidden]

Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in> To: amaleswari r <amaleswari.eee@nsrit.edu.in>

Dr. Amaleswari, PFA presentation on BMS. Please share this to students.

Thanks and Regards Dr K.Selvajyothi ksjyothi@iiitdm.ac.in Department of Electronics and Communication Engineering IIITD&M Kancheepuram off Vandalur - Kelambakkam Road, Chennai-127 Ph: 91-44-2747 6348

[Quoted text hidden]

WORKSHOP_EV_NSRIT_BMS.pdf

amaleswari r <amaleswari.eee@nsrit.edu.in> To: Selvajyothi Kamakshy <ksjyothi@iiitdm.ac.in>

Thu, Dec 22, 2022 at 2:37 PM

Thu, Dec 22, 2022 at 9:02 AM

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Thu, Dec 22, 2022 at 1:50 PM

BRIEF PROFILE



Dr. Ravi Kumar Jujjuvarapu was born in Andhra Pradesh, India, in 1978. He received a Bachelor's degree from Andhra University in Electrical and Electronics Engineering, a Master's degree from Jawaharlal Nehru Technological University in Power Electronics and Industrial Drives in 2001 and 2007 respectively, and Ph.D. from Acharya Nagarjuna University, India in 2018.

Now he is working with Zoe Talent Solutions, Dubai, UAE to train electrical and electronics professional engineers of various global companies. **He has 12 years** of experience in teaching & training electrical engineering programs to Middle East Oil & Gas professionals (**QP, PDO, ADNOC, ETIHAD RAIL**), **5 years** of experience in academic teaching of undergraduate and post graduate engineering programs, **6 years** experience as **IQA** and actively involved in IQA team development at ADVETI.

He has excellent capabilities in use and configure of LMS (D2L / Blackboard), highly experienced in delivering TAFE, OPITO, ECITB and NQA UAE curriculum. He is **Certified ECITB** Instructor for Electrical and Electronics Engineering programs, Certified CLIL Instructor - Content and Language Integrated Learning (CLIL) methodology.

He was awarded *Young Scientist Fellowship* by Directorate of Science and Technology, HRD Ministry of India for research project on *Variable Speed Drive Systems* with financial grant. He has received **UAE GOLDEN VISA** under Talented Professionals category.

He is a Senior IEEE member, member of International Engineers Association (IAENG) and reviewer for various international journals. His research and teaching interests are in modeling, design, and control of electric motors and drives for industrial and alternate energy applications. He has published research articles in various international journals/conferences.



amaleswari r <amaleswari.eee@nsrit.edu.in>

Request for delivering Lecture for EV workshop on day 2 - Regarding

3 messages

amaleswari r <amaleswari.eee@nsrit.edu.in> To: rkanna2006@gmail.com Wed, Dec 21, 2022 at 5:08 AM

Dear Sir,

I am Dr. R. Amaleswari working as Assistant Professor in Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) Visakhapatnam, Andhra Pradesh, India.

We have planned a three day workshop titled "Electric Vehicles" through hybrid mode(2days online + 1day offline) for students for the month of december at our institute through virtual mode (21-23 December, 2022). We are seeking experts from academic and industrial organizations to make this workshop more productive.

I would very much appreciate your permission to take your name into the speaker list for day 2 (dec 22).

The course contents for **day 2(online)** are as follows:

Time: 1:30 PM to 3:00PM

Topic: Battery Chargers and Motor Drives in EV

I request you to share your expertise in this area of research.

Please consider this email as a humble invitation and kindly revert back with a positive response.

Thanks and Regards, Dr. Amaleswari Rajulapati, Assistant Professor & Research Coordinator/ Department of EEE, NSRIT(A), http://nsrit.edu.in/, Visakhapatnam, India.

Mob: +91 9884489614.

1/7/23, 12:52 PM

amaleswari r <amaleswari.eee@nsrit.edu.in> To: rkanna2006@gmail.com Thu, Dec 22, 2022 at 5:40 AM

Good morning Sir,

As per our conversation over phone, thank you for accepting our invitation in short notice.

I am forwarding the meeting link for today's lecture session.

Topic: Battery Chargers and Motor Drives in EV Date and Time: 22.12.22, Thursday, 1:30 PM to 3:00 PM

https://meet.google.com/gko-zvut-nco

Thanks and Regards, Dr. Amaleswari Rajulapati,

Assistant Professor / EEE,

NSRIT(A), http://nsrit.edu.in/,

Visakhapatnam, India.

Mob: +91 9884489614.

[Quoted text hidden]

amaleswari r <amaleswari.eee@nsrit.edu.in> To: rkanna2006@gmail.com

Dear Sir,

Thank you very much for the informative session and the material provided. You gave more insight on combined role of power electronics and drives in present EVs which is very useful to students.

We look forward for having more sessions in upcoming activities of our department.

Thank you, R.Amaleswari. [Quoted text hidden] Fri, Dec 23, 2022 at 5:04 AM

NSRIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY

INTUK KALINASAI

DEPARTMENT OF ELECTRICAL AND ELECTRONICS UNGINEERING II BEE, III SEMESTUR EV Workshop 21 (122) - 21 (22)

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37	21NU1A0240	PAISAKA ROHIT ROY	(-AB->	< AB ->	E AB-
38	21NU1A0241	PALAVALASA SIRI	P. Simi	P. Sini	p. Sini
39	21NU1A0242	PALLI RADHIKA	P. Radhika	P-Radhika	P.Rodh
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41	21NU1A0244	PENTAPATI SIVA RAMESH	(-AB->	EAB->	(AB>)
42	21NU1A0245	PONTHAPALU BHAGYA LAKSHMI	P. Bhagua	D. BLODYA	O. Alogua
43	21NU1A0246	POTTI KRISHNA VARDHAN	P.E. Pardlan	Rt. Lada	P.C. Vardhe
44	21NU1A0247	PRASADULA DEEPTHI	P. Deepthi	P.Deepthi	P. Deepth
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING III EEE,VI SEMESTER

NSRI

EV Workshop 21.12.22 - 23.12.22

_		ISV Working 21.12.22 - 21.12.22			
SLNo	Roll No	Name of Candidate	21.12.22	22.12.22	23.12.22
1	20NU1A0201	ADAPUREDDI DIVYA	A.Divia	A. Dirya	of Rivya
2	20NU1A0202	ADIMULAM BUAGATH	ABhagat	Azlument	of island
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8	20NU1A0209	D TARUN CHANDRA YUVARAJ	Chitanavi	Chi Tapani	ch-Theory
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14	20NU1A0215	JAKKANA ASIIOK	J. Alber	T-Nol-L	T-Alha
15	20NU1A0216	KALLA VAMSI KRISHNA	1 8	10	NO
16	20NU1A0217	KARAKA REVATH	K.Relath?	K. Dowilla	The
17	20NU1A0218	KASSEY DELIESH SAI CHARAN	K. Sai	K. Revolly K. Sen	
18	20NU1A0219	KENGUYA UMA MAHESWAR	K. ama	Kilma	K.Sai
19	20NU1A0220	MIRTHIPATI LOKESU	M Lokesh	H-LOKesh	-K.Oma
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21	20NU1A0222	NIRUJOGI KAMESH		N.Divgo	
22	20NU1A0223	PEMMADI UDAY SRINIVAS	Patous	N. Rameas	N.Romin
23	20NU1A0224	PINISETTI YERNI BABY		O Haringh	
24	20NU1A0225	SALAPU VASANTHI	Silve IP.	E Sale	Pyrus
25	20NU1A0226	SIMMA YUGANDHAR	Suman	Svarst	C)-Voxan
26	20NU1A0227	YELLAPU NAGA SOWMYA SREE	H.S.	Syupate Y Soump	a guna
27	21NU5A0201	BEVARA PRIYANKA			_
28	21NU5A0202	BUDDHA RAKESH	Binakesh	B. Ranesh	SOL
29	21NU5A0203	DHARMANA VENKATA SAI RAKESH	O- Roych	O. P. unh	O.P.
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34	21NU5A0208	PALURI SAI VENKATA TEJA	P.S.V.Teja	PENT	P.S.V. Teje

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		IV Workshop 21 12 32 - 23 12 32			
SLNo	Rell No	Name of Candidate	21.12.22	22.12.22	23.12.22
1	19NU1A0201	DOBBILI VARSHINI SIVA SAMTHOSHI	Bilet	ENP	RUL
2	19NU1A0202	CHELLUBOINA HARE SATYA TELA	adday	chettri	dettai
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9	19NULA0211	REDOIPALU HIMANSHU	R. Himanylun	e. Airrarushu	e.Hironton
30	19NU1A0213	SRIKARULAPU CHINNI HARISH	C. Chitan Hope a		s. chigent
11	20NU540201	ADARI VARAHA VENKATA JAGADEESWARAMMA	NJagodent	AJaped	J. Sopale
12	20NU5A0202	AINAMPUDI NARENDRA VARMA	A.N. Sannag	A working	American
13	20NUSA0203	BALIBANI PAVAN KUMAR	B. Bronkumpt	B. Bunker	B. B. Bunk
14	20NU5A0204	BOOIREDDY CHANDRA SEKHAR REDDY	Bicherholder	Bd 194	Relacion
15	20NU5A0205	BOIDA VUAYA KUMAR	Brand	Bala	Burget
16	20NUSA0206	CHOOIPILLI VENKATA SATYA MADHU	KAB-	(AB-)	(-AB->
17	20NU5A0207	CHURKALA SRIMU	ch. Springs	dr. Sring	ch. Smints
18	20NUSA0208	DARIMISETTI MOULI	D. Mouli	D. Mouli	D. Monti
19	20MU5A0209	KAMPARA VENI SRI	K. VeniSi	K.Veni S	K Veni Si
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21	20NU540211	KATIPALU AJAY KUMAR	K-Ajoul	K-Ajay	Ajapla
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23	20NU5A0213	MIRTHIPATI GANESH KUMAR	M.Gauch	H. brench	M. Ganch
24	20NU5A0214	MYLAPALLI RAMESH	M. Ramesh	M.Parnest	
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NSRIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY

(Approved by AJCTE, New Delhi & Permanently Afhiliated to JNTUK, Kakinada) Recognized under Section 2(1) & 12(8) of the UGC Act, 1955 Accredited by NAAO with 'A' Grade

Date: 15-03-2023 to 17-03-2023

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Report on "3 day workshop on "Application of Arduino & ESP 32 Micro Controller in Multidisciplinary Engineering"

The Department of Electrical & Electronics Engineering, Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous) has conducted a "3 day hybrid workshop on Applications of Arduino & ESP 32 Micro Controller in Multidisciplinary Engineering" from 15th - 17th March 2023 at Block – I, CP Lab. The resource persons were Mr. M. Satish / Tierra Automation.

Resource Person : Tierra Automation

Profile:

Tierra Automation is a leading technology company that specializes in providing innovative IoT, Industrial Automation, and Robotics solutions. Established in 2019, our company has successfully completed 14 industrial projects, 500+ security projects, and trained over 900 students in these technologies.





The event has been conducted for internal participants. 90 internal participants are from EEE II & III year of our college The Head of the Department, Dr. R S R Krishnam Naidu has attended the event along with all the Department staff. Dr. R. Amaleswari, Assistant Professor has hosted the event. The Head of the Department has addressed the gathering as well as thanked the Resource persons for accepting the invitation for the conduction of the event.

Wetnesst eduin

Day 1:15-03-23



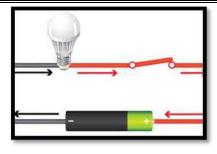
On this day, the basic concepts are covered such as What is EEE ?

There are Electrical as well as Electronic devices are present in our daily life surroundings. For example : Electrical equipment like Fan, Air Conditioner, Light, TV etc., Electronic Devices like Mobile, laptop, Smart Watch etc.,

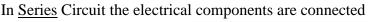
Electrical equipment requires 230V ac whereas electronic devices need 30V dc most cases.

Voltage, Current & Resistance

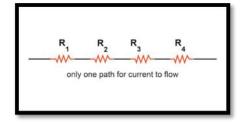
Voltage: The difference between two points i.e., between the higher potential & the lower potential Current: Rate of flow of charge or by other means as Something which opposes the flow of electrons. Resistance: Resists the flow of current.



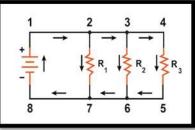
Series & Parallel Circuits



Gas Sensor



end-to-end in a line. Parallel Circuit: In parallel circuit the switch is connected in series with the whole circuit which are connected in parallel.



LDR

(Light Sensor)

Thermistor

(Temperature Sensor)

Proximity Sensor

Example: House wiring

Active Components: Acts as a power source and deliver power to the circuit. Eg: Voltage & Current sources

Passive Components

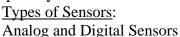
It only consumes power. Eg: Resistor, Capacitor

Sensors

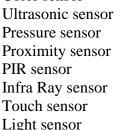
Sensor: Sensor is a device which measures any physical quantity and converts it into electrical quantity.

LM35

emperature Sensor



Different Sensors Temperature sensor Gas sensor Humidity Sensor Tilt sensor Flow & level sensor Soil moisture sensor Color sensor



Alcohol sensor

Actuator

Motor

O CUltrasonic Sensor **IR Receiver PIR Sensor** Rain Sensor Water Flow Sensor Heartbeat Sensor **Humidity Sensor** Gyroscope **Touch Sensor Photo Transistor IR Sensor** Soil Moisture Sensor **IR** Sensor Transmissive Type) (Reflective Type) (Light Sensor) Electrical actuators Electric motors DC servomotors AC motors Converting electrical signal into a physical movement Stepper motors **Different Actuators** Solenoids Hydraulic actuators

Color Sensor

Alcohol Sensor

Relay Module Radio Frequency Types of Actuators

Pneumatic actuators Use compressed air as the driving force

command signal

Use hydraulic fluid to amplify the controlle

Wireless Communication Devices

Radio Frequency GSM GPS Bluetooth Wi – Fi Li – Fi

Micro Controller

Arduino

Digital Pins

Acts as both input and output pins.

It consists of PWM pins for analog purpose.

<u>Analog Pins</u>

Only acts as the input pins

Tinkercad

Tinkercad is a free web app for 3D design, electronics and coding. Signup & Login

Sensor terminals

For sensors mostly any sensor is having 3 terminals and those are power, signal, ground.

Analog Input

Potentiometer

Observing the analog values on the serial monitor by giving the input through the Arduino board (analog pin) by using the potentiometer.

Temperature Sensor

Observing the analog values on the serial monitor by varying the temperature from minimum to maximum.

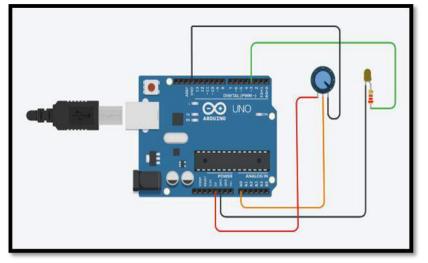
Digital Input

PIR Sensor is used and its output is connected as input to the digital pin of the Arduino and necessary observations are noted which are appeared on the serial monitor.

Digital Output

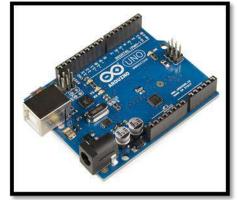
An LED is connected to the digital pin and the necessary code is written in the code section for controlling the LED using digitalWrite in order make it HIGH or LOW.

Analog Input Digital Output

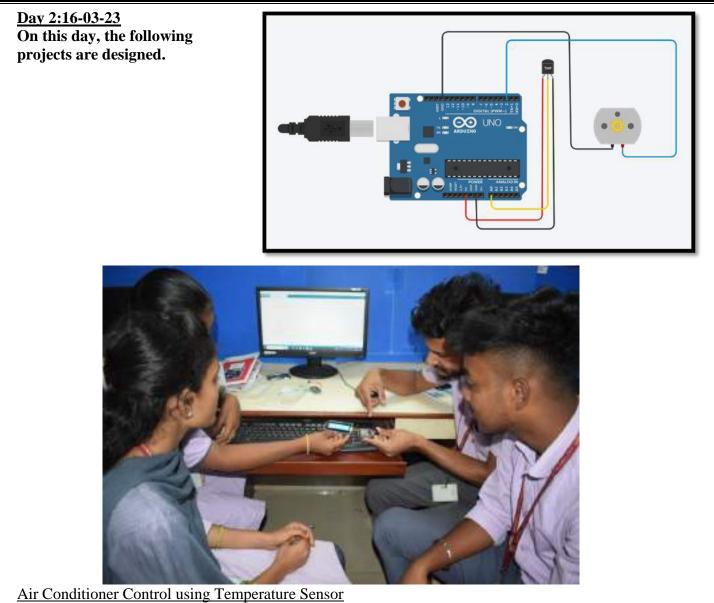


Here, the potentiometer is connected as analog input and at the digital output pin LED is connected. A resistance is connected to the LED in order to limit the current.









Here air conditioner's motor is connected at digital output pin and temperature sensor is given as input to the analog pin.

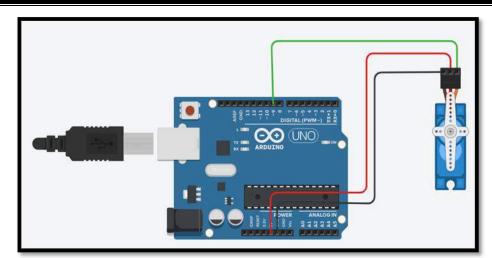
Here if condition is used to turn ON the AC after exceeding the certain temperature limit.



<u>Air Conditioner Control using PIR Sensor</u> Here AC is turned ON after detecting the motion at the surroundings. Servo Motor Servo Motor is limited to only 180 deg rotation and the rotation speed can be declared using the delay().

Applications of Servo motor:

Automatic door openers Elevators Positioning Door openings



Arduino IDE(Integrated Development Environment)

In the beginning stage, by using help option and Built-in examples available in Arduino IDE it is very much easier to learn Arduino coding.

While interfacing the Arduino or ESP 32 we have to select the board name and port.

For ESP 32, install ESP 32 from the library and choose the ESP32 Devkit as board and COM3 as port.

Comparison between ESP 32 and Arduino

ESP 32 Module

CPU: Tensilica Xtensa LX6 microprocessor @ 160 or 240 MHz (we can choose either 160 or 240) ESP32 supports a data rate of up to 150 Mbps (Internet speed)

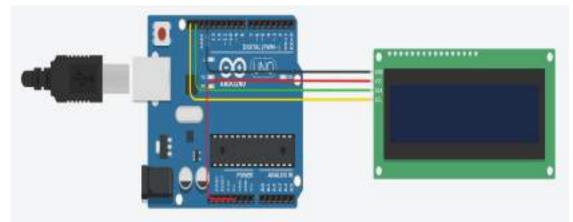
ESP 32 Module was developed by Espressif Systems.

It has inbuilt dual Wi-Fi and Bluetooth support.

It has full TCP/IP support for full stack internet connection.

Arduino

CPU: Atmel AVR (8-bit) 16 MHz frequency speed LCD(Liquid Crystal Display) There are general LCD and I2C display Here we are using the I2C

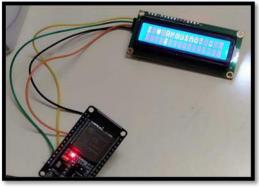


display

LCD pin out

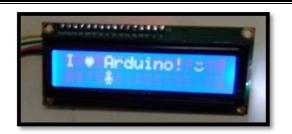
Available pins are VCC, GND, SDA, SCL In the same way as above connections it is connected to the ESP 32 module.

The names or any sentences can be displayed on LCD on the particular row and columns by using the setCursor function. Necessary emoji's can be displayed on the LCD by using the I2C display examples i.e., Customchars and CustomCharacters.



Using ESP 32 Module

Interfacing IR Sensor Interfacing LCD I2C Display Interfacing IR Sensor & LCD I2C Display Combination of IR Sensor, LCD & Relay Module



Interfacing IR Sensor

The 3 pins (VCC, GND, Out) of IR Sensor is connected to the ESP32 (Vin, Gnd,D2). Here the built-in LED is connected internally to the D2 pin. An if condition is used i.e., the LED turns ON whenever it detects any object near to it of

An if condition is used i.e., the LED turns ON whenever it detects any object near to it otherwise it turns OFF.

Interfacing LCD I2C Display

Here the 4 pins (VCC,GND,SDA,SCL) of LCD are connected to the ESP32 (Vin,GND,GPIOD21,GPIOD22) respectively.

After writing the software code in Arduino IDE i.e., in such a way that the LCD displays the given names in the lcd.print function.

After uploading the code the given names are displayed on the LCD.

Interfacing IR Sensor & LCD I2C Display

Here the necessary connections are made as above and the slight change in the Arduino IDE code is to display the given name on the LCD display whenever IR Sensor detects any object around it.

Day 3:17-03-23

The interfacing of components is learned on the last day and lunch is provided for all participants.

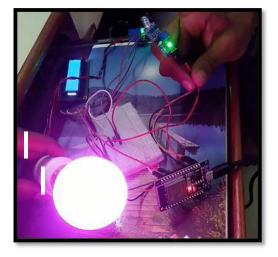
Combination of IR Sensor, LCD & Relay Module

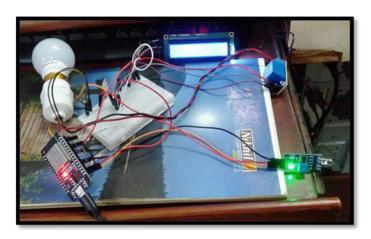
The relay module pins (VCC, Signal, GND) are connected to the ESP32 and in between these a transistor is connected, to boost up the signal in order to the make relay to get enough power supply. The slight change in the IR sensor connections are to connect the VCC of it to the 3V3 pin of ESP32.

To the relay module an AC bulb is connected i.e., we can turn on the AC load by using this relay module.

Here the overall operation is that whenever the IR sensor detects any object around LCD displays the given name and AC bulb turns ON immediately.

For example, if a person enters the room then LCD displays as "PERSON ENTERED THE ROOM" and the relay operates so the bulb turns ON for an indication.













The session has been concluded by Certificate Distribution and Vote of thanks by Dr. R. Amaleswari, Assistant Professor by thanking the Resource person and the Head of Department for conducting such a resourceful event. The session was completely hands -on and students gained more knnowledge.

The session was ended with National Anthem.

HOD – EEE

(Dr. R S R Krishnam Naidu)

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		DEPARTMENT OF ELECTRICAL AN 8. TECH II SEM CENS TRAINING PHASE	D ELECTRONICS ENGINEERING	36
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7	21NU1A0207	BHAVISETTY VARA PRASAD	21MU1A0207@nanLedu.in	BASICS OF POWER SYSTEMS
6	21NU1A0208	BIPIN KUMAR SHA	21NU W/208@nani.edu.in	BASICS OF POWER SYSTEMS
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相	21NU1A0220	KARAKA JITHENDRA	21NU1A0220@nert.edu.is	BASICS OF POWER SYSTEMS
20	21NU1A0221	KOYYADA LIKHITHA	21NU1A0221@nark.edu.in	BASICS OF POWER SYSTEMS
21	25NU/1A0222	KAREDLA MOHAN MADHU BALA	21NU1A0222/Enerit.edu.in	BASICS OF POWER SYSTEMS
22	21NU1A0223	KARI MAHESH	21NU1A0223@nurt.edu.in	BASICS OF POWER SYSTEMS
23	21NU1A0224	KARRI BHASKAR RAC	21NU1A0224@narit.edu.in	BASICS OF POWER SYSTEMS
24	21NU1A0225	KENBURU KARTHIK	21NU1A2256Institudu.in	BASICS OF POWER SYSTEMS
語	21NU1A0226	KINTALI ASHWINI	21NU1A3226@nart.edu.m	BASICS OF POWER SYSTEMS
26	21NU/1A0227	MANDALA MUKESH	21NU1A0227@nsrit.edu.in	BASICS OF POWER SYSTEMS
27	21NU1A0228	MALLAREDOI LALITH KUMAR	21NU1A0228@nent.edu.in	BASICS OF POWER SYSTEMS
28	21NU1A0229	MAMIDI BHANU	21NU1A2229@nsrit.edu.in	BASICS OF POWER SYSTEMS
29	21NU1A0230	MRIYAPALLI SAI KRISHNA	21NU1A0230@msrtLedu.h	BASICS OF POWER SYSTEMS
30	21NU1A0231	MUTNURU GAYATRI	21NU1A3231@msrt.edu.m	BASICS OF POWER SYSTEMS
31	21NJ1A0233	NAGUBILLI SULATHA	20NU1A0233@nurtLedu.in	BASICS OF POWER SYSTEMS
32	21NU1A0234	NAKKA HIMA KIRAN	21NU1A0234@vorit.edu.in	BASICS OF POWER SYSTEMS
33	21NU1A0235	NANDURI DEVI KIRAN	21NU1A0235@mant.edu.in	BASICS OF POWER SYSTEMS
34	21NJ140238	PAMBALA MANIKANTA GANESH	21NU1A0236@nurt.edu.in	BASICS OF POWER SYSTEMS
36	21NU1A0237	PATTIMI PARAMESH	21NU1A0237@mart.edu.in	BASICS OF POWER SYSTEMS
36	21NJ140238	PADALA KANCHANA SAI GOWTHAMI	21NU1A0239@nant.edu.m	BASICS OF POWER SYSTEMS
31	21NU1A0340	PAISAKA ROHIT ROY	21NU1A0240@nurt.atum	BASICS OF POWER SYSTEMS

-		PALAVALASA BRI	21NU1A0241@nstLedu.in	BASICS OF POWER SYSTEM
38	21NU1A0241		21NU1A0242@ront.edu.in	BASICS OF POWER SYSTEMS
39	21NU1A0242	PALLI RADHIKA PATABALLA TEJA SANDEEP	21NU1A0243@nsriLedu.in	BASICS OF POWER SYSTEMS
40	21NU1.40243	PENTAPATI SINA RAMESH	21NU1A0244@nant.edu.in	BASICS OF POWER SYSTEMS
41	21NU1A0284	PONTHAPALLI BHAGYA LAKSHW	21NU1A0245@narit.edu.in	BASICS OF POWER SYSTEMS
42	21NU140245	PONTHAPALLI BRANDING	21NU1A0245@nsrtLedu.in	BASICS OF POWER SYSTEMS
43	21NU1A024E	POTTI KRISHNA WARDHAN	21NU1A0247@nsriLedu.in	
44	21NJ/1A0267	PRASADULA DEEPTHI	21NU1A0248@norit.edu.in	BASICS OF POWER SYSTEMS
45	21NU1A0245	RAPARTH KARTHK	21NU1A0249@narit.edu.in	BASICS OF POWER SYSTEMS
46	21NI/1A0249	SABBAVARAPU POORNA CHANDRA RAO		BASICS OF POWER SYSTEMS
47	21NU1A0250	SARAGADAM YESWANTH	21NU1A0250@narit.edu.in	BASICS OF POWER SYSTEMS
48	21NU1A0251	SARIPALLI MANIKANTA SWAMY	21NU1A0251@narit.edu.in	BASICS OF POWER SYSTEMS
49	21NU1A0253	SUDABATHULA KETHAN SUBHASH	21NU1A0253@rsnl.edu.in	BASICS OF POWER SYSTEMS
50	21NU1A0254	TAMATAPU UPENORA	21NU1A0254@nank.edu.in	BASICS OF POWER SYSTEMS
51	21NU1A0255	TEEGALA SRAVANTHI	21NU1A0255@nant.edu.in	BASICS OF POWER SYSTEMS
57	21NU140258	UPPALAPATI VARSHITHA	21NU1A0256@narit.edu.m	BASICS OF POWER SYSTEMS
53	21NU1440257	VARRI DIWAKAR	21NU1A0257@nariLedu.in	BASICS OF POWER SYSTEMS
54	21NU140258	VAVLAPALLI CHANDRA SEKHAR	21NU1A0258@nant.edu.in	BASICS OF POWER SYSTEMS
65	20NU1A0206	B.SAI VIGNESH	20NU1A0206@narit.edu.in	BASICS OF POWER SYSTEMS
56	2214,0540201	BANTUSELI CHANDU	22NU5A0201@nart.edu.in	BASICS OF POWER SYSTEMS
57	22MJ/5A0202	B SWATHI KUMAR	22NU5A0202@naril.edu.in	BASICS OF POWER SYSTEMS
58	22NI.6A0203	BOCCAPADU SAI KIRAN	22NU5A0203@narl.edu.in	BASICS OF POWER SYSTEMS
58	22NU5A0207	KORADA NARENDARA	22NU5A0207@nartLedu.in	BASICS OF POWER SYSTEMS
60	22NU5A0206	MEESALA GNANEAIAR	22NU5A0208@nart.edu.in	BASICS OF POWER SYSTEMS
61	22NU5A0209	NAKKA VEERA KANAKA MAHA LAXMI	22NUSA0209@nart.udu.in	BASICS OF POWER SYSTEMS

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INSTITUTE OF TECHNOLOGY INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

ENGINEERING

	DEPARTMENT OF ELECTRICA	L AND ELECTRO	NICS END THE A.Y 2022-23	
-	B.TECH V SEM CEMS TRAINING PI	HASE-III ROLL LI	ST POR INC	
	SE NAME : INDUSTRIAL AUTOMATION (PLC & SCAL	(A)	Email id	Mobile number
	Name of the student	Roll Number	20NU1A0201@nsnt.edu.in	7989999083
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12	GOTTAPU DIVYA	20NU1A0213	20NU1A0213@nsrit.edu.in	7893464416
13	ITHAMSETTY JANARDHAN KUMAR	20NU1A0214	20NU1A0214@nsrit.edu.in	6303827399
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15	KALLA VAMSI KRISHNA	20NU1A0216	20NU1A0216@nsrit.edu.in	9966690276
16	KARAKA REVATHI	20NU1A0217	20NU1A0217@nsrit.edu.in	7207475641
17	KASSEY DELIESH SAI CHARAN	20NU1A0218	20NU1A0218@nsrit.edu.in	6281985756
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20	NAKKELLA DIVYA	20NU1A0221	20NU1A0221@nsrit.edu.in	7569296020
21	NIRUJOGI RAMESH	20NU1A0222	20NU1A0222@nsrit.edu.in	9121756542
22	PEMMADI UDAY SRINIVAS	20NU1A0223	20NU1A0223@nsnt.edu.in	6309579418
23	PINISETTI YERNI BABY	20NU1A0224	20NU1A0224@nant.edu.in	7075026851
24	SALAPU VASANTHI	20NU1A0225	20NU1A0225@nsnt.edu.in	9347339048
25	SIMMA YUGANDHAR	20NU1A0226	20NU1A0226@nsnt.edu.in	7330661585
26	YELLAPU NAGA SOWMYA SREE	20NU1A0227	20NU1A0227@nsrit.edu.in	9052604785
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33	NEELAPU CHARAN KUMAR REDDY	21NU5A0207	21NU5A0207@nsnt.edu.in	8522848345
-	PALURI SAI VENKATA TEJA	21NU5A0208	21NU5A0208@nsnt.edu.in	8179594494

P. Machuel CEMS EEE CO-ORDINATOR

Minhaland.

AD CUAL

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Mathematics ACTL, New Solve I Aliannia (MTU), Kinanala (MTU),

Assessment Report Skill Oriented Course

	Submitted by	Ma	rks	
Name	%∙UMA MAHESWAR	Interim Assessment and Report (20 Marks)	। ๆ, ४	11 9.5
Roll No.	20NUI A02 19	Outcomes (10 Marks)	19	
Program	₿- те сң	Final Presentation (10 Marks)	9.	\$
Status of Completion	Completed / Not Completed	Total Marks	4	7
No Addressed Signature of	Por Poz Pos Pos Pos PA 112 Course Facilitator with Date	POI POF POF POF POF	Leria a	

Rall No.	: 20NUIA0219
Course Code	: 2066503
Title of the Course	SOC - MODES (CORE JAVA)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		efore L	me Learning			After Learning		
ND.			2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	1		1				1	
	I have gained theoretical & practical knowledge	~						~	
	 a. Thave developed my Coding skills 	~					~		
	 b. I have developed a product 	~						~	
2	 c. Thave developed a system or process 		_					~	
	d, I have developed my problem solving skills]	4					~	
	e. I have developed a computer based application	1						~	
	 I have developed a hardware application 	1						~	
	Any others, please specify								
3									
-									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the linal assessment,

No.	Descapion	Be	fore l	earr	ılng	[AI	lêr Li	eami	ng
NU.	Description	1.	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	-						0	
	He / She has gained theoretical & practical knowledge	1	/					4	
3	 The learner has developed my Coding skills 		[60	
	 The learner has developed a product 	\mathbf{Z}	-					~	
2	 The learner has developed a system or process. 	IZ.	[]					~	
	 He/She has developed his/her problem solving skills 	1						1	
5	 e. He/She has developed a computer based application 	1					1	٢.	
3	 The learner has developed a hardware application 	1			[1	
1	Any others, please specify								
3									
v									

Learners Descriptive Learning Outcomes (Learners are expected to write tan – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> renderstand the fundamentals of programming languages. -> renderstanding the goals and structure -> TO learn problem solving skills An Ability to use accent techniques, and tools of computer using modern programming languages -> using could looping, and construct for situation grode. > Oeveloped as skill by using oops concept -> using junctions in the code -> learned to develop a project based on basis of the course

K. Uma Mahendar. 2811.22 Student Signature with Date

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Permit ACTE New Set (Allabelia MRV, Advate LA 50 101, 00 101, 00 100, 100 100 (000) (000) Recognized under 2(7) of the UGC Act 1058 I Accredited by IGARC with 'A' Greek (3.1048.00) \$0NTVAM, Percurot - Anandeputen Highway, Vitableoninew - 831173, Ph : 9965624157, 5095484546, www.etgit.edu.in

Assessment Report Skill Oriented Course

	Submitted by	N	arks	
Name	H-LOKE\$H	Interim Assessment and Report (20	1	ll &
		Marks) Outcomes (10	r	
Roll No.	20101140220	Marks)		16
Program	BILECH	Final Presentation (10 Marks)		ş
Status of Completion	Completed / Not Completed	Total Marks		92
POs Automass Signature of	Course Facilitator with Date		Deride 16/1	242 PEO1 PSO12 2-12 2-12 2-12 2-12

Roll No. :20NUTA 0220 Course Code :20 66303 Title of the Course : HOOCS - Come Java

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	sfore L	eami	ing		Afler	Leaml	ng
110.		1	2	3	4	11	2	3	4
1	I have gained only theoretical knowledge				ł		<u> </u>		
	I have gained theoretical & practical knowledge	× .			ľ				V
	 Thave developed my Coding skills 	V						1	2
1	b. I have developed a product.	1						\checkmark	
2	c. These developed a system or process	\mathbf{v}_{-}	į	5					×
ł	 I have developed my problem solving skills 		\checkmark				~		
	e. I have developed a computer based application	× .	ţ						× 1
	 I have developed a hardware application 	1						\checkmark	
	Any others, please specify								
3									
L									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

ณา เ	Description	Be	iore l	.eam	iing	A	ter L	eami	ng
No.	Lesenhaan.			E	4	1	2	3	4
1	The learner has gained only theoretical knowledge	-]		-	
-8-99	Hs / She has gained theoretical & practical knowledge	1			İ			1	
	a. The learner has developed my Coding skills	1]			1	
	b. The learner has developed a product				1			/	
2	c. The learner has developed a system or process	1						1	
	 He/She has developed his/her problem solving skills 	12			-			1	
	e. He/She has developed a computer based application	1	1					1	
	 The learner has developed a hardware application. 							1	
3	Any others, please specify								

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please atlach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-) understand the bundomentals of cove Jove and how a computer words. G. > understanding the goals of structure To reason how to take a problem -suse d some bunctions in the code. -> Developed Skills by Using Dop's concept basics of programming with modern programming -> LEODAN Language -) An ability to we current techniques skills & law -> use the correct Looping constanct box Situation d we

M·1DX €S H 28/)//22 Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NSRIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Auto-al ly ACT2, New Cutot Alticulus ACRX, Kalvade I & BC (204, BC 1991 & 100 (201) Contest Namera) Recognized under 2(/) of the BCC Act (808 # Actorected by NAAC with 'A' Crede (3-1844,00) SCHTYAM, Pandurthi - Anandaguman Highway, Vankhagelaam - 53(173, Ph : 9885624167, 8095684548, www.nard.ett.edu.in

Assessment Report Skill Oriented Course

	Submitted by	M	arks	
Name	N- Divya	Interim Assessment and Report (20 Marks)	1 4.5	" 85
Roll No.	20 NUI A02 21	Outcomes (10 Marks)		
Program	B-tech	Final Presentation (10 Marks)	9	5
Status of Completion	Completed / Not Completed		4 (10 PO11 _ PO1	
	Pr lin	- 84	Qensi20	
Signature of	Course Facilitator with Dat	te Signature of	HoD with Da	ite

Roll No.	: 200JUL F1022 1
Course Code	206ES03
Title of the Course	Mooc's - Cole Java

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	earni	ng		Afler	Leami	ng
PRO.		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	\mathbf{v}	i				×.		
	I have gained theoretical & practical knowledge		4					10	
	 a. I have developed my Coding skills 	×					~	i –	
	b. I have developed a product	~						100	
2	 I have developed a system or process 	\sim						$\overline{}$	
	 I have developed my problem solving skills 	\sim							V
	e. I have developed a computer based application	-	4					~	
	 I have developed a hardware application 	V				<u> </u>	—	\sim	
	Any others, please specify								•
3									
~									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore L	.earn	ing_	At	ter L	eami	пд
, a .o.		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	1							
	He / She has gained theoretical & practical knowledge	17							
	a. The learner has developed my Coding skills	1				-	_	and and and	1
	b. The learner has developed a product	1						1	-
2	 The learner has developed a system or process 		_					1	
	 He/She has developed his/her problem solving skills 		1.					-	
1	e. He/She has developed a computer based application		1						7
]	 The learner has developed a hardware application 	17							1
1	Any others, pleasa specify								
	1985 - E								
2									
2									
					2				
- 3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

+ To learn how to take a problem -> use some functions in the code. -) understand the goals and structure > understand the fundamentals of cole Java and how a take a problem -) To beaus basus of programming with modern programming language -> use the arment looping construct for situation of Code -> An ability to use current techniques, skills and tools. N. Divya estular

Student Signalure with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Advinuting ACTE, free Date F Advances and UK, Kakinale FAN 507 1004, 130 (4004, 1404) & 60 (4004, 1404) Advances) Reddagnized under 310 of the USEC Act 1956 9 According by MAAC with "A" Grade (3, 1044,00) SCHTYAM, Renductor IV, Arandageuran Highway, Vasabhaganana - \$31173, Ph : 9905424167, 5090454549, Marendert, under In

Assessment Report Skill Oriented Course

	Submitted by	Ma	atks	
Name	N-Ramesh	Interim Assessment and Report (20	4	0
		Marks)	8.2	l ø
Roll No.	20NVIA 0222	Outcomes (10 Marks)	····	\$
Program	8-lech	Final Presentation (10 Marks)	9	5
Status of Completion	Completed / Not Completed	Total Marks	9	6
POs Addressed	PDI POZ POS POI POS POI	P06 P07 P08 P01 P0	10 PO11 PO1	PS01 P3012
	he for	-RAC	16/12-12	
Signature of	Course Facilitator with Date	Signature of	HoD with Da	de

Learning Oulcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	eam	ing		Afler	Leam	ňg
110.		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge								
	have gained theoretical & practical knowledge	~							~
	 I have developed my Coding skills 	~						\checkmark	
	 b. I have developed a product 	~				2			\checkmark
2	c. I have developed a system or process	~							\checkmark
	d. I have developed my problem solving skills		\sim				· · · ·	1	
	 I have developed a computer based application 			1					
	 I have developed a hardware application 	$\overline{\nabla}$		<u> </u>				$\overline{\mathbf{v}}$	
	Any others, please specify						1999		
3									
-									
				_	-				

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Deersthlinn	Be	fore l	.eam	ing	Af	ler Ĺ	eamii	ng
	1	2	3	4	1	2	3	4
The learner has gained only theoretical knowledge	1	1					1	
He / She has gained theoretical & practical knowledge	1						1	
 The learner has developed my Coding skills 	1/							/
b. The learner has developed a product	ĥ	1						1
 The learner has developed a system or process 	1						1	1
 He/She has developed his/her problem ediving skills 	1							
e. He/She has developed a computer based application	1						/	
 The learner has developed a hardware application 	1						/	-
Any others, please specify								
	He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	The learner has gained only theoretical knowledge 1 The learner has gained theoretical & practical knowledge 1 a. The learner has developed my Coding skills 1 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 f. The learner has developed a hardware application 1	1 2 The learner has gained only theoretical knowledge 1 He / She has gained theoretical & practical knowledge 1 a. The learner has developed my Coding skills 1 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 f. The learner has developed a hardware application 1	1 2 3 The learner has gained only theoretical knowledge 1 2 3 He / She has gained theoretical & practical knowledge 1 2 3 A. The learner has developed my Coding skills 1 2 3 b. The learner has developed a product 1 1 2 3 c. The learner has developed a system or process 1 1 1 2 3 d. He/She has developed his/her problem colving skills 1 <td>1 2 3 4 The learner has gained only theoretical knowledge 1</td> <td>1 2 3 4 1 The learner has gained only theoretical knowledge 3 4 1 He / She has gained theoretical & practical knowledge 3 4 1 a. The learner has developed my Coding skills 4 5 6 6 b. The learner has developed a product 4 6 6 6 6 c. The learner has developed a system or process 4 6 6 6 6 d. He/She has developed his/her problem ediving skills 6 6 6 6 6 f. The learner has developed a computer based application 6 6 6 6 6</td> <td>1 2 3 4 1 2 The learner has gained only theoretical knowledge 3 4 1 2 He / She has gained theoretical & practical knowledge 3 4 1 2 a. The learner has developed my Coding skills 1 2 3 4 1 2 b. The learner has developed a product 1</td> <td>1 2 3 4 1 2 3 The learner has gained only theoretical knowledge 1 2 3 4 1 2 3 He / She has gained theoretical & practical knowledge 1 2 3 4 1 2 3 A. The learner has developed my Coding skills 1 1 2 3 4 1 2 3 b. The learner has developed a product 1</td>	1 2 3 4 The learner has gained only theoretical knowledge 1	1 2 3 4 1 The learner has gained only theoretical knowledge 3 4 1 He / She has gained theoretical & practical knowledge 3 4 1 a. The learner has developed my Coding skills 4 5 6 6 b. The learner has developed a product 4 6 6 6 6 c. The learner has developed a system or process 4 6 6 6 6 d. He/She has developed his/her problem ediving skills 6 6 6 6 6 f. The learner has developed a computer based application 6 6 6 6 6	1 2 3 4 1 2 The learner has gained only theoretical knowledge 3 4 1 2 He / She has gained theoretical & practical knowledge 3 4 1 2 a. The learner has developed my Coding skills 1 2 3 4 1 2 b. The learner has developed a product 1	1 2 3 4 1 2 3 The learner has gained only theoretical knowledge 1 2 3 4 1 2 3 He / She has gained theoretical & practical knowledge 1 2 3 4 1 2 3 A. The learner has developed my Coding skills 1 1 2 3 4 1 2 3 b. The learner has developed a product 1

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please ettach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understand the fundamentals of come DUDG and have a computer worker. -> understanding the goals and statucture -> TO learn how to talke a popular -> TO clearn basics of programming with modern programming language. -> use some functions in the code. - Devaloped as skill by Using Dops concept -> An ability to use award technique skills and tools -> use the constelled wooping constuct for situation of code.

N. Damest **9_گ{ | ||** Student Signature with t



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Approved by FCFC, New Over & Attained in UPUM, Tainwals 1 At 182 (FCF, 180 and) 1 (SC (SOF Cardied Instance)) Recongrational scalar 201 of the UPCC Act 1954 & Accredited by AAAC with "A" Oracle (2.10/6.00) \$00177288, Pendarthi - Antemperature Highway, WashAmpelature - 2311 (7), Ph : \$2255321167, \$30934545456, www.rsvit.edu.in

Assessment Report Skill Oriented Course

	Submitted by						Mark	6			
Name	P. แช่ <mark>ณ</mark> y Griniu	αs		Repo	ssess ri (20		t	1 8-5	-	11 5	
Roll No.	2000100223		Outc Mark		s (10				17	7	
Program			Final (10 N		sentat)	ion		25-111	9		
Status of Completion	Completed / Not Completed		Tola	Mar	ks				ч	3	
PDs Addressed	NOM 1902 1903 1904	POS POL	POL	P07	101	P09	PON	POIL	604	Pikin	P3012
	perter						NC:	16/12	2		
Signature of	Signature of Course Facilitator with Date							oD witi			33 m

Roll No.: 70 NVLA 02273Course Code: 2066 503Title of the Course: 500 moolds ((oR6 JAyn))

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	B	elore L	eami	ing		After	Leamii	ng
IND.	Description	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge				i				
	I have gained theoretical & practical knowledge	\mathbf{v}					[$\mathbf{\nabla}$
	 a. I have developed my Coding skills 	ž				ł		ζ	·
	 b. I have developed a product 	×			1		1		\mathbf{V}°
2	 c. I have developed a system or process 	V		[]			V.
100	 I have developed my problem solving skills 		V					\sim	
	e. I have developed a computer based application	V		L					\leq
	L I have developed a hardware application	~		ł				ζ	
	Any others, please specify								
ļ									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

kla.	No. Description 1 The learner has gained only theoretical knowledge a. The learner has developed my Coding skills b. The learner has developed a product 2 c. The learner has developed a system or process d. He/She has developed bis/her problem solving skills	Be	fore l	earr	<u>pañ</u>	At	ter L	eami	ng
NO.		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	Z .						/	
	 The teamar has developed my Coding skills 							/	
	b. The learner has developed a product	1						\sim	
2	c. The learner has developed a system or process	1							
	d. He/She has developed his/her problem solving skills	1						/	
	e. He/She has developed a computer based application	1/						\sim	
	f. The learner has developed a hardware application	\mathbb{Z}						1	
1	Any others, please specify								
3									
5									
228					_	_		-	

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> I have improved my looking skills -> Demonstrate Basie problem solving skills -> To been how to take a problem figure out the alborthin to write Gele -> To have of programming with a modern Programming language. Josia. -> To undustand the expression and variables. > Develop a app which is in basic to unawith Concepts of JAVA. -> understand about new topics like polymorphism , Inheritance etc. > real appeal a shall by using opps concept.

P. uday Svinivas 28/11/22

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



PROMINENT BY ARCTE, SHE OWN & ARCH. ar in 1979, California I de 1921, 1931 (1937 à 1933 destri Carteles II sprilest under 2(1) of the UGC Art 1838 & Ascredited by MAAC with 'A' Grede (1.10/4.00) BONTYAM, Persouthing anan Mighwey, Visabhappinan - 831172, Ph : SARAB24157, BOQA88548, www.mail.odu.in

Assessment Report **Skill Oriented Course**

	Submitted by						Ma	rks			9
Name	P. yean' bo	h	T			smer	nt	I			1
	, Gran a	and Report (20 Marks)					٩.	1	8		
Roll No.	LONVIAON	ч	Outo Mark		es (10	I					
				1			_		11		
Program	B. tech		ema (10 k		senta i}	luon			9		
Status of Completion	Completed / Not Completed		Total	' Mar	ks				49		-
POs Addressed	POI PO2 NOS POA	P05 P04	PD6	¢07	Pos	P04	P0/1	Por	8013	P601	Paoriz
e):	Palis					-10	see.	* ed	-		
Signature of	Course Facilitator	with Date			Sign	lature	of He	1.6 D wit	h Date	~~	-

Roll No.	:	Jan UNPODAL4	
Course Code	;	10EE 503	
Title of the Course	:	moors (cove	Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	earni	ng		After	Learni	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	1		Ī			1		
	I have gained theoretical & practical knowledge	$\overline{\mathbf{v}}$	_				<u> </u>		\checkmark
	 a. Linave developed my Coding skills 	V						V	
	 I have developed a product 	V			-	-		-	$\overline{}$
2	c. Thave developed a system or process	V							J
	 I have developed my problem solving skills 		\checkmark					$\overline{\mathbf{v}}$	_
	 I have developed a computer based application 	\checkmark							\checkmark
1	 I have developed a hardware application 	\checkmark						V	<u> </u>
	Any others, please specify								
Э									
-						010			

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	Before Learning		After Learning					
		1	2	3	4	1	2	3	4	
1°	The learner has gained only theoretical knowledge	1	<u> </u>					1		
	He / She has gained theoretical & practical knowledge		/	<u> </u>		ſ		7	-	
	 The learner has developed my Coding skills 	1		1					-	
	b. The fearner has developed a product	1		÷ I	-			-		
2	c. The learner has developed a system or process	1	1					1	/	
	 He/She has developed his/her problem solving eki/s 	17	1					/		
	 B. He/She has developed a computer based application 	17	<u> </u>					7	/	
	f. The learner has developed a hardware application	17	-							
	Any others, ploase specify									
3										
3										

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understand the fundamental of core Java and have computer walks. -> understanding the goals and structure -> To lease how to take a problem. -> To leave basic of programming with mov den programming language. use some functions in the code. \rightarrow use some functions in the code -> Developed as skill by wing Dops concept An ability to use current techinques 4 gkills and tools -> we the corrected looping construct for situation of code.

p. yeani 1122.

Student Signature with Dat



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NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Manifesteri in ACTE, has Date 1 Alliand in ACTUL Kashed in Action 1 and Do 1001, 200 34201 4420 44201 Contentionation Recognized under 2(0 of the UGCT Act 1936 / Accendined by rAAC with 1A1 Grade (3,1016 00) BOMTYAM, Annalyzian Highway, Yaakhapatran - 631122, Ph (9883824167, 8099684646, string status)

Assessment Report Skill Oriented Course

	Submitted by	Marks									
Name	S.VASANTHI	Interim Assessment and Report (20 Marks)	ч.5	8.2 II							
Roli No.	20NUIA0125	Outcomes (10 Marks)	(8							
Program	В-тесн	Final Presentation (10 Marks)	1	5							
Status of Completion	Completed / Not Completed	Total Marks	9	5 2 PHO1 - PHO10							
Signature of	Course Facilitator with Date	RA	Courtes- Va 1 2 HoD with Da								

Roll No.	120NUTA0225
Course Code	20FF500
Title of the Course	501- MODIS (Colitana)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	Before Learning		Afler Learnin			ng	
114.		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	1			1			i	
	I have gained theoretical & practical knowledge	1-1			i			1	~
	 I have developed my Coding skills 	~						\sim	-
	 I have developed a product 	\sim							~
2	 I have developed a system or process 	× 1							4
	 I have developed my problem solving skills 		\sim					~	
	e. I have developed a computer based application	\checkmark	1						$\overline{\mathbf{v}}$
	 I have developed a hardware application 	\sim						~	
	Any others, please specify			(<u> </u>					
3									
ა									

Learning Outcomes (Please tok appropriately based on the fearners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However It is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment,

No.	Descriving	Be	Before Learning After Lea					earni	arning	
1100	Image:	1	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge	1						1		
	He / She has gained theoretical & practical knowledge		1							
	 The learner has developed my Coding skills 	1						[/		
	b. The learner has developed a product	1/						-	/	
2	 The learner has developed a system or process 	1							~	
	 He/She has developed his/her problem solving skills 	1							/	
	e. He/She has developed a computer based application	1		1				/		
	 The learner has developed a hardware application 	1								
	Any others, please specify									
3										
1										
32										



Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Ordustand the fundamental of cole Java and how a complet works. -> Undustand the goals and structure - To learn how to take a problem. -> Jo lease bables of programming with modern Pringmamming Language. -> Obe some functions in the code. -> Developed as skill by using Dops concept. -> An ability to use current technologues, sxalls and tools. -> Obe the correct looping construct for station of code.

J. Vabantli 28/11/22

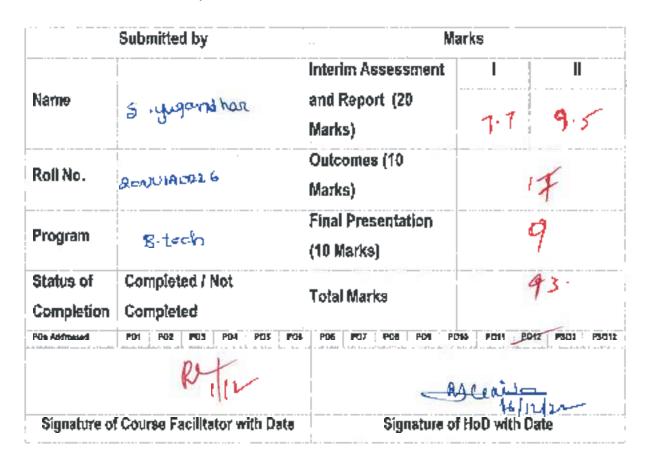
Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Approved by ACTE, New Cell & Albert & JATUK, Kalanda & An GO 1001, BQ 1401 & 320 4001 Certablemann) Recognized under 2(1) of the USC Act 1954 & Accredited by NAAC with "A" Grade (3.19(4.92) \$CM(TYAM, Pendurits) - Asspdaptement Highway, Vijethoppinger - 6311 (3, Ph : 9865424187, 6099484645, www.nurt.odu.in

Assessment Report Skill Oriented Course



Roll No.	: 20001A0226
Course Code	≈ a= 6€ so3
Title of the Course	: SoG - moods (core Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Before Learning			After Learning				
IND.	Description	1 2 3		4	1	2	3	4	
1	I have gained only theoretical knowledge								
	I have gained theoretical & practical knowledge	\mathbf{v}							V.
	 I have developed my Coding skills 	4						1	
	 b. I have developed a product 	\sim		_					V.
2	 I have developed a system or process 	\sim							V
	 I have developed my problem solving skills 		\sim					5	
	e. I have developed a computer based application								\checkmark
	 I have developed a hardware application 	$\boldsymbol{\nu}$						1	
	Any others, please specify								
3									
3									
L									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording Is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Description	1		Before Learning		Afler Learning				
	1 2 3		4	1 2 3		3	4		
The learner has gained only theoretical knowledge	1			[1		
He / She has gained theoretical & practical knowledge	1	1					/		
a. The learner has developed my Coding skills	1				1 -	1	/		
b. The learner has developed a product					·		/		
 The learner has developed a system or process 	1						1		
d. He/She has developed his/her problem solving skills							<u> </u>		
e. He/She has developed a computer based application	1						1	/	
I. The learner has developed a hardware application							1		
Any others, please specify									
	 a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application I. The learner has developed a hardware application 	a. The learner has developed my Coding skills	a. The learner has developed my Coding skills	a. The learner has developed my Coding skills	a. The learner has developed my Coding skills	a. The learner has developed my Coding skills 3 b. The learner has developed a product 4 c. The learner has developed a system or process 4 d. He/She has developed his/her problem solving skills 4 e. He/She has developed a computer based application 4 I. The learner has developed a hardware application 4	a. The learner has developed my Coding skills i b. The learner has developed a product i c. The learner has developed a system or process i d. He/She has developed his/her problem solving skills i e. He/She has developed a computer based application i I. The learner has developed a hardware application i	a. The learner has developed my Coding skills 3 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 I. The learner has developed a hardware application 1	

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

->) have improved my coding skilly. -> Demonstrate basic problem solving skills. -> TO bases been to take of problem, figure out the algorithms to write Code. -> 10 learn bass of programing with a modern programing language, Java. -> understand has no install and we a good Job debelompent Environment. To understand the sponsions and wriables. -) seared about the new concepts helpful in software sector -> Developed a shall by using applicancepts. -) understand about now topig like polymoshisim, inhositance etc.

Student Signature with Date

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Assessment Report Skill Oriented Course

Submitted by	Marks						
Y. Naga Salanja Soce	Interim Assessment and Report (20 Marks)	1 9.7	11 9 - 5				
80 NU140224	Outcomes (10 Marks)		18				
B. tech	Final Presentation (10 Marks)		٩				
Completed / Not Completed	Total Marks	· · · ·	1.4				
Ru	_	Morile Voliz	122				
	Y. Nagar Sourge Soce & NUTADDD7 B. Eech Completed/Not Completed	Y. Naga Sourge Interim Assessment and Report (20 Marks) Soce Marks) Soce Outcomes (10 Marks) Soce Marks) B. Lech Final Presentation (10 Marks) Completed / Not Completed Total Marks Poi PC3 POi POi POi POi POi POi B. Lech Completed / Not Completed Total Marks Foil Poi POi	Y. Naga Source Interim Assessment 1 Y. Naga Source and Report (20 9.7 Soce Marks) 9.7 Soce Outcomes (10 9.7 Sock Marks) 9.7 Sock Final Presentation 10 B. Lech (10 Marks) 9.7 Completed / Not Total Marks 9 Poil Poil <td< td=""></td<>				

Roll No. : 20NUIM227 Course Code : 20EE 503 Title of the Course : MOOCS (corre Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Ma	Descripțion	Before Learning				After Learning					
2		1	2	13	4	1	12	3	4		
1	I have gained only theoretical knowledge			F			Ī		1		
2	I have gained theoretical & practical knowledge			ŀ	<u> </u>		ŀ		V		
	 a. I have developed my Coding skills 	\checkmark		:				V	<u> </u>		
	 I have developed a product 	\mathbf{V}							$\overline{\mathbf{v}}$		
	 c. Thave developed a system or process 			[[1		
	d. I have developed my problem solving skills]	\checkmark					~			
	e. I have developed a computer based application	\checkmark							\sim		
	 I have developed a hardware application 	\checkmark			[1			
	Any others, please specify										
3											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Before Learning			ing	g 🔰 After Learnin			ng
10.		1 2 3 4 1 2		3	4				
1	The learner has gained only theoretical knowledge	11	1					1	
	He / She has gained theoretical & practical knowledge	[/					/	
_	 The learner has developed my Coding skills 	-	1					~	
	b. The learner has developed a product	-						/	
2	 c. The learner has developed a system or process 	1						/	
2	d. He/She has developed his/her problem solving skills	1					· · · ·	/	
	e. He/She has developed a computer based application	1							
	 The learner has developed a hardware application 	1							
	Any others, please specify								
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understand the fundamentals of core Java and have a computer works. -> understanding the goals and structure -> to leasen how to take a problem > 700 lean basics of programming with modern programming longuage. -> use some functions in the code. -> beveloped as smill by using Dops uncept -> An ability to use current tochigue skills and tools. -> use the cossected booping construct for situation of code.

Y. South ya Student Signature With Date

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Assessment Report Skill Oriented Course

	Submitted by	Marks								
Name	B- puliyanka	Interim Assessment and Report (20	1 9,9	 						
Roli No.	JINUSADDO	Marks) Outcomes (10 Marks)	15							
Program	B. Tech	Finet Presentation (10 Marks)	9							
Status of Completion	Completed / Not Completed	Total Marks	41							
PO+ Articized	PO1 PD2 PO2 PO6 PO5 P04	POI POI POL POP POY	1 2011 BOTS	P\$01 49013						
	Mder	<u></u>	<u></u>	2 ber						
Signature of	Course Facilitator with Date	Signature of HoD with Date								

Roll No. : JNUSA0201 Course Code : Joffsog Title of the Course : Jor - MOOCS (COME JOVA)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Before Learning			[_ ,	After Learning				
_		1	2	3	4	1	2	3	4	
1	These gained only theoretical knowledge						<u> </u>			
	I have gained theoretical & practical knowledge	∇			-			<u> </u>	~	
	 I have developed my Coding skills 					l i		1	<u> </u>	
	 b. I have developed a product 	∇		I			-	<u> </u>	. /	
2	 c. I have developed a system or process 	Ī			\vdash			l i	Č	
	 d. I have developed my problem solving skills 		$\overline{\mathbf{v}}$					$\overline{}$	-	
	 I have developed a computer based application 		-			\vdash	\vdash	+	~	
	 I have developed a hardware application 					- 1	-	$\overline{\mathbf{v}}$		
	Any others, please specify							<u> </u>		
3										
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandalory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandata and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore I	lean	ilng	Ā	ter L	eami	ΠQ
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	-					-	<u>۴</u>	
	He / She has gained theoretical & practical knowledge	17							
	 The fearner has developed my Coding skills 	~						<u>-</u>	~
	b. The learner has developed a product	17						\succ	
2	 The learner has developed a system or process 				\vdash			É	\vdash
	 He/She has developed his/her problem solving shifts 	Ť	—	-				-	1
	 a. He/She has developed a computer based application 	2						7	-
	 The learner has developed a hardware application 	171		-	\vdash		—i	-	-
	Any others, please specify	-						_	
= Í	-								
3									
- I									
[

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understand The lundmen and how Weyks. Computer Javo The Muc sunclustanding goals e Jake how ±ο 16 mobelm pslogramming Ubinguage v basics of progolaniming functions in Jeann. UN Asmu. using hen by Reveloped ውኦ -> An ability to use comment techniqu -es, skills and tools. - our the correct looping construct for situation of cocle. Ы anka Student Signature with Dal

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Assessment Report Skill Oriented Course

	Submitted by	Ма	irks	
Name	B. Rakesh	Interim Assessment and Report (20 Marks)	8-7	11 8 5
Roll No.	21N V 5A0202	Outcomes (10 Marks)	20	
Program	B.Tech	Final Presentation (10 Marks)	۶.۶	
Status of Completion	Completed / Not Completed	Total Marks	57	
PDs Addressed	PDI PO2 PO3 PO4 PO6 POB	PD6 P07 P08 P03 P01	10 POIL POIL	PEO1 PSO12
Signature of	Course Facilitator with Date	Signature of	HoD with Dat	8

Roll No.	:	21005 00202		
Course Code	:	SOC-MOOLS	Como.	TANT
Title of the Course	7	SOC-HOOLS	Core	stura

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

	Before Learning After Learnin						ng	
Description	1	2	3	4	1	2	3	4
I have gained only theoretical knowledge		~					\checkmark	
I have gained theoretical & practical knowledge		~			L	<u> </u>		\checkmark
 a. These developed my Coding skills 					<u> </u>			
b. I have developed a product	1			_		<u>14</u>		
c. I have developed a system or process			i—		-	14	1	-
 d. These developed my problem solving skills 	\checkmark				.i	-	4	·
 I have developed a computer based application 	12						~	<u> </u>
 I have developed a hardware application 	1	1				V		l
Any others, please specify								
•								
and an and all a second contracts and a second contracts and								
	I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product	Description 1 I have gained only theoretical knowledge 1 I have gained theoretical & practical knowledge 1 a. I have developed my Coding skills 1 b. I have developed a product 1 c. I have developed a system or process 1 d. Thave developed my problem solving skills 1 e. I have developed a computer based application 1 f. I have developed a hardware application 1	Description 1 2 I have gained only theoretical knowledge	Description 1 2 3 I have gained only theoretical knowledge	Description 1 2 3 4 I have gained only theoretical knowledge - - - I have gained theoretical & practical knowledge - - - a. I have developed my Coding skills - - - b. I have developed a product - - - c. I have developed a system or process - - - d. Thave developed a computer based application - - - f. I have developed a hardware application - - -	Description 1 2 3 4 1 I have gained only theoretical knowledge 1 2 3 4 1 I have gained theoretical & practical knowledge 1	Description 1 2 3 4 1 2 I have gained only theoretical knowledge 1 2 3 4 1 2 I have gained inteoretical knowledge 1 2 3 4 1 2 I have gained theoretical & practical knowledge 1 1 2 1 1 2 a. I have developed my Coding skills 1 1 1 1 1 1 1 1 b. I have developed a product 1	Description 1 2 3 4 1 2 3 I have gained only theoretical knowledge I

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

		Before Learning	After Learning
No.	Description	1 2 3 4	1 2 3 4
1	The learner has gained only theoretical knowledge		
1	He / She has gained theoretical & practical knowledge		
	 The learner has developed my Coding skills 		
	b. The learner has developed a product		
2	 c. The learner has developed a system or process 	/	
	 He/She has developed his/her problem solving skills 		
	e. He/She has developed a computer based application		
	 The learner has developed a hardware application 	<u> /i </u>	
	Any others, please specify		I
3			

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid tearning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

· I have learned theorifical knowledge in bolel. · By learning through the course I have completed some of the assignments too. · knowstedge of modern programming language tools use well gained. · Learned to install the new software related to this course and submission of file too. · Understood various concepts like ODPs, Inhexilant abstract keywords etc. · Leouned the Grame app development concept which is very interesting. · Developed new skills in problem solving questions related to the core Java. · Basic roding core Java projects asce developed by using the guidance

8. Ratech 21/1/2022 Student Signature with Date

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Assessment Report **Skill Oriented Course**

	Submitted by	14:	arks
Name	D. Venkata Sai Rakish	Interim Assessment and Report (20 Marks)	 4.6 ¥.5
Roll No.	2 INVSA02 03	Outcomes (10 Marks)	<i>[K</i>
Program	B. Tech	Final Presentation (10 Marks)	\$2.5
Status of Completion	Completed / Not Completed	Total Marks	91
POs Addressed	PO1 PO2 PD1 PO4 PQ3 PO1	PON POT PON POR PO	10 PO11 PCF12 PS01 PS012
	PUT 12		16/12/20 ·
Signature of	Course Facilitator with Date	Signature of	HoD with Date

Roll No.	: 21NUSA0203
Course Code	:2066503
Title of the Course	: SOC - MODES (COOL - JAVA)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Ma	Presiding	Before Learning After Learning						ng	
No.	Description	1	2	3	4	1	2	r Learning	
1	I have gained only theoretical knowledge	\checkmark	ĺ					\checkmark	
2	Thave gained theoretical & practical knowledge	\checkmark			[\mathbf{x}	
	 I have developed my Coding skills 		\checkmark		1			\checkmark	
	 b. I have developed a product 	\sim					\sim		[
	 c. I have developed a system or process 		$\mathbf{\nabla}$						
	 I have developed my problem solving skills 		\sim						\sim
	e. I have developed a computer based application	\checkmark]]	[
	 I have developed a hardware application 	\checkmark						\checkmark	
	Any others, please specify								
3									
3	12								

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandalory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

k la	Description		ore I	eam	ing	After Learning					
No.	Description	1	2	3	4	1	2	3	4		
1	The learner has gained only theoretical knowledge	-	[
	He / She has gained theoretical & practical knowledge	1						1			
	 The learner has developed my Coding skills 	1						/			
	 The learner has developed a product 		1					i	<u> </u>		
2	 c. The learner has developed a system or process 	1						1			
	d. He/She has developed his/her problem solving skills	1				[1			
	 He/She has developed a computer based application 		[11			
	f. The learner has developed a hardware application	/									
	Any others, please specify										
з											
5											
									- 1		
							22				

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> hearned the importance of coding. -> Improved my coding skill. > hearned how to take a predlem, figure out the algorithm to waite cade. -> Lesaned the basics of programming larguage -> understand how to install & use a good java de relegarent Environment. -> To understand the Expension & Yourables. >> heasined about new concepts helpful in Softwale Serton. > Developed a app which is in basic to know the concepts of java -> understand about New Legics like palynorphism, inhereitence etc

D: Raked 20/1/2 Student Signature with D

NSRIT, Sontyam, Visakhapatnam 531 173, AP

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Assessment Report **Skill Oriented Course**

	Submitted by	Ma	arks							
Name	D-Sindhucha	Interim Assessment and Report (20	Ι	ĸ						
	p. Sintowing	Marks)	9. (9.5						
Roll No.	RINUSAD204	Outcomes (10 Marks)	(Å)							
Program	B. Tech	Final Presentation (10 Marks)	95							
Status of Completion	Completed / Not Completed	Total Marks								
PO4 Addressed	POI POE Nos POI MOS POR	PG4 P07 P08 PC9 P01	POIL FOR	2 2501 P\$012						
	Re 12	Ry	Joines	2						
Signature of	Course Facilitator with Date	Signature of HoD with Dala								

Roll No.	5	JINUSADA04	
Course Code	1	2066 \$03	
Title of the Course	:	MODGES - COR	Java

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Description	LBe	efore L	ഷണ	ng	After Learning						
	1	2	3	4	1	2	3	14			
I have gained only theoretical knowledge							-	<u> </u>			
I have gained theoretical & practical knowledge	100		\vdash		<u> </u>	<u> </u>		~			
 Thave developed my Coding skills 	10		1		-		1				
b. I have developed a product	1					1	-	1			
c. I have developed a system or process	1						-				
 I have developed my problem solving skills 		\mathcal{V}_{-}		·		~	_	-			
 I have developed a computer based application 	1				_	-		~			
	~						V				
Any others, please specify											
	Description I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed a computer based application i. I have developed a hardware application Any others, please specify	1 1 1 have gained only theoretical knowledge 1 1 have gained theoretical & practical knowledge 1 a. 1 have developed my Coding skills 1 b. 1 have developed a product 1 c. 1 have developed a system or process 1 d. 1 have developed a system or process 1 e. 1 have developed a computer based application 1 i. 1 have developed a hardware application 1	1 2 1 1 1 2 1 1 1 2 1 1 1	1 2 3 1 have gained only theoretical knowledge - 1 have gained theoretical & practical knowledge - a. I have developed my Coding skills - b. I have developed a product - c. I have developed a system or process - d. I have developed a system or process - e. I have developed a computer based application - i. I have developed a hardware application -	1 2 3 4 1 have geined only theoretical knowledge - - - 1 have gained theoretical & practical knowledge - - - a. I have developed my Coding skills - - - - b. I have developed a product - - - - - c. I have developed a system or process - - - - - d. I have developed my problem solving skills - - - - - - e. I have developed a computer based application - - - - - - i. I have developed a hardware application - - - - - -	1 2 3 4 1 1 2 3 4 1 1 have geined only theoretical knowledge	1 2 3 4 1 2 1 2 3 4 1 2 1 have geined only theoretical knowledge - - - 1 have geined theoretical & practical knowledge - - - 1 have developed my Coding skills - - - - 1 have developed a product - - - - - 1 have developed a system or process - - - - - 1 have developed a computer based application - - - - - 1 have developed a hardware application - - - - -	1 2 3 4 1 2 3 1 2 3 4 1 2 3 1 have geined only theoretical knowledge - - - - 1 have geined theoretical & practical knowledge - - - - 1 have developed my Coding skills - - - - - 1 have developed a product - - - - - - 1 have developed a system or process - - - - - - 1 have developed a computer based application - - - - - 1 have developed a hardware application - - - - -			

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore l	earr	After Learning				
1		1	, 2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge				<u> </u>		-		
	He / She has gained theoretical & practical knowledge			-				<u> </u>	-
	 The learner has developed my Coding skills 	1	-	1	t i				
	 The learner has developed a product 		-				:	5	-
2	 The learner has developed a system or process 	1						1	-
	 He/She has developed his/her problem solving skills. 							1	-
	e. He/She has developed a computer based application	1						-	
	 The learner has developed a hardware application 	1	1				i	<u>_</u>	-
	Any others, please specify		-						_
3 İ									
"									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding like skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Understand the fundamentals of Con Java and how a computer works. - y Undeastanding the goals & structures. To leave how to take a problem. in use of some opunctions in the code. -> Developed skills by using the DOP's concept. - descent basics of programming with modern programming language. -> An ability to we associat techniques, -? Use the correct or looping construct for situations of code.

D. Smithrelia Qg/u/22 Sludeni Signature with Date

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Deposed by ACTE, New Order & Alfred & Alfred & Article & An 30 (101, 100 (469) & 60 (2011 Control Induition) Researched under 3(1) of the UEIC Act 1956 # Ascredited by NAAC with "A" Grade (3.16/4.00) #CHETYAM, Pendurial - Anemiapurate Highedy, Visabhapatham - 631173, Ph : 9565924157, 00904646466, www.astil.adu.in

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Assessment Report Skill Oriented Course

	Submitted by	N.	arks	
Name	G, Nishanik Baba	Interim Assessment and Report (20 Marks)	। <i>भ</i> .४	 \$
Roll No.	2 1NV 5A02-05	Outcomes (10 Marks)	ť	6
Program	В.Тесн	Final Presentation (10 Marks)	8	5
Status of Completion	Completed / Not Completed	Total Marks	9	V
PQ\$ Addensed	PDI PD3 P03 P04 P05 N31	PDI PO? POB NOP N	010 PC11 PO	PEOT PEOT
	MAIN		ALLAN -	22
Signature of	Course Facilitator with Date		t HoD with D	

Roll No.	12.1NUSA02.05
Course Code	: 20EES03
Title of the Course	SOC-MODES (CODE-TOUR)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

b la	Description	Be	efora L	eaml	ng		Afler	Learn	ng
No.	Description	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	ζ						5	
	I have gained theoretical & practical knowledge	~						1	
	a. I have developed my Coding skills		5					5	<u> </u>
	 I have developed a product 	\mathbf{v}						100	
2	 I have developed a system or process 		5				52		$\boldsymbol{\nu}_{-}$
	 I have developed my problem solving skills 		V					5	
	e. I have developed a computer based application	1					5		
	 I have developed a hardware application 	5					•	~	
	Any others, please specify								
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description		íore L	earn	ing	After Learning					
No.		1	2	3	4	1	2	3	4		
1	The learner has gained only theoretical knowledge										
	He / She has gained theoretical & practical knowledge		/]			[1		
	 The learner has developed my Coding skills 	1						/	[
	b. The learner has developed a product	1						1			
2	c. The learner has developed a system of process	1						1			
	 He/She has developed his/her problem solving skills 	1	[1			
	e. He/She has developed a computer based application		1					\sim	[
	 The learner has developed a hardware application 	1						1			
	Any others, please specify										
3											

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

 \rightarrow I have improved my coding skills \rightarrow Demonstrate basic problem solving slitly

- -> To learn how to take a Porblem figure out the algorithm to write Code.
- -> To learn basic of programming with a modern programming language.

-> understand how to install and use a good stave development environment.

-> To understand the expressions and variables

- -> learned about the new concepts helpful in software sector.
- -> Developed a app which is in basic to know the concepts of Java.
- -> Developed a skill by using copy context.
- -> understand about new topics like polymosphism, inheritance etc.,

Gi-Wishark hab Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU NSR INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Approved by AETT), New Cashi I Addition to ArTUM, Calvases I Are GO 1001, (SO 1405) & (SO 4501) Cashier Pressent) Recognized under 7(1) of the UOC Act 1936 9 Accredited by MAAC with 'A' Drade (3 10/4 09) SCICTYAM, Pendurthi - Anondapuram Highway, Vashkapalaam - \$31173, Ph : \$555874187, \$595464545, www.narij.edu.in

Assessment Report Skill Oriented Course

	Submitted by						Mark	.5					
Name	KNJ Lotest) Vorma	and l	nterim Assessmeni I nd Report (20 larks) &				8-9					
Roll No.	01NVSA020	9 6	Oute Mark			(ey		۲ ₽					
Program	ogram		Final Presentation (10 Marks)					9					
Status of Completion	Completed / Not Completed		Total Marks					45					
POs Addressed	P01 P03 P03 P04	POS POL	104	101	P00	101	POto	PQ11	PD12	P\$01	P\$042		
	Perla	/				_	RAC	eNia	s. Ind	14-			
Signature of	Course Facilitator	with Date	Signature of HoD with Date										

Roll No.	;	2140560206	
Course Code	;	20E € S0 3	_
Title of the Course	:	soc - Mocs	(Core - Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		ilore Li	earni	нg	After Learning					
110.	ניפאג קשטוו	1	2	3	4	1	2	3	4		
1	I have gained only theoretical knowledge										
	I have gained theoretical & practical knowledge	<			:			5			
	 a. I have developed my Coding skills 	1	1		:				\sim		
	 b. I have developed a product 	ζ				-		V			
2	c. I have developed a system or process		1			:			$\overline{}$		
	 I have developed my problem solving skills 	\sim					ζ				
	e. I have developed a computer based application	\mathbf{V}							\checkmark		
	 f. I have developed a hardware application 	\sim			[V			
	Any others, please specify										
3											
•											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However It is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final essessment.

No.	Description		fore L	.eam	ilng	After Learning				
MUX.		1	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge									
	He / She has gained theoretical & practical knowledge	10						1		
	 The learner has developed my Coding skills 	1		-				/		
3	b. The learner has developed a product		/					1		
2	c. The learner has developed a system or process	1						1		
	d. He/She has developed his/her problem solving skills	1						1		
	e. He/She has developed a computer based application	1						1		
	f. The learner has developed a hardware application	1						1		
	Any others, please specify									
3										
э										

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Learners Descriptive Learning Outcomes (Learners are expected to write ten – filleen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

- I have simproved my Codlag skills - Demonstrate basic problem Bolving skills. - To kearn how to take a problem. -Figure out the algorithm to write Code. - To Kearn basic of programming with a modern programming dauguage Tova - + understand how to Postall and use a good Java development Environment. - To understand the Expression and Variables. -+ Kcamed about the were concepts helpful fu software sector. - peveloped a app which is in basic to know the coulopts of Java. - Understand about new to pice like polymor-- pluision, Pulueritance etc , - Doveloped a skin by using Dops Concept.

Student Signature with Dat

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Assessment Report Skill Oriented Course

	Submitte	id by								Mark	Б			
Name	Nicho	onan	an kuman Reddy			Interim Assessment y and Report (20 Marks)					1 9 (5		
Roil No.	QINU	SAD	207	-		Cutc Mark	ome: a)	s (10	Q	.)		18		
Program						Final (10 N		senta i)	tion			95		
Status of Completion	Comple Comple		Not			Total Marks					46			
PCs Addressed	P01 P02	P03	PG4	405	106	P06	POT	P08	P09	1014	100	P012 P501	P\$042	
	R	to	_						4	<u>NG</u>	LA HA	12m		
Signature of	Signature of Course Facilitator with Date					Signature of HoD with Date								

Roll No.	: 2 110USB0209	
Course Code	:20EESP3	
Title of the Course	: SOC - MOOKS	(COPE JAVA)

Learning Dutcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		efore L	eaml	ng	After Learning					
NU.	Description	1	2	3	4	1	2	3	4		
1	I have gained only theoretical knowledge										
	I have gained theoretical & practical knowledge	~							~		
	 I have developed my Coding skills 	1						1			
	 I have developed a product 	1							1		
2	 c. I have developed a system or process 	1							1		
	 I have developed my problem solving skills 		1					\sim			
	e. I have developed a computer based application	1	S						\checkmark		
	 I have developed a hardware application 	1	[[
	Any others, please specify	0.00									
3											
5											
					1670	-					

Learning Outcomes (Please tick appropriately based on the tearners learning outcomes) (To be filled by faculty during one to one essessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore L	.eam	ing_	A	ter L	eami	ng
NO.	Ocean pool	[1]	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	1						1	
	He / She has gained theoretical & practical knowledge	1	-					1	
	 The fearner has developed my Coding skills 		-					1	
	b. The learner has developed a product	1]				1	
2	c. The learner has developed a system or process	1						1	
	 He/She has developed his/her problem solving skills 			i				1	i
	e. He/She has developed a computer based application			([
	 The learner has developed a hardware application 	1		5				1	
	Any others, plasse specify								
3									
									~

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> I have improved my coding skills -> Demonstrate basic problem solving Sicilia -> To have how to take a problem. tigure out the algorithm to write code -> To learn basic of programming with a modern programming language. JAVA -> undustand how to install and use a good JAVA development environment. -> To understand the expression and variables -> learned about the new concepts helpful in software dector -> Developed a app which is in baric to know the concepts of JAVA. -> understand about new topics like Priolymorphisim, inheritance etc ; -> peveloped a skill by using boos Concept -

Student Signature with Date

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DEPARTMENT OF FLOCTRUCAL AND ELECTRONICS ENGINEERING V SEMESTRR - SKILL, ORIENTED COURSE - IN

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202850] - CORE JAVA FINAL MARKS

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7	John and a second	CHAPPA CHUDAMANI	27	-	15	ંડ	71		9,5	<u>⊢_</u>	
8	and the second s	CHINTHALA JANANI			43	5	t7	-	9	- 16	
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b		OLLAVILLI MANI DEEPAK	9.9	_	3.5	- 4	1 16	╋		<u> </u>	
_	the second secon	ORLE SADATVAS	86		35	+	1 15	+		- 41	
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14		TRAMSETTY JANARDEIAN KUMAR	9.7	_ -	11	4	1 18	4-	-	<u>91</u> 42	
15		AKRANA ASHOK	95		3	3	1 15	-¦-	9.5	43	
	MICOLANYIS JR	ALLA VAMSI KRISHINA	- 26	_[4.5	1	1 17	1-		38	
20		ARAKA REVATHI	- 9-2		4	4	17	+-	<u> </u>	- 43	
17	AULO INDIA IK	ASSEY DRUESH SALCHARAN	8.0	1	4.5	5	1 10	┦──		0	
18		ENCUVA UMA MAHCSIPAR	80	13		3	19	<u> </u>	P.5	45	
12	M	IRTHEPATE LOKESH	9.8	T	.5	5	19	╇	9.5	6	
<u>20</u>	N	KKELLA DIVYA	9.7			4		+	<u>\$_5</u>	47	
zı	20MULAZ222 DNI	RINOCCA HARA	9.6		5		16	╄	T	42	
ųΤ	Thursday and	RUJOGERANESH	C 8.2		5 1	5	LO	<u> </u>	- 15	46	
29	THE PLANE AND A	MAADI UDAY SRINTVAS	. 45	1		÷	L_ 18	Ļ	9.5	46	
мТ	Series and a series of the	ASETTI YERNI BABY	9.7	1			17		- *	13	
5	West of a second	APU VASANCHI	9.5				17	L			
ó (DOLDER ALLONG	ALA YUCANDILAR	2.7	4.5		5	18		9.5	45	
7	The second	LAPU NAGA SOWMYA SRIDE	9.7		<u> </u>	5	11	. –	9	43	
	ALCONT DE	ARA PRIYANKA	9,9	43	_	<u> </u>	18		2	46	
, 1 -	(Hhursteiner	KOFLA RAIGESH	B.7	_	- <u>+</u>	5	18				
	billion and the second s	ARMANA VENKATA SAI RAXESH	9.6	4.5	<u> </u>	<u>s</u> [211		9.5	46	
		JUI SINDIJOSHA	2.4	35	_	<u>+</u> [16	_	85	47	
<u> </u>	GAT GAT	ULA MIZHANK BABA		4.5	-	5	10 5			- 41	
	KN KN	AGANNADHA LOKESP VINH	- 9.4	4			36			46	
		LAPU CHARAN KUMAR REDUY	\$9	45		, –	15		- <u></u>	42	
	20NUSA0008 PALL	JRI SAI VENKATA TEJA	9.1	4.5						45	
	0	A TRANSPORT	9.2	+					9.5	46	

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Liamont by ACTE, No. Date 1 Albanic In MICE, Cabrain 1 An 600 Mith, the LINE AND Control Control Investory Referenced under 2013 of the LINE Art 1939 I Actnotified by NAAG with 'A' Grade (3.16/4.00) SONTYAN, Pangertte - Anandapuran, Highway, Vanishingebrein - 534 I F3, Ph.: 00036241 I T, 600044444, www.statu.com.te

Assessment Report Skill Oriented Course

*1			6
r1 1Name C	A Rivya	Interim Assessment and Report (28(10 Marks) +10)	1 II - 17
Roll No.	20NUI A0201	Outcomes (10 20 Marks)	18
Ptogram	B. tech	Final Presentation (10 Marks) 4 VIVA	lo
Program Stalus of Completion	Completed / Not Completed	Total Marks	45

Roll No.	÷	20101A020
Course Code	:	2066303
Title of the Course	;	Soc - MODES (60712 JAVA)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	etore L	eami	ng		Alter	Léami	ng
		11	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge								2
	I have gained theoretical & practical knowledge	1V	<u> </u>						V
	 a. I have developed my Coding skills 	1	-					$\overline{}$	
	 b. I have developed a product 	$\overline{\vee}$	1	! -		<u> </u>			1
2	 I have developed a system or process. 	∇		Ī		-			\checkmark
	 i have developed my problem solving skills 		$\overline{\nabla}$					V	-
	e. I have developed a computer based application	\checkmark			-				V
	 I have developed a hardware application 	1		-			<u> </u>	V	
	Any others, please specify								
3									
Í									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore (ean	After Learning				
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	1					<u> </u>	~	
	He / She has gained theoretical & practical knowledge		1			<u> </u>	<u> </u>	-	
	 The learner has developed my Coding skills 	1 -	1	_					
	 The learner has developed a product 	1			<u> </u>		 	-	
2	 The learner has developed a system or process 	~					İ 🗌	-	-
	d. He/She has developed his/her problem solving skills							2	
	 He/She has developed a computer based application 		~						1
	 The fearner has developed a hardware application 		/		;				~
	Any others, please specify								
ai									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> I have improved my cooling skills. -> Demonstrate basic ponoblem salwing skills. -> TO Jean how do dake a pooblem, figure out the algorithm to carite code. -> understand how to install and use a good Java development envisionment + TO Understand the exponessions and ubridbles. - Learned about the new concepts help-buil in solutione sector. -> peveloped a app which is in basic to know the correpts of Java. -> peveloped a skill by using cops concept - undernstand about new dopics like polymornism inheritance ster. 11

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Assessment Report Skill Oriented Course

:	Submitted by	Marks							
Name	А·Bhagat	Interim Assessment and Report (20 Marks)	1 II 18						
Rali No.	20NU1A0202	Outcomes (10 Marks)	18						
Program	B-Tech	Final Presentation (10 Marks)	(_d						
Status of Completion	Completed / Not Completed	Total Marks	POR POR PION MODIA						
Signature of	Course Facilitator with Date		Aè <u>les</u>						

Roll No.	: 20NULA0202
Course Code	1.40EE.503
Title of the Course	mentio SOC-MODES CLOVE JAVA)

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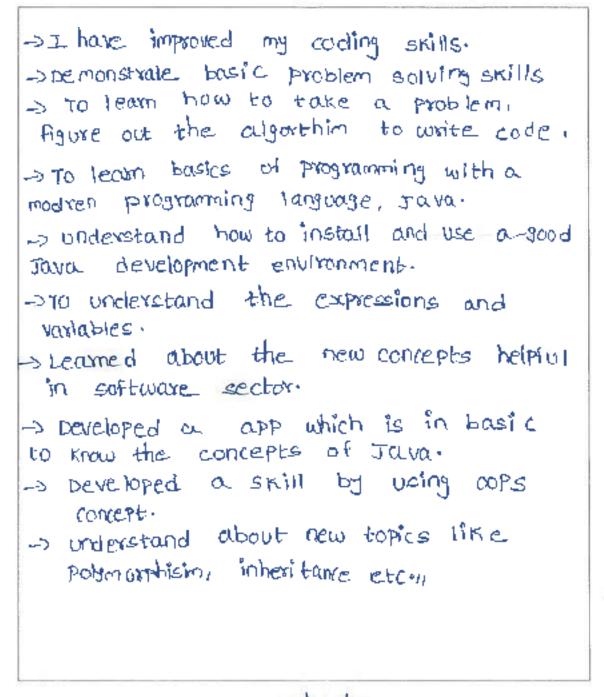
Learning Outcomes(Please tick appropriately based on your course) (Self-Assessment)

Description		Before Learning				After Learning				
		2	3	4	1	2	3	4		
I have gained only theoretical knowledge	·						i i			
I have gained theoretical & practical knowledge	~					1	i	1		
 I have developed my Coding skills 	$\overline{\mathbf{v}}$						~	l		
 I have developed a product 	~							1		
 Litave developed a system or process 	V							1		
 I have daveloped my problem solving skills 		\checkmark					V			
e. I have developed a computer based application	\sim							~		
 I have developed a hardware application 	\checkmark						\sim			
Any others, please specify										
	 I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed a product b. I have developed a product c. I have developed a system or process d. I have developed a computer based application i. I have developed a hardware application 	I have gained only theoretical knowledge I I have gained theoretical & practical knowledge I a. I have developed a product Image: Second system of process b. I have developed a system of process Image: Second system of process c. I have developed a system of process Image: Second system of process d. I have developed a computer based application Image: Second system of process i. I have developed a computer based application Image: Second system of process i. I have developed a computer based application Image: Second system of process i. I have developed a computer based application Image: Second system of process i. I have developed a hardware application Image: Second system of process	i 2 i have gained only theoretical knowledge i i have gained theoretical & practical knowledge i a. I have developed aproduct i b. I have developed a product i c. I have developed a system or process i d. I have developed my problem solving skills i e. I have developed a computer based application i i. I have developed a hardware application i	i 2 3 i have gained only theoretical knowledge i 2 i have gained theoretical & practical knowledge i i a. I have developed aproduct i i b. I have developed a product i i c. I have developed a system or process i i d. I have developed apped my problem solving skills i i e. I have developed a computer based application i i i. I have developed a hardware application i i	i 2 3 4 I have gained only theoretical knowledge Image: Second Sec	i 2 3 4 1 I have gained only theoretical knowledge Image: Second	i 2 3 4 1 2 I have gained only theoretical knowledge i<	i 2 3 4 1 2 3 I have gained only theoretical knowledge i<		

Learning Outcomes(Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Description	11	2	3	4	1		2	4
			1 × .	-		2	10	4
The learnerhas gained only theoretical knowledge]					[
He / Shehas gained theoretical & practical knowledge	1						1	
 The learner has developed his/her Coding skills 	\sim	1						/
 The learner has developed a product 		1	İ					/
 The learner has developed a system or process 								/
d. He/She has developed his/her problem solving skills			i.					ł
 e. He/She has developed a computer based application 	1		I					1
 The learner has developed a hardware application 			!					1
Any others, please specify		-010						
	 a. The learner has developed his/her Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application 	a. The learner has developed his/her Coding skills / b. The learner has developed a product ////////////////////////////////////	a. The learner has developed his/her Coding skills ************************************	a. The learner has developed his/her Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	a. The learner has developed his/her Coding skills	a. The learner has developed his/her Coding skills	a. The learner has developed his/her Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	a. The learner has developed his/her Coding skills b. The learner has developed a product c. The learner has developed a system or process d. Me/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.



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Assessment Report Skill Oriented Course

	Submitted by	Mari	ks
Name ALLA POU VINA		Interim Assessment and Report (20 Marks)	1 II 18
Roll No.	20NUI A0203	Outcomes (10 Marka)	/ B
Program	8-Tech	Final Presentation (10 Marks)	10
Status of Completion	Completed / Not Completed	Total Marks	46
POv Addressed	POL POZ POJ POL POS IN		1 4011 (5012 PSOI PSOI2
Signature of	Course Facilitator with Date	Signature of H	toD with Date

Roll No.	: 2DNULA0203-
Course Code	: 2086503
Title of the Course	SOC- MODES (Core Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

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3 4	2]	1	4	3	2	1		No.	
							I have gained only theoretical knowledge	1	
· ·						$\overline{\mathbf{v}}$	I have gained theoretical & practical knowledge		
\sim						J	a. I have developed my Coding skills		
~						\sim	 I have developed a product 		
×			i			1	 c. I have developed a system or process 	2	
\mathcal{A})		\checkmark		 I have developed my problem solving skills 		
/ 🗸						\mathbf{i}	e. I have developed a computer based application		
\sim	- ·					\checkmark	 I have developed a hardware application 		
							Any others, please specify	3	
								3	

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learning					After Learning				
MHQ.			-2	3	4	1	2	3	4			
1	The learner has gained only theoretical knowledge		_					/				
8	He / She has gained theoretical & practical knowledge	1							1			
	 The learner has developed my Coding skills 	1										
	b. The learner has developed a product	1										
2	 The learner has developed a system or process 		ſ.,									
	 He/She has developed his/her problem solving skills 		1									
8 - 3	e. He/She has developed a computer based application	-	1	[1				
-	 The learner has developed a hardware application 	1		[/			
	Any others, please specify											
1												
3												
à 1												

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Understand the fundamentals of core Java and how a computer work! -> Understanding the goals & structure -> To leave how to take a problem. -> To leave basics of programming with modern Programming language Use some functions in the code. -> Developed as skill by using pops concept -> An ability to use current technique, skills and tools. Use the correct looping construct for situation of code .

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Assessment Report Skill Oriented Course

	Submitted by	Ma	rks					
Name	A . 4 .	Interim Assessment	I	Ш				
manite	-AAswini	and Report (20 Marks) [a -t1 o	9.4	9.5				
Rolí No.	20NVIA0205	Outcomes (10 Marks)	13	7				
Program	B-rech	Final Presentation (10 Marks)	9.5					
Status of Completed / Not		Total Marks	45					
POs Addressed	P01 P0a P03 P04 P06 P04	P06 P07 P08 P09 P030	POIL POR	PS01 PS012				
	Ko 1/12	- BOU	Non-					
Signature of	Course Facilitator with Date	Signature of HoD with Date						

Roll No.	: 20NV1A0205
Course Code Title of the Course	SDEES03
1115 FT 112 VOUISD	SOL - MODICS (CORE DAVA)

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Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

have gained only theoretical knowledge	1	2	~					ing
nave geined only theoretical knowledge		<u> </u>	3	4	1	2	3	4
	17		1				~	
have gained theoretical & practical knowledge			1					
 I have developed my Coding skills 	2		-			5	<u> </u>	í – –
 I have developed a product 	5					-		
 I have developed a system or process 	1					-	~	
d. I have developed my problem solving skills	$\overline{\mathbf{z}}$					-	-	
e. I have developed a computer based application	-	~					1	Ě
 I have developed a hardware application 		<u> </u>			-		_	
ny others, please specify	-						_	
					. T.			
								- 1
	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed a computer based application f. I have developed a computer based application f. I have developed a hardware application ny others, please specify	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills c. I have developed a computer based application I. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills c. I have developed a computer based application f. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills c. I have developed a computer based application f. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills c. I have developed a computer based application f. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills c. I have developed a computer based application I. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application I. I have developed a hardware application	a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application I have developed a hardware application

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by facuity during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No,	Description		fore	Lean	After Learning					
_		1	2	3	4	1	2	3	Ī	
1	The learner has gained only theoretical knowledge	-	ľ			-		-		
	He / She has gained lineoratical & practical knowledge	1	<u>∤</u>		r		<u> </u>	-	-	
	 The learner has developed my Coding skills 	+	1					F		
j	 b. The learner has developed a product 	12	-	 				<u> </u>		
2	 The learner has developed a system or process 	17	\vdash					1	r .	
	He/She has developed his/her problem solving skills	17	-	-				2		
l	 e. He/She has developed a computer based application 	$\overline{}$	-						-	
	 The learner has developed a hardware application 		1		t t				~	
	Any others, please apacify	-	-	1.000					1	
		3								
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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

to Understand the fundamentals of the Java and how a compilien white * understanding the goals & staucture ÷ki To leave how to take a periodilem, -**k**ə teasin basics of forogoramoniting with ∂T modern primming brguoge . no use som function in the code. to Developed as skill by using Dops Concept. to the ability to use abovent -lechniques, salls and -tools. +6USE the alment looping constauct for situation of Code.

AvASubir Vi Student Signature with Date



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Assessment Report Skill Oriented Course

	Submitted by					Mark	(3	
Name	CH-CHUDRMANI		Repo		smen Ø	t	і 9.7.	11 9.5
Roll No.	POR UTAD 204	Outo Mari	iome (6)	s Ø0			19	F
Program	B. Tech		Final Presentation (10 Marks)			1		
Status of Completion	Completed / Not Completed	Tola	l Mar	kş.			4	5
PCs Addressed	P01 P03 P03 P04 P06 P0	H POC	101	Pas	PDN	POIR	POIL BOIS	PS01 P6012
Signature of	Course Facilitator with Date			Cine	ß	4 C.	16/12/2 D with Da	2

Roll No. ; DOMULADA04 Course Code ; DOECSOB Title of the Course : MIDDLS(LOR, JAVA)

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	[Be	efore L	earn	ng		Aflar	Learn	ing
		1	2	3	4	1	2	; 3	4
1	I have gained only theoretical knowledge							· · · · ·	
	I have gained theoretical & practical knowledge			-					V
	 a. I have developed my Coding skills 	\checkmark							
	 b. I have developed a product 	~	-						10
2	 c. I have developed a system or process 	V							1
	d. I have developed my problem solving skills	-	\checkmark					$\overline{\mathbf{v}}$	
•	e I have developed a computer based application	~					<u> </u>		
	 I have developed a hardware application 	$ \vee $						1	
	Any others, please specify							<u> </u>	
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i		_				_			

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore	Learr	ing	A	ter L	earni	ng
		1	. 2	13	4	1	2	3	4
1	The learner has gained only theoretical knowledge			í	-			<u> </u>	
	He / She has gained theoretical & practical knowledge		-		+ ·				7
	 The learner has developed my Coding skills 	7	-				·		\vdash
	b. The learner has developed a product	7	-			<u> </u>		1	\vdash
2	c. The learner has developed a system or process		-						
	 He/She has developed his/her problem solving skills 	1	/						
	e. He/She has developed a computer based application	1	1						
_	f. The learner has developed a hardware application				ti				
	Any others, please specify	_		-					
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·									

Learners Descriptive Learning Outcomes (Learners are expected to write Ian – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understands the fundamental of core jour and have a computer woords. -> Understanding the goals and structure - To learn how to take a problem -I. To learn basics of programming with modern Programming Language. -> cuse some functions in the code - Developed as still by using Dops concept - for ability to use current technique shills and tools. -1 use the connected looping construct for situation of code

ch. chudomani

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NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Captured by ACCE. Non-Called Alliand in LaTick, intends (LALIO) (004, 400 value) & 400-4004 (Latina) (Million) Reconstructed product 3(1) of the UAC Acct 1999 4 Accurations by MAAC which the Course (Million) 24717AM, Pandarthi - Accorderprove Highway, Washingsalman - Ebistic, Physiological (Science Science), co

Assessment Report Skill Oriented Course

0 11 -10	Submitted by	i Nk	urka.	
Name	chinthala. Janani	Interim Assessment and Report (20 Marks) 10 110	। ह-९	11 9 5
Roll No.	20001 A0202	Outcomes (40 Marks)		18
Program	B-Tech	Final Presentation (10 Marks)		9
Status of Completion	Completed / Not Completed	Total Marks	4	5
POs Addressed	1901 1903 1903 1904 1905 190 1906 190	i	90 10 100 100	
Signature of	Course Facilitator with Date	Signature of	HoD with D	late

Roll No. : 20 NO18 0208 Course Code : 206 € 303 Title of the Course : 306 - MODICS (CODE Job)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	afore L	earni	ng	1	liin I	Login	ing
110.	Description -	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge				-			1	
	I have gained theoretical & practical knowledge	V		1		<u> </u>			V
	a. I have developed my Coding skills	V		t i				~	
	b. I have developed a product	~		t i	-			~	1
2	 I have developed a system or process 	4				<u> </u>	<u> </u>	V	<u> </u>
	d. I have developed my problem solving skills		~						\checkmark
ł.	e. I have developed a computer based application	~						5	
	 I have developed a hardware application 	1		1					V
	Any others, please specify					à			
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. Harraver it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Cescription	Be	íore l	<u>.ean</u>	ing	After Learning				
нų,	Cierci (Cierci)	1	2	3	4	1	2	3		
1	The learner has gained only theoretical knowledge								-	
	He / She has gained theoretical & practical knowledge		1			· ·				
	 The learner has developed my Coding skills 			_			1			
	 The learner has developed a product 		1				1	1		
2	 The learner has developed a system or process 	1	F					-		
[d. He/She has developed his/her problem solving skills	. /								
	e. He/She has developed a computer based application								~	
	 The learner has developed a hardware application 	1					1			
	Any others, please specify						1			
3										
I										

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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attech additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> understanding the goals & structure > To leave how to take a problem -> Understand the fundamentals of core Java and how a computer works. > To leasn basics of programming with modern programming Language. -> use some functions in the code. > Developed as skill by using apped pops concept. -> An abeliety to use current techniques, skills and tols. -> Use the coosect looping construct for setuation of code.

ch. Janoni 5.5 Student Signature with Data



(/convelly ACTE. Nov Ball / Alband to RITUE, Autoria / An IDO 1001, 100 Hoth & 150 (1001 Earlief Instant) Recognized under 2(1) of the UGE Act \$338 II Assandled by NAAC with 'A' Grade (3.10/1.00) BOHTYAM, Perductul - Anandapuran Highway, Vaskhapatnan - 6311173, Ph : 9888824167, 0099404544, www.hystumta.in

Assessment Report Skill Oriented Course

	Submitted by	K	arks	
Name	DHAMMU. DUNESH	Interim Assessment	1	11
Hall 6	Dan many - Marcall	and Report (20 Marks) } e + 10	9.8	7.5
Roll No,	20 NULA0210	Outcomes (10 Marks)		16
Program	<u>в тесн</u>	Final Presentation (10 Marks)	ş	5
Status of Completion	Completed / Not Completed	Total Marks	l	н
POs Addresed	P01 P02 P03 P04 P05 P04	POS PO7 PO8 PD8 P0	P011 P0	12 PBO1 P5012
	P9 1/12	f	4 Ceens	2/22-
Signature of	Course Facilitator with Date	Signature of		

Roll No.		SONDIADELO
Course Code	÷	2066503
Title of the Course	1	MODES (1030 JODA)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

n	4						Learni	
		2	3	4	1	2	3	4
ned only theoretical knowledge]]		V	-			\checkmark	
ned theoretical & practical knowledge	\checkmark							
e developed my Coding skills	\mathbf{V}						$\overline{\mathbf{v}}$	
e developed a product	\sim							1
e developed a system or process	\sim							1
e developed my problem solving skills		1						1
e developed a computer based application	\checkmark		1.				\sim	
e developed a hardware application							$\overline{\mathcal{A}}$	
a, please specify								

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore l	Lean	ning	A	ter L	eami	ng
		1	2	3	<u> </u> 4] 1	2	3	4
1	The learner has gained only theoretical knowledge	1	1	[Ī			1	
	He / She has gained theoretical & practical knowledge	/	-					1	
	 The learner has developed my Coding skills 	/						1	<u> </u>
	The learner has developed a product		1					1	
2	 The learner has developed a system or process. 	/				1			
	d. He/She has developed his/her problem solving skills	-						1	
- 3	e. He/She has developed a computer based application	/						1	
	 The learner has developed a hardware application. 		<u> </u>					/	
	Any others, please specify	20 - 10 -							
3									
					_			-	

Learners Descriptive Learning Outcomes (Learners are expected to write len – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

- industand the fundamental of core Java, and how a computer works. -> industanding the goals & structure. -> To have been take a problem malion programming language. -> Use some functions in the code. -) we the convert hoping construct for mituation of color

Danul zalulize Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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NSRI

Assessment Report Skill Oriented Course

	Submitted by	Kla	irks	
		Interim Assessment	I	1
Name	Gi Moni Jeefak	and Report (20 Narks)	9-8	75
Roll No.	20NU(A021)	Outcomes (10 Marks) 🌮		15
Program	B-Tech	Final Presentation (10 Marks)		8
Status of Completion	Completed / Not Completed	Total Marks	40	>
PDs Addresed	Pos Por Pos Pos Pos	POF POT POE POS POT	N Pàti Pg	12 PHO1 PS012
Claushing of	Course Facilitator with Date	R Signature of	Certa=	122-

Roll No.: 20NU[Ac21]Course Code: 2cEESO3Title of the Course: ScC - MonC5 (Code - Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	earni	πg		After	Leami	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	~		É			[.	~	
	I have gained theoretical & practical knowledge	12						1	
	 I have developed my Coding skills 		1					. 1	
	 b. I have developed a product 	1		· · ·					
2	 Thave developed a system or process 						-		
	 I have developed my problem solving skills 		1						1
	e. I have developed a computer based application	~						1	
	 I have developed a hardware application 	4						5	
	Any others, please specify								
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolaggad photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	lore l	еап	ing	A	ter L	earni	١ġ
	-	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge							/	
	He / She has gained theoretical & practical knowtedge	1						/	
	 The learner has developed my Coding skiks 	1							
	 The learner has developed a product 	1							
2	 The learner has developed a system or process 		1	1					
	 He/She has developed his/her problem solving skills 	1							
	 He/She has developed a computer based application 	17						1	
	 The learner has developed a hardware application 	1							
	Any others, plaase spacify								
_									
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development, it should be submitted to the respective course instructor, please.

-> Learnes the importance of carling -> Improved my calling skills. \rightarrow leasned how to take a problem, figure out the algorithm to write code. -> leasned the basics of programming language. \rightarrow understood how to install and use a good Java development environment. \rightarrow To understand the expressions and variables. -> learned about new concepts helpful in Software -> Developed a app which is in basic to know the concepts of Java. -> understand about new topics like polymosphism. inderitance etc.

6-Meui dopak 28/11/2022 Student Signature with Date

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Department by AUCCE, New Cash I Allington in JATURE, Advante 1 An 183 (2011), 600 1400 A 150 A001 Careline methoded Re-energylands under 2017) of the LFDC Act 1836 1 Assertedhed by NAAC with "A" Create (3.10/4.00) SONTYAM, Panelsethil- Anancingsterem Higgware, Visakhapathaan - \$31173, Ph. ; 5666424167, 90194646466, www.nprt.org. (do. in

NSR

Assessment Report Skill Oriented Course

	Submitted by	Ma	rics	
Name	G1. Suirisht	Interim Assessment and Report (20 Marks)	1 (°	11 8
Roll No.	20N0140212	Outcomes (10 Marks)		(6
Program	B.Tech	Final Presentation (10 Marks)		8
Status of Completion	Completed / Not Completed	Total Marks	ĉ	14
PCie Advinanted	POI POZ PO3 PO4 PQ3 PO4	POI POI POI POI POI		7501 PS012
	RATIL	R <u></u>	uidan -	120 -
Signature of	Course Facilitator with Date	Signature of	HoD with D	ate

Roll No.	:20NulA0212
Course Code	: 20EE SO3
Title of the Course	- SOC - MOOCS (Cible - Jaile)

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	eami	ing		Vier	Leami	ng
110.	Description	1	2	3	4	1	2	Э	4
1	I have gained only theoretical knowledge		\checkmark		[\checkmark
	I have gained theoretical & practical knowledge						1	\sim	
	 a. I have developed my Coding skills 	\checkmark							
	 b. I have developed a product 	\mathbf{V}			[1	\checkmark	
2	 I have developed a system or process 	\checkmark					1	1	
	 I have developed my problem solving skills 		1				1		1
	e. I have developed a computer based application	1					Ē.	\checkmark	
	 I have developed a hardware application 	1]		[l	\checkmark	
	Any others, please specify								
									- 0
3									
, "									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	lore l	earr	ing	Af	ter L	earnii	ng i
MO.	Creaci (publis	11	2	3	4	[1	2	3	4
1	The learner has gained only theoretical knowledge	1	-					1	
	He / She has gained theoretical & practical knowledge	1	1					1	•
	 The learner has developed my Coding skills 	1/							
	b. The learner has developed a product	1	1					/	
2	c. The learner has developed a system or process	$\mathbf{\Sigma}$		-				/	
	d. He/She has developed his/her problem solving skills			-				/	
	e. He/She has developed a computer based application		1					1/	
]	 The learner has developed a hardware application 								
	Any others, please specify								
1									
l g									
3									
ų									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> I have Impowed my Loding skills. -> Demonstrate Justic Broblem Solving Skills. -> To leave how to take a poolilem, figure out the algorithim to write look. -> undoubtand how to Install and use a good Java development environment. -> To understand the expenditions and identicables. -> learned about the new concept helpful in Software Seitz. -> Developed on app which is In ballic to know the Lonlegth of Josh. - > Developed a skill by using oope Concept. -> underlitand about new topice like polymorphilin, Inhoritance etc. -> To leave balk of programming with a modern Ostogetamming Language, Jarka.

G. Suinival 28/11/2022

Student Signature with Date

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Assessment Report Skill Oriented Course

	Submitte	d by						Mark	5			
Нате	Gom		vya		Repo	ssess nt (2		t	1 ¶.	1	1 8	
Roll No,	201	0(40)	113	Outo Mark		s (10 20				(8	ŧ	
Program	6	Tech		Final (10 A		senta I)	tion			9.	5	
Status of Completion	Complet Complet			Tota	Mar	ks				والا	1	
PCs Addressed	P01 P02	P00 P04	P05 P0	104	101	PCE	P.01	PQIB	PQ11	PCH	PSOI	45012
	pg-	iliv						RA R	ыĸ	10	-	
Signature of	Course Fa	acilitator w	ith Date		14	Sig	natun	a of H	oD wit	ih Dat	2-1 8	-

Roll No. Course Code This of the Course

: DONULAOLIS : DOEESOB : SOC - MODES (COME Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

k la	Perceiption	Be	ilore L	eami	ng		After	Leami	ng
No.	Description	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge								
	I have gained theoretical & practical knowledge	5						!	4
	a. I have developed my Coding skills	1		-	i	[1	
	b. 1 Isave developed a product.	1			1	3			1
2	 I have developed a system or process 	1							~
	 I have developed my problem solving skills 		× .					1	
	e. I have developed a computer based application	1							\checkmark
	 I have developed a hardware application 	1	[=			1	
3	Any others, please specify								

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. Howeve it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

kla	Presiding	9e	íóre L	.êâm	ling	A	1er Li	earnir	ng
No.	Description	1	2	3	°4	1	2	3	4
1	The learner has gained only theoretical knowledge	1					/		
	He / She has gained theoretical & practical knowledge	1					[[/
	 The learner has developed my Coding skills 	1							
	 The learner has developed a product 	1						$\left[\right]$	
2	 The learner has developed a system or process 	11	1					1	
	 He/She has developed his/her problem solving skills 	1		_				1/	
	 He/She has developed a computer based application 	17			[1	\mathbf{Z}	
	 The learner has developed a nard ware application 	11			[]	
12	Any others, please specify								
3									
	2								



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Assessment Report Skill Oriented Course

	Submitted by	Ma	irks	
Name	1. Janotahan	Interim Assessment and Report (20 Marks)	1 95	li -
Roll No.	20N0(A0214	Outcomes (10 Marks)	(4	ŧ
msrgar9	B. Tech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	38	\$
POs Addressed	POI POZ POJ POJ POJ P	ca eos ios sos ios ac	10 POH POH	
Signature of	Course Facilitator with Date	signature of	HoD with Da	

Learners Descriptive Learning Outcomes (Learners are expected to write ten – afteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Understand the Jundamentals of Core Java and how a computer works. -> Understanding the goals of structure. - To learn how to take a problem. - To learn basics of programming with modern programming language. - > Use some junctions in the code - Developed as skill by using pops concept -+ An abelity to use current techniques, skills and tools - Use the correct cooping construct for estimation of code. ashiaz

Student Signature with Date

Roll No. : 20NO1A0214 Course Code : 20EE SO 3 Title of the Course : Soc - Moods (COLL Joyn)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Ba	e k ore L	280	ing		After	Leam	ing
	• •	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge								
	have gained theoretical & practical knowledge	V					1		V
	 a. These developed my Coding skills 	\checkmark					5		
	 b. Thave developed a product 	1					f		V
2	 I have developed a system or process 	V							\checkmark
	d. I have developed my problem solving skills	F	1					\checkmark	
	e i have developed a computer based application	1							\checkmark
	 I have developed a hardware application 	V						1	1
	Any others, please specify			-					
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore l	.earr	éng	Af	ter Li	earnii	ng
100		1	2	3	4	1	2	3	4
1	The teamer has gained only theoretical knowledge					1			
	He / She has gained theoretical & practical knowledge	1				j		~	
	 The learner has developed my Coding skills 		1			<u> </u>			-
	 b. The learner has developed a product 	17						/	
2	 The learner has developed a system or process 	1						1	
	d He/She has developed his/her problem solving skills	1		_	1			/	
	 He/She has developed a computer based application 	1			(~	
	The learner has developed a hardware application.	1						/	
	Any others, please specify								
3									
× (

Learners Descriptive Learning Outcomes (Learners are expected to write ten ~ fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> I have simplewed my coding Skills. -> Demoultante Inlie Joulum staling skille -> undolltand how to Install and use a good Java development enterment. -> To understand the expansion and philables learned about the new Conlegte helpful In \rightarrow Software decter. -4 Developed on app which it in ballic to know the concepte of JAVA. -> Developed a skill by using agel lowleget. - & understand about new topice, like Jolymsiphilim, Inheritante etc.,

9. Jooddmn + 11/2022 Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



(Advent by MCTC, New Calif Laboration Affini, Karvan FAR (00.000), (30.1400) 4.001 (2016) (2016) (2016) Recognized under 2(f) of the MCC Act 1950 # Accordingly MAAC with 'A' Grade (3.10/4.00) BONTYAM, Pendurth - Anandameter Fugheny, Vestfermeters - 531173, Ph.: (9983624167, 8099464648, www.ners.edu.et

Assessment Report Skill Oriented Course

	Submitted by	Ma	rks	
		Interim Assessment	I	μ
Name	J. ASHOK	and Report (20 Marks)	୩.୫	9.5
Rol No,	20NU1A0215	Outcomes (10 Marke) (22)	; ;	,
Program	B. Tech	Final Presentation (10 Marks)	1	
Status of Completion	Completed / Not Completed	Total Marks	પડ	/
POL Additional	POI PO2 PO3 PO4 PO5 PO	N POA POT POI POB POU	non non	PSCA PROVE
	Reiter	-PA	Cuisa	122-
Signature of	Course Facilitator with Date	Signature of	HoD with Da	ite

Roll No.	:20NU120915
Course Code	190EE 503
Title of the Course	MODES (CONE JOUD)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		aíore L	.eam	ing		After	ler Learning				
		1	2	3	4	1	2	3	4			
_1	I have gained only theoretical knowledge					;			<u> </u>			
	I have gained theoretical & practical knowledge	~				ĺ			1~			
	a. I have developed my Coding skills	~	-					\checkmark	+			
2	b. I have developed a product	1			<u>;</u>				~			
	 I have developed a system or process 	~		<u> </u>	-		<u> </u>		V			
	 I have developed my problem solving skills 		V	İ			<u></u>	1				
	 have developed a computer based application 	×.	Ĺ				<u> </u>		V			
	 I have developed a hardware application 	V				-		$\overline{\mathbf{v}}$	† †			
	Any others, please specify											
	· · · · ·											
3												

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online 'Recording is mandatory'' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment,

No.	Description		fore l	earr	ing	After Learning				
- 101		1	2	3	4	1	2	Э	4	
1	The learner has gained only theoretical knowledge									
	He / She has gained theoretical & practical knowledge				É				7	
3	 The learner has developed my Coding skills 	1						1		
2	 The learner has developed a product 		1					1		
	 The learner has developed a system or process 						-	1		
	 He/She has developed his/her problem solving skirs 	Z						1		
	e. He/She has developed a computer based application	17						1		
	 The learner has developed a hardware application 	17							7	
	Any others, please specify							0.000	-	
3										
~ I										
i										

>

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Understand the fundamentals of core rate and have a computer work. -> Understanding the goals and Structure - To leaven how to take a problem and its Solution. -> To leave basics of programming with modern programming Language. is use same functions in the code. as Developed as shall by himan Dola concell. in my the represented booking construct for eiterstar of code. -s an ability to use two set technique (161) and kods.



NSRIT, Sontyam, Visakhapatnam 531 173, AP

INSTITUTE OF TECHNOLOGY

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Assessment Report Skill Oriented Course

	Submitted by	Narks									
Nama	K. VOMSZ KRUHNA	Interim Assessment and Report (20 Marks)	। ๆ • ೭	 g							
Roll No.	LONULAO ZI 6	Outcomes (10 Marks)	(1								
Program	8. tech	Final Presentation (10 Marks)	9								
Status of Completion	Completed / Not Completed	Total Marks	4	3							
Signature of	Por Pos Pos Pos Pos Pos Por II- Course Facilitator with Date		uite.	P501 P32012							

Rolf No.	: 20MUIA0216	
Caurse Code	LOEESOL	
Title of the Course	Soc-MODEL	(BONG-SONC)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		sfora L	eami	ng	After Learning				
140.	Creacily for	1	2	3	4	1	2	3	4	
1	F have gained only theoretical knowledge		V.						~	
	I have gained theoretical & practical knowledge	~						~		
2	 I have developed my Coding skills 	8						~		
	 b. I have developed a product 	~					[شمما		
	 I have developed a system or process 	1						5		
	 thave developed my problem solving skills 	1	*					1.0	~	
	e. Thave developed a computer based application	~						~		
	 I have developed a hardware application 	14				1				
3	Any others, please specify									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learning					After Learning			
No. 1	Lescapoon	1	2	3	4	1	2	3	4		
1	The learner has gained only theoretical knowledge	1							ŀ		
	He / She has gained theoretical & practical knowledge	-						/	[
	 The learner has developed my Coding skills 	/				· -		$\overline{}$			
2	 The learner has developed a product 	-							/		
	c. The learner has developed a system or process							/			
	 He/She has developed his/her problem solving skills 				, iii			1			
	e. He/She has developed a computer based application		1					<u></u>			
1	 The teamer has developed a hardware application 	/						1			
3	Any others, please specify										

Learners Descriptive Learning Outcomes (Learners are expected to write tan – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWW WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

4000 -s understand the fundamentals ά. WARKS . computer - s under exampling the goals and Structure: 05 E Aduring laash problem 216338 to use curtered techniques An -Awalleday and tools of computers, using modern Programming languages looping and constanct -1 using Contract of code. 404 dituation. skill by using coops σA -> beveloped concept. using functions in the code. -5 based moject de vetop 0 λ. 40 1 carned basies of the course . 00 - C

Student Signature with Date 281 122.

NSRIT, Sontyam, Visakhapatnam 531 173, AP

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

	Submitted by	Marks									
Name	K. Revath?	Interim Assessment and Report (20 Marks)	Same and the second								
Rall No.	20NUI 40217	Outcomes (10 Marks)	(19							
Program	Bitech	Final Presentation (10 Marks)	9.5								
Status of Completion	Completed / Not Completed	Total Marks	ч	5							
PON Addressed	POI PO2 PO5 PO4 PO4 PO	POI POJ POI POS POI	P011	PS01 PS012							
	10 112	-Ba	Car its_ [6]1 10D with D:	مب							
Signature of	Course Facilitator with Date	Signature of E	loD with D:	ate							

Roll No.	:	20NU140217	
Course Code Title of the Course	:	2066-503 MOOC'S - COME	Java

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	_		afore L	eami	After Learning				
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	I have gained theoretical & practical knowledge		\checkmark	1				$\overline{\mathbf{v}}$	
	 a. I have developed my Cooling skills 	1					7	<u> </u>	<u> </u>
	 b. Thave developed a product 	V		 			-	1	+
2	 I have developed a system or process 	17						V	<u> </u>
.	d. I have developed my problem solving skills					-	<u> </u>	<u> </u>	
	 I have developed a computer based application 	1 I	~		-			~	<u> </u>
	 I have developed a hardware application 				·			1	
	Any others, please specify		-			10000		Y	
						-			
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learning					2 3			
		1	2	3	4	ŧ	2	/ 3	4		
1	The learner has gained only theoretical knowledge		ŀ	_	<u> </u>	-		<u> </u>	<u> </u>		
	He / She has gained theoretical & practical knowledge	12	<u> </u>				 	~	\vdash		
	 The learner has developed my Coding skills 		ł i						-		
	b. The learner has developed a product	17					—	-	-		
2	 The learner has developed a system or process 	5						-			
	 HerShe has developed his/her problem solving skills 	-	~					-			
	e. He/She has developed a computer based application							-	-		
	f. The learner has developed a hardware application	1		_		- t		5			
	Any others, please specify						-	_	_		
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3											
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1											

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

* undesistanding the goals is structure * understand the fundamentals of core Jowa and how a compiler welks * we warn how to take a problem. to learn basics of programming modern programming language. we some function in the code. * Developed as still by using pops concept. * An abolicity to we arrend techniques, status and tools. * use the correct cooping construct too situation of code.

Student Signature with Date

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Assessment Report Skill Oriented Course

	Submitted by	Marks								
Name	K. Sal chasan	Interim Assessment and Report (20 Marks)	8	U 8 · 5						
Roll No.	20NOIA0218	Outcomes (10 Marks)	1	9						
Program	B.Tech	Final Presentation (10 Marks)	9	.5						
Status of Completion	Completed / Not Completed	Total Marks	P011 _804	15 2 P301 P3037						
Signature of	Course Facilitator with Date	Signature of F		Yri						

Roll No. Course Code Title of the Course

-

: 20NULAO 218 : 2066503 : 100005 (code-Java)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				After Learning				
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1	I have gained only theoretical knowfedge	[*				1		 Image: A set of the		
	I have gained theoretical & practical knowledge	1					•	\checkmark			
	 I have developed my Coding skills 	\checkmark						~			
	 I have developed a product 	5									
2	 I have developed a system or process 	-		•				6			
	 I have developed my problem solving skills 		\checkmark						$\overline{\mathbf{V}}$		
	 I have developed a computer based application 	\checkmark						<u> </u>			
	 I have developed a hardware application 	1						~			
	Any others, please specify										
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No, j	Description		Before Learning					After Learning			
140,			2	3	4	1	2	3	4		
1	The learner has garned only theoretical knowledge						<u> </u>				
	He / She has gained theoretical & practical knowledge	1				1		1			
	 The learner has developed my Coding skills 							1			
	b. The learner has developed a product	1						/			
2	 The learner has developed a system or process 	1		1							
	 He/She has developed his/her problem solving skills 							1			
	e. He/She has developed a computer based application	1	-			:		1			
	 The learner has developed a hardware application 	1						1			
	Any others, please specify										
3											

Learners Descriptive Learning Outcomes (Learners are expected to write ten - fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-) understand the fundamentals how a computer works -> understanding the goals of structure > TO leave how to take a Problem. > To lease basic's ob programming with Hodern Programming language -> An ability to use assent technique's skill's and tools. > use the correct looping Construct for situation of code. > Developed as kill by using pops concept. -> use, some functions in the codo

K-Sai chasan Student Signature with D

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CLECTRICAL & ELECTRONOCS ENGINEERAND IN GENESTER - POLL ORIENTED COURSEN 2055527-840 FINAL WARKS

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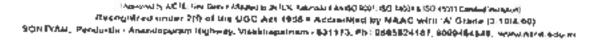
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Signature of Course Instructor

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY



Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (8.Tech.)

	Submitted by	Marks								
		Internal Assessment [[]								
Name Ak	ik Das	and Report (20 9-3 + 8								
		Marks)								
Rall No. 🥠	INVIAOZOI	Outcomes (20 18								
		Marks)								
Program	B. Tech	Final Presentation 8								
- ograni	O. TELI	(10 Marks)								
Status of	Completed / Not	Total Marks 44								
Completion	Completed	Total Marks 44								
POs Appressed	POI PO2 203 PO4 PO5 PC6	POI PD7 POI POI POIO POI1 POI2 PD01 PSDI2								

Signature of Course Facilitator with Date

UC

Signature of HoD with Date

Roll No. : 2INUIAO201 Course Code : 20 EE 302 Tille of the Course : Programmable logic controller

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

1	Vo.	Description	B	elote L	earn	ing	<u> </u>	After	Learn	ing
	1	I have gained only theoretical knowledge	1	2	3	4	1	2	3	4
		I have gained theoretical & practical knowledge	↓. <u> </u>	~	*				<u> </u>	1 Sel
İ		a. I have developed my Coding skills b. Thave developed a product		1	 					
1	2	c. Thave developed a system or process		† -		-		_	×	
	!	d. I have developed my problem solving skills								
		e. I have developed a computer based application f. I have developed a hardware application								~
	+	Any others, please specify	_						\sim	
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to tacilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore .	reau	ling	A	fter (earn	ing
1	The learner has an in the second seco	1	2	3	4	1	2	3	14
	The learner has gained only theoretical knowledge	i.						た	<u> </u>
	He / She has gained theoretical & practical knowledge	1		†				1~	┢──
	 a. The learner has developed my Coding skills 	1			i i		-	~	+
	 The learner has developed a product 		-					~	÷
2	C. If it learner has developed a system or process.	1	-	-				·	2
L	d. He/She has developed his/her problem solving skills	15				-	_		2
	 e. He/She has developed a computer based application 	Ť				;		\sim	
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	Any others, please spacify	· ·				_		\mathbf{v}	
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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid fearning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the PLC programming we have learned a lot they axe, O I have learned that how give a ON delay times & OFF delay times. @ The traffic signals logic (And by using PLC programming we can do Automatic doox opening & closing. In Automatic cax washing by Paxking. By PLC Programming the logic are very easies than other one © It's power consumes is low. T have learned analog signal handling and closed loop control programming.

ANIK DAS 121 5/23 Student Signalure with Date

NSRIT, Sonlyam, Visakhapatharti 531,173, AP

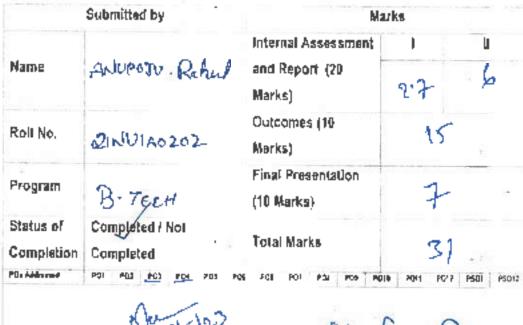
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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)



Signature of HoD with Date

Signature of Course Facilitator with Date

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23 2.43

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Roll No. Course Code Title of the Course

- 21NUIA0202 DOEESO2 Rogermable logicontrolla

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

1 2 3 4 1 2 3 1 I have geined only theoretical knowledge 1 I have geined theoretical & practical knowledge 1 I have geined theoretical & practical knowledge 2 I have developed my Coding sk:1s </th <th>Kο.</th> <th>Cescription</th> <th>B</th> <th>efore L</th> <th>earn</th> <th>'nġ</th> <th></th> <th>Alter</th> <th>Learni</th> <th>ng</th>	Kο.	Cescription	B	efore L	earn	'nġ		Alter	Learni	ng
I have gained theoretical & practical knowledge Image: Contract of the oretical & practical knowledge a. I have developed my Coding sk:1s Image: Contract of the oretical & product b. I have developed a product Image: Contract of the oretical & product c. I have developed a system or process Image: Contract of the oretical & product d. I have developed a system or process Image: Contract of the oretical & product e. I have developed a computer based application Image: Contract of the oretical & product I. I have developed a hardware application Image: Contract of the oretical & product Arry others, please specify Image: Contract of the oretical & product 3 Image: Contract of the oretical & product	-10.	Cool (Mon	1	2	3	4	1	2	3	4
a. I here developed my Coding skills b. I have developed a product 2 c. I have developed a system or process d. I have developed a system or process e. I have developed a computer based application I. I have developed a tardware application Any others, please specify	1	I have geined only theoretical knowledge	V		-			<u> </u>	~	
2 b. I have developed a product v v v 2 c. I have developed a system or process v v v d. I have developed my problem solving skills v v v e. I have developed a computer based application v v v I. I have developed a hardware application v v v Any others, please specify v v v	10	I have gained theoretical & practical knowledge	V					-	\sim	
2 c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application I. I have developed a hardware application Any others, please specify		 a. I have developed my Coding sk:3s 	~			-		V	1	
d. I have developed my problem solving skills Image: solution solution e. I have developed a computer based application Image: solution solution I. I have developed a hardware application Image: solution solutitin solutity solution solution solution solutity solution s		 I have developed a product 		\sim	1				V	
e. I have developed a computer based application i. I have developed a hardware application Any others, please specify	2	c. I have developed a system or process		V				$\overline{\mathbf{v}}$		
e. I have developed a computer based application i. I have developed a hardware application Any others, please specify		 I have developed my problem solving skills 	V					2	V	
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Georagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

		4				- 86	1.1		
No.	Description	Be	l e10	ean	ung	Af	Hor La	ami	Лġ
	· · · · · · · · · · · · · · · · · · ·	1	2	3	4	1	2	Э	1
1	The learner has gained only theoretical knowledge	- 10	11				19		F
	He / She has gained theoretical & practical knowledge						6 10	!	
	 The learner has developed my Coding skills 	2	1.0						
-5	 b. The learner has developed a product 	- 28			<u> </u>		100		
2	c. The learner has developed a system or process	100	11			<u> </u>			\vdash
	 He/She has developed his/her problem solving skills 		1				15		F
	e. He/She has developed a computer based application	-17	66						
	1. The fearner has developed a naroware application	- 15	22			1.040	40.5	-	
	Any others, please specify		_						_
	22								
		10							
3		3 8	i Geografia	- 3			144		
		1				1990	fpr		
(2)	2 D					10			
	· · · · · · · · · · · · · · · · · · ·							-	
				- 8		<u> </u>	4		
							÷.		

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write tan – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please ettach additional sheats in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

IT will be able to dualibe typial components of " a pronormable logic controller. be able to explain bable concep will $\rightarrow I$ Logi controlles. I will be able to state pasic plc terminology and they mooning. I will be able to cyphin the connect of books . digital determines and data manipulation) students sand I will be able to use times, country and other intermediate programming finister -) I will be able to design and program a Small automated industrial production line . . ii



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ANY246 6, XCIC, 1997 Carn & Alayed & A166, GARNAR & An60 907, 50 14001 & 50 6520 Cardial masser) NeCognities infate 2(3) of the LIGC Act 1956 & Accretified by NAAC with 'A' Grade (3,1644,05) SONTYAM, Poundative Anondeputer Regiment, Vechtralisher 531573, Ph : 9865824197, 8099464545, www.nyst.odu.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Marks
Name ARIGN. DEVI	Internal Assessment I II and Report (20 🗣 🛃 🕆 🕼 D Marks)
Roll No. 21NUIA0203	Outcomes (40 \ 🐇 Marks)
Program BTech	Final Presentation 🤧 (10 Marks)
Status of Completed / Not Completion Completed	Total Marks 300 4-5.5
POR ANKING AND POI POI POI POI POI POI POI POI POI POI	PD6 P07 P08 P09 P010 P011 P012 P601 P5012
Signature of Course Facilitator with Date	Signature of HoD with Date

Roll No. : 21NUIA0203 Course Code : 2066502 Title of the Course : Programmable: Legic controller.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Deservation	Be	eathi	ng	Aiter Learning					
INO.	Description	1	2	3	4	1	2	- 3	4	
1	I have gained only theoretical knowledge	1						1		
	I have gained theoretical & practical knowledge	1						1		
	 a. These developed my Coding skills 	ł	5					1		
	b. I have developed a product		5					1		
2	 I have developed a system or process 	50						1		
	d. I have developed my problem solving skills	(\mathcal{M})						\sim		
	e I have developed a computer based apprication		1					~	Í	
	 I have developed a hardware application 		~					1		
	Any others, please specify									
3										
<i></i>										

Learning Outcomes (Please tick appropriately based on the learners tearning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment

No	Description	Be	fore L	eern	ារកច្	After Learning				
۹Ų	Cescipitsi	1	2	3	: 4	1	2	į 3	4	
1	The learner has gained only theoretical knowledge	1				-		\sim		
	He / She has gained theoretical & practical knowledge									
	 The learner has developed my Coding skills 	5						5		
	b. The learner has developed a product	~			[\sim		
2	 The learner has developed a system or process 	\sim						~		
	 He/She has developed his/her problem solving skills 		\sim		[\sim		
	e. He/She has developed a computer based application	~			I		ı	\sim		
	 The learner has developed a hardware application 	\sim						\sim		
	Any others, please specify									

Note: The range '1sthrough '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. In this course I have learned the logic of ladder diagram. 2. With the help of PLC, we are able to get idea on the how the PLC will be implemented on the Industrial applications. 3) In this course we are able to understand. the programs and alogorithms. 4) From the PLC we can control a system function's and use can learn about the controllers. 5, so, by this course we can easily design Ladder Legic programs.

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iscorrege (CCT) New Desci Alterio (J.HTUK, Kiteriol / Ar 50,900), 60,140) (S.90-400) Cardial Intelion) Recognized Under 2(9 of the UCC Act 1959 9 Activation by KAAC with "A" Oracle (S.10/4.00) SON TYAM, Pendarbar Anandaparam Nighmay, Vissi-hecologie - 63 (173, Ph.: 04645434197, 5299666666, term with orbitin

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Marks
Name A. ROUBLA	Internal Assessment I II and Report (20 8-5+4 Marks)
Roll No. 21NULA0204	Outcomes (120) 5 Marks)
Program B-Tech.	Final Presentation 4-
Status of Completed / Not Completion Completed POR Astenuest PO1 PO2 PO2 PO4 PO5 PO1	Total Marks 3.2- Pos Por Pol Pos Poro Port Pos Psot Psots
Darkens	TICER

Signature of Course Facilitator with Date

Signature of HoD with Date

Rall No.	: 2INUTAO204	
Course Code	: 208ES02.	
Title of the Course	Programmable logic	controller.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	aa.mi	ng		After	Learn	лд
4			2	3	4	1	2	3	1
	I have gained only theoretical knowledge		-			1		6	-
	I have gained theoretical & practical knowledge		V			Ī			~
Ι.	a. I have developed my Coding skills	Ī	6						12
	 b. Thave developed a product 	~						1	Ī
2	 Lhave developed a system or process 		1.0						
	 I have developed my problem solving skills 		-					~	-
	e. Thave developed a computer based application		_					- /	
	 Lineve developed a hardware application 	!	~	K.				- P	2-1
	Any others, please specify							-	Ÿ
a İ									1
3									
1									
l.									

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

- t.	Description	Se	lora I	_ea/r	ing	A.	ler L	earni	nà
		ì	2	3	4	1	2	3	4
	The learner has gained only theoretical knowledge	1		 				5	
Ľ	He / She has gained theoretica! & practical knowledge	T.	+	i					-
	 The learner has developed my Coding skills 	•	1						
	b. The learner has developed a product	1	¥	·	\vdash	<u> </u>		14	
2	 The learner has developed a system or process 	5	<u> </u>		— i		_	\sim	
	d. He/She has developed his/her problem solving skills								-
	e. He/She has developed a computer based application	\sim						Ě	
	 The learner has developed a hardware application 	1.	<			ļ		Ľ4	
A	Any others, please specify							\sim	_

Learners Descriptive Learning Outcomes (Learners are expected to write len – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

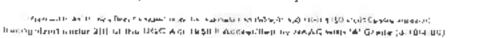
By the PLC programming have leand wo on lot they one !-> I have learned that how give a on delay a off delay times > the traffic stignals logic > And by wing PLC programming we can do Automatic door opening a close > In Automatte an uarning, wir parking We con use -> By PLC Programming In get to know the bother 1,800mg. > In PLL Magromming the logic are along cosher that other one > It asume low Rower.

Student Signature with Date

NSRI7/ Sontyam, Višakhapatnam 531 173, AP

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks
		Internal Assessment I II
Name B	Grana chandres	and Report (20 9.377
	Sephas	Marks)
Roll No. 21	NULADIOS	Outcomes (20 1 5
	in or plotter g	Marks)
P/ogram	Bitch (EEE)	Final Presentation 6
Ŭ	/	(10 Marks)
Status of	Completed / Not	Total Narks 39
Completion	Completed	rovar marko y
POs Addapted	POT POT POT POT POT POR	רסיין נמין PO3 PO10 PO11 PO12 PSO1 PSO12

Signature of Course Facilitate: with Date

Signature of HoD with Date

NSRIT, Sonlyam, Visakhapalnam 531 173, Al-

Rail No.	21/10/19010	7			
Course Cotte	200FSO2				
Tille of the Course		-	controller	lob lese	(ab)

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

. 1	Description	20 Beicze Learning			Beicke Learning			ing
1	Lingue designed and the second	1	2	3	4	: 2	13	1.
	Thave gained only theoretical knowledge	-					100	-
	Thave gamed theoretical & practical knowledge	~			<u> -</u>	-	1	+
1	 Phave developed my Codian is fells 	1					10	1
ļ	p. Thave developed a product	2					1	-
2	 Unave developed a system or process 	~	22				- L	-
	 I have developed my problem solving skills 	· · · · · · · · · · · · · · · · · · ·	·{	-			-	
í	 Loave developed a computer based application 	~		1000			10	
	Lition developed a complete daster application	V					1	4
322 E	Any submet element and a naroware application	-						10
8	I thave developed a hardware application Any others, please specify	1						

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are neerled into in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video incomed presentation submission is also mandate and should be uploaded in LMS before the final increasement.

No:	Description	Be	lore I	ean	phing	A:	iter 1	.earn	ida
2	The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed a product b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed a system or process d. He/She has developed a computer based application f. The learner has developed a computer based application	55 5 5 C	2	3			2		
	Any others, please specify								

Note: The range th through 'S' is Weak to Strong -

Y (.

Learnors Descriptive Learning Outcomes (Learners are expected to write len – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through thi course in their OWN WORDS). Please attach additional sheets in case of any sample programs o product development. In pase of product development, it should be submitted to the respective course instructor please.

* Now I am able to describe typical Components of a programmable logic toutsoller. I am able to explain and learn the basic concept of a basic plc terminology and their meanings I leasn the concept of electrical lader logic. its history and its relationship to programmed plc instruction. * Now I am able to use times counter. and other internediate programming functions. I give inoutledge about basic plc ciscinits your entry-level plc applications.

Granachan bra Sephers Student Signature with Date 12/5/23

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ીંગેલ્ટરમાં છે AC12, Pav Celt I Attain in MF04, Bairoin F44197 (03), 60 14571 B GO (50): Entroit Pathon) Recognition and a 2(f) of the પછેલ્ટ Act 1956 B According by NAAC with 'A' Grade (3-10/4-00) SOM1YAM, Pondurize - Anamiapouram Mighway, Variahapotness - 831173, Ph : 0665804107, 8090464346, hereward add an

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks
Name 🔒 🕻	Jahnavi	Internal Assessment I II and Report (20 9-2+8 Marks)
Roll No. 21	NU1A0206	Outcomes (20 1/28 Marks)
Program £	B.Tech.	Final Presentation 🧏 (10 Marks)
Status of Completion	Completed / Not Completed P01 P02 P03 P04 P05 P06	Total Marks 476

Signature of Course Facilitator with Date

Signature of HoB with Date

Roll No.	2.1A/UIA02.06	
Course Code	: 20CE 502	
Title of the Course	programmable Logic	conholter

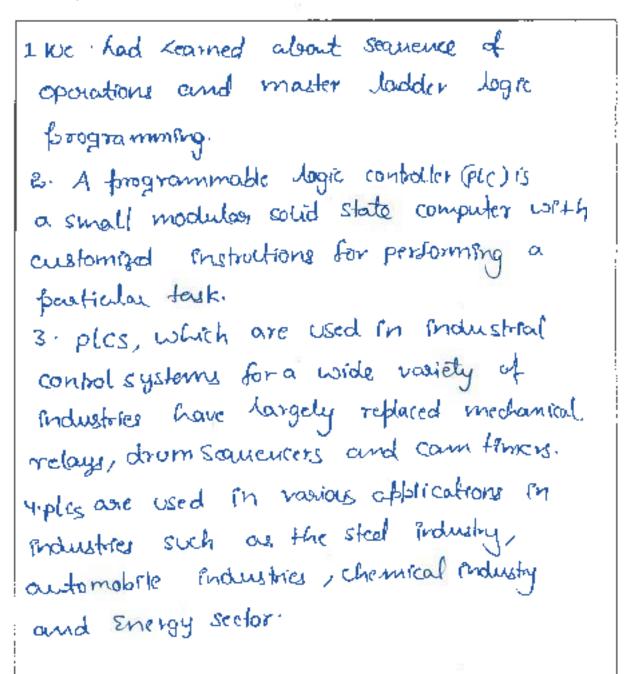
Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	elore L	eami	Пĝ	T	After	Learn	iпg
1	L boute pointed entry there exists all	1	2	3	4	1	2	Ξ.	4
<u> </u>	I have gained only theoretical knowledge			V	1				
1	I have gained theoretical & practical knowledge								
	a. Theve developed my Coding skills	_	V					V	\vdash
1.	b I have developed a product		V			-		Ý	
2	 I have developed a system or process 		V.					$\dot{\mathbf{v}}$	<u> </u>
1	 d. These developed my problem solving skills 		V					V	\vdash
	 e I have developed a computer based application 		~					Ť	\vdash
L	 I have developed a hardware application 		1					ž	
	Any others, please specify					_		÷	
3									
									1

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geologged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore	ean	ılng	i Al	ler L	eami	İΠġ
		<u>1</u> 1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	T					-		<u>†</u> ~∸
	He / She has gained theoretical & practical knowledge								
	 a. The learner has developed my Coding skills 			122					10
;	b. The learner has developed a product	<u>;</u>			-		—		E.
2	c. The learner has developed a system or process.			~					
	C. He/She has developed his/her problem solving skills			3					
	 B. He/She has developed a computer based application 	<u> </u>		-		<u> </u>	-		-
	I. The learner has developed a hardware application					-			
	Any others, please specify								
	· · · ·								
- [
з	×								
~ 1									
. !	ť								

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development galaed through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.



B.Jahnavi 12/5/23

Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

100 (Co. 1)	Submitted by	Ma	arks	
Name	B. Vara Prasad	Internal Assessment and Report (20 Marks)	1 9.5	וו סץ
Roll No.	FOCOALUMS	Outcomes (19 Marks)	188	
Program	8-TECH	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	41	6
Point Administration	Pot Pos Pos Pos Pos Po Non Ala 23 Course Facilitator with Date	6 POB POT POR POB PO Signature of	Hod with Da	te

Roll No.	: DINUTAGEDT		
Course Code	20 EE 802		
Tills of the Course	: Programmable	Logic	Controller
	()	()	

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Before Learning After Learn				Leami	ng		
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	~						~	
	I have gained theoretical & practical knowledge	~					-	~	
	 I have developed my Coding skills 	4					<u> </u>	4	
	 b. I have developed a product 	~							~
2	 I have developed a system or process 	~						~	
	 I have developed my problem solving skills 	1					<u> </u>		~
	 I have developed a computer based application 		\sim						V
	 I have developed a hardware application 	~							
	Any others, please specify	115							
~									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or office or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

ripilon samer has gained only theoretical knowledge She has gained theoretical & practical knowledge The learner has developed my Coding skills The learner has developed a product The learner has developed a system or process He/She has developed his/her problem solving skills He/She has developed a computer based application	1	~\\\\\\	3	4	2	2	4
The learner has developed my Coding skills The learner has developed a product The learner has developed a system or process He/She has developed his/her problem solving skills		N				\mathbf{N}	
The learner has developed my Coding skills The learner has developed a product The learner has developed a system or process He/She has developed his/her problem solving skills		N					
The learner has developed a product The learner has developed a system or process He/She has developed his/her problem solving skills		N					~
The learner has developed a system or process He/She has developed his/her problem solving skills	_	\checkmark					· •
He/She has developed his/her problem solving skills							\sim
			L				÷
HeiShe has developed a computer based application		\sim				-	~
nerone has developed a computer based application		\mathbf{v}					4
The learner has developed a hardware application		1					1
others, please specify							

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fitteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

this Т Course have. *Beide (canning very knowledge about PLC . Arter (en leasinging Course. I Grim Con Improve probico the Section knowles knowled and have learned ₽ that how Groen 0N delay 6 95 times . delau Car by wring PLC ൾല + And primmargueg de Automatic dost Clasing ε. opening Luge , ഷം we. In Automatic Cak unshing posking Automatic. T-Cor get know primming Bу PLC opplica the tottle legic's 494 the Cold. primming PLC J. other one. Coslex than Analog learned have Control toop closed and B. Vara Branac

Student Signature with Date



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks	
Name	Bipin kuman sha	Internal Assessment and Report (20 Marks)	। १•१	" 6
Roll No.	ALNULAD208	Outcomes (10 Marks)	15	7
Program	B. Tech	Final Presentation (10 Marks)	7	
Status of Completion	Completed / Not Completed	Total Marks	41)
PC+ 4stresed	POI PO2 PO2 PO4 PO5 PO6	PO& PO7 PO8 PO7 P	018 9011	POID PEOD PEOD
	8-136723	Ty	6	P
Signature of	Course Facilitator with Date	Signature o	of HoD with	Date

Roll No. : 2/NULAO208 Course Code : 20EESO2 Tille of the Course : program logicable Controller LAB (PLC)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	[Be	store <u>L</u>	earni	ing –	[/	4/t <u>er</u>	Learni	ng
NO.		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	~		1		1	ŀ		
	I have gained theoretical & practical knowledge	\checkmark						\checkmark	
2	a. I have developed my Coding skills	1					~		
	 b. I have developed a product 	1					\checkmark		
	 c. I have developed a system or process 	1						\checkmark	
	d. I have developed my problem solving skills	V					1		
	e. I have developed a computer based application	\sim						1	
	f. I have developed a hardware application	\sim							
	Any others, please specify								
3									
J									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore l	ean	ning	AI	ter L	r Learnin	
NO.	Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~						\sim	
	He / She has gained theoretical & practical knowledge								Ċ
	a. The learner has developed my Coding skills	\checkmark							\checkmark
	b. The learner has developed a product	\sim				ī			\checkmark
2	 The learner has developed a system or process 	\sim			[Υ.
	d. He/She has developed his/her problem solving skills	~	(\mathbf{r}_{i})						\leq
	e. He/She has developed a computer based application	\sim			!				
	 The learner has developed a hardware application	1			1]			<u>v</u>
- 6	Any others, please specify								
3									
4									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

* I able to use timer, Counter & other indemediate programming functions *I able describe typical components of a programmable logic Confroller * I able to state basic PLC -terminology & this mannings * I learned about the how gain on delay-times to off delay timer * The plc programming one very Easter * It consume low power of time * I learned about the Analog signal handling & absed boy conchol grogramming.

tune 2 12 00 23



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	BOINA SATHVIKA	Internal Assessment and Report (20 Marks)	1 9:6	။ 10
Roli No.	SINUIDO DOP	Outcomes (20 Marks)	19	
Program	B-Tech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	47	•
PDs Allercoast	Mar mas right gad pas pan Day 181972	POI POT POI POI PO		3 PSO1 P3042
Signature of	Course Facilitator with Date	Signature of		ate

Roll No. Course Code Title of the Course

DINULAD209

Title of the Course : Programmable logic Controller. Learning Outcomes (Please lick appropriately based on your course) (Salf-Assessment)

No.	Description	8	efore L	eami	ng		Afler	Løami	ng
140.		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	\sim	4	Ì				~	
	I have gained theoretical & practical knowledge	\checkmark		 L		ŕ		~	
	 I have developed my Coding skills 							1	
	 I have developed a product]	\checkmark]			V	-
2	 c. I have developed a system or process 		\checkmark		İ			×.	
	 I have developed my problem solving skills 	1							
	 I have developed a computer based application 	•	×					V.	
	 I have developed a hardware application 	ſ	1					\checkmark	
1 1	Any others, please specify								
8									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to tacilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assesament.

No.	Description	Bet	ione L	earr	ing	Aj	ier I,	eami	ng 🛛
	LAC SCHOOL I	1	2	3	4	1	2	3	4
1	The Isamer has gamed only theoretical knowledge	~							
	He / She has gained theoretical & practical knowledge	1							-
2	 The learner has developed my Coding skills 	V						~	
	 The learner has developed a product 	\sim						- /	•
	 The learner has developed a system or process 							-	~
	d. He/She has developed his/her problem solving skills		\checkmark						
	e. He/She has developed a computer based application	~						<u> </u>	V
	 The learner has developed a hardware application 	1							V
	Any others, please specify								
3									

5 . . **.** .

Learners Descriptive Learning Outcomes (Learners are expected to write ten - fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWIN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1 from. This Course, I will able to describe the typical components of a Mognammable logic controller a. I leannt about the ladder diagram in the PLC CProgrammable logic Controller) 3 with the help of the PLC we can implement the logic to the several applications 4. From the pic, we can control a System's function using the internal logic Programmed into it. 5 with the help of PLC, we one able to get idea on the how the plc will be implemented on the industrial applications.

> B. Sathuita 1215 [2013 Student Signature with Date

NSR(T₂ Sonlyam, Višakhapatnam 531 173, AP

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Propriet (SACE) and Dept to apply 2010 for the rest on \$5000 (Condit 1950 (201) Control to 2010). Proceedings from the state VDI of the VCC Act 1956 in Active line of the NAAC with "A" Gradie (2,3064,00) (SON TYAM, Power for Accompanyment Regimery, Vient Repotence - 53+112, Ph. 9803634107, 00044 (#840, www.nerit.ow

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by		Marks
			Internal Assessment II
Name B.	Pavan Kalyar	١	and Report (20 5-9 9
			Marks)
Dalk Na O I			Outcomes 20
NOIC 190, Z-1	NU1A0 210		Marks)
	2 -		Final Presentation
Program (2.Tech		(10 Marks)
Status of	Completed / Not		Tatal Mada III
Completion	Completed		Total Marks
POs Addroumed	P01 P02 P01 P01 P05	P06	6 PO6 PO7 PO8 PO9 PO10 PO11 PC12 F551 PSO12
	Ou -		

wells! Signature of Course Facilitator with Date

Hib

Signature of HoD with Date

NSRIT, Sontyam, Visakhapalnam 531 173, AP

Roll No	:21NU140210		
Course Code Fille of the Course	20 GESOL		
	Paogrammable	10910	COD MON

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	3:	alore L	ea'n	ng		Afler	Learn	ing
1 1	have asleed out the sector to the	1	2	13	4	1	2	3	4
· · -	I have gained only theoretical knowledge	~						1	
1	Ehave gamen theoretical & practical knowledge	1						÷.	
	e I have developed my Codirka skiits	VI			h	-		~~	
ľ	b. I have developed a product	$\overline{\mathbf{v}}$							-
2	c Thave developed a system or process	tz		—				-	V
í i	 I have developed my problem solving skills 	i -i						V	
	 have developed a computer based application 		<u>~</u>]		+	—i			V
	 Hrave Caveloped a hardware application 		-4						Land I
	Any others, please specify	V			_	1		6	
- 3 (j									
1									

Learning Outcomes (Please tick appropriately based on the tearners learning outcomes) (To be fitted by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed, and in case of online "Recording is manoatory" during essessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

lo.	Description	₿ę	fore	-280	ning	A	fter L	earn	ina
1	The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed his/her problem solving skills e. He/She has developed a computer based application The learner has developed a hardware application Any others, please specify	- 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	3			2		
:									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development in case of product development, it should be submitted to the respective course instructor, please.

By the pic PEOSX amming we "have 100000ch is lot they are of Thave reasons that how give a ow delay timers & opp delay timers. * The toutthe signals 1091c. * And by using PLC Programming we can do Automatic dows opening & closing KIN Automatik con woshing also we use * JA -Automotic cor porsking. * By PLK programming, I bet to know the * In ALC Programming the lost core very eases that other one. 4× 24 consume low powers. * J. have learned Analog slonge handling one closes loop control programmy.

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU NRR INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Secondary ACT, we believe a ATM and a ATM entering of the 100 total distribution of the second second second and the second seco durth - Anandasoram Fighway, Vasid-apatham - \$31173, Ph.: \$665524187, \$399455548, www.rarti.edu.in SONTYAK PR

Assessment Report Skill Criented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	pil e	arks	
	6	Internal Assessment	1	li
Name	Čh. Sasivardhan	and Report (20 Marks)	8.5	8
Roll No.	Rad 21 NUL 4021	Outcomes (10 Marks)	1,6	
Program	B. Tech	Final Presentation (10 Marks)	7	
Status of Completion	Completed / Not Completed	Total Marks	40)
POs Adduntated	101 KM CBA LCA 104	PD6 P07 P08 P09 P0	1099 110% 98	PEOI PSO12

18/5/23

Signature of Course Facilitator with Date

FIC Signature of HoD with Date

Roll No. : 21 NUIA021) Course Cade : 20EESOD Title of the Course : programmable logic control

1

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	8	elore L	eami	ing		After	Learni	កិច្ច
Paid.		1	2	3	4	i 1	2	3	4
1	I have gamed only theoretical knowledge	1	!				í	- Lan-	
	I have gained theoretical & practical knowledge	1	أمريهم أ					-	l
	 I have developed my Cooing skills 	3							
	b. I have developed a product	į	-		—	[<u> </u>		~	i
2	c. have developed a system or process	!	-				~		ļ
	 I have developed my problem solving skills 		į			[<u> </u>	1		2
	 I have developed a computer based application 	1	·						
	 I have developed a hardware application 	P	j						~
	Any others, please specify						-		
3									
~									

Learning Dutcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or ooth the mode). Geotaggeo photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through ordine mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	forre L	eam.	ing	i After Learning					
		í 1	2	3	4	! 1	2	3	4		
1	The learner has gained only theoretical knowledge	~						~			
	He / She has gained theoretical & practical knowledge										
2	a The learner has developed my Coding skills	~	·					1	~		
	b. The learner has developed a product	~							~		
	 The learner has developed a system or process 	~							V		
	d. He/She has developed his/her problem solving skills	~						~			
_	 He/She has developed a computer based application 	\checkmark						~			
	 The learner has developed a hardware application 	\checkmark						1			
	Any others, please specify										

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development, it should be submitted to the respective course mstructor, please.

By The Plc Programming hove learned q. USL. Lot They are 1) I have learned That hav give a DN & delays timer & off delays Timer. 1) The Traffic signals logic. 3) And by veing plc programming we can do automatic dor opening & closing. 4) In Auromatic and waskting also we use s) In Automostic COV Parking by the programming, Fact to know The. 6) boefed . Gilling 7) In plc programming The topic one view. cayier These other one. 8) The consume low former. (9) capable of rondling of very completed logic operation.

Student Signature with Date

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Approved on ACTE, See Date 1 Million of ATTX, extended 1 ATTO 1011 110 (400) 1 (50460) Cartier instation Recognized under 2(1) of the UGC Act 1936 I Accredited by MAAC with "A" Grade (3, 1974,00) SONTYAM, Funder III - Anamologistiant Highway, Vojskikaastean - 531172, Ph : 9660424 (67, 6099464546, www.earth.edu M

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	CH. EUMAR	internal Assessment and Report (20 Marks)	1 II 0 7						
Rall No.	SINULADE 12	Outcomes (20 Marks)	10						
Program	O. Tech	Final Presentation (10 Marks)	6						
Status of Completion	Completed / Not Completed	Total Marks	23						
POs Addressed	ACH POI BOR BOR POS PI	06 FOR POT POR PD9 PD1	o Maii Páti Piai 76012						

Signature of Course Facilitator with Date

Signature of HoD with Date

Rolf No. Course Code Title of the Course

: 2068 302

: 2 INUI 80212

: Programmable logic controller

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				After Learning			
		1	2	3	4	1	2	1 3	T A	
1	I have gained only theoretical knowledge	V		<u> </u>			<u>h</u> -	V	+	
	I have gained theoretical & practical knowledge		V	<u> </u>		┼				
	a. Thave developed my Coding skills						-	<u>-</u> ×		
	 b. I have developed a product 		V				ΓŤ Ι	1	<u> </u>	
2	 c. I have developed a system or process 	+	$\overline{\mathbf{v}}$. 7	- -		
	 I have developed my problem solving skills 	[v]				<u> </u>	<u> </u>			
i	 I have developed a computer based application 		~							
	 I have developed a hardware application 	V			_	1.010				
	Any others, please specify				-	-			V	
	1 N _ N									
a l										
- I										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process, However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No,	Description	Be	After Learning						
-			2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~		<u> </u>		<u> </u>	~		+ '
4.4.000.00	He / She has gained theoretical & practical knowledge	+			1				1
	 The learner has developed my Coding skills 		5.4					~	
i	b. The learner has developed a product	1							
2	 The learner has developed a system or process 	1					~	· · · ·	
	He/She has developed his/her problem solving skills		-				~	1	
	 He/She has developed a computer based application 	1			-			-	_
_	f. The learner has developed a hardware application	t J	_	~	ŀΪ		1	~	
	Any others, please specify						~		
				ł.,,	"À				
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

pic's act as the physical interfaces between deview on the plaint or manufactuoring floor: and a SCADA or thus, system, ple's can communicate, monistor and control compare culturated processes such as convergoes temper ature control robot cells and many other industrial maching.

CH . Cump Student Signature with Date 12 05 23

NSRIT, Sontyara, Visakhapatriam 531 173, AP

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NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Account & ACTE And Cale schedule ACTC, names set to 1001 (SO 1402: 5 400 sour (while waters) Recognized (wher 2(f) of the ECC Act 1964 = Accredited by NAAC with 'A' Grade (3,1044.04) SCHTYAE, Perducts - Anandeputer Reprov. Washapelness - 631173, Ph.: 9665624187, 6009464540, with official or

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Mari	larks							
	Internal Assessment	1	II						
Name D Sci Hilind	and Report (20		7-						
	Marks)	8.3							
ROLINO. 21NULADA13	Outcomes (10								
now no. active of the Oact 5	Marks)	10							
Program B. Tech	Final Presentation	1							
	(10 Marks)	þ							
Status of Completed / Not	2 7-1-1 M - 4 -								
Completion Completed	Total Marks	32-							
POLANUTING POT PO2 AGE POR AGE POR	PD6 P03 P09 P09 P01P	P011 F052 PS6	PSO12						
De 13/5/23	The	he							

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. : 21NULA0213 Course Code : 2066502. Title of the Course : programmable logic control.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

NO.	Description	Be	: fore L	e em	ing		After	Learni	ng
IYU.	Description	1	: 2	3	. 4	1	2	3	4
1	F have gained only theoretical knowledge	$\overline{\vee}$:		i			\sim	
	I have gained theoretical & practical knowledge		$\overline{}$					\sim	ĺ
	a. I have developed my Coding skills	1					$\overline{\mathbf{V}}$!
	 b. I have developed a product 		$\overline{\mathbf{\nabla}}$]		1	Ţ–	\sim	1
2	 c. I have developed a system or process 		\sim				\checkmark		
	d. I have developed my problem solving skills	~							: 🗸
	e. I have developed a computer based application		~						$, \nu$
	 These developed a hardware application 				Į		!		12
3	Any others, please specify								
						-8			

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However at is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	[Bel	io re l	-é9m	້ອາg	Ai	iter L	earni	ńġ
1402.	Description .	1	2	[]]	4	1	2	3	4
1	The fearner has gained only theoretical knowledge				<u> </u>	·		~	
	He / She has gained theoretical & practical knowledge					ſ		T	
	 The learner has developed my Coding stills 		~			:		i	V
	b. The learner has developed a product	~				i		i	\sim
2	 The learner has developed a system or process 	~				i			\checkmark
	 He/She has developed his/her problem solving skills 	~						$\overline{\mathbf{v}}$	
	e. He/She has developed a computer based application	~						∇	
	 The learner has developed a hardware application 					·		V	
	Any others, please specify								
3									
			-	_	_	_			

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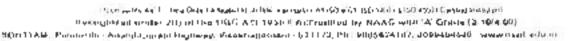
Learners Descriptive Learning Outcomes (Learners are expected to write tan – Meen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional shaets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the PIC programming we have learned a lot they are: D I have hearned that how give a ON delay timer & offdelay timer. 2) The traffic signals logic 3) And by using plc programming we can do atutomatic door opening & closing. 4) In sutomotic car washing also we use 5) In Automatic Car narking. 6) By PLC programming, I get to Know the bottle filling. 7) In PLC Wagramming the Logic DU Way easyer that other one. 8) 11 consome low power 9) I have learned anolog signal handling E closed loop control programming.

Student Signature with Date

NSRIT, Sontyam, Visakhapatham 531, 175, AP

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks	
		Internal Assessment	1 11	
Name		and Report (20	33 7	
	· D. HOZERO.	Marks)	11	
Dallala		Outcomes (20	LA.	
Roll No.	: 21NULA0275	Marks)	ło	
D	N - N	Final Presentation	6	
Program	Bitcoh	(10 Marks)	-	
Status of	Completed / Not		20	
Completion	Completed	Total Marks	27-	
POs Addrogend	PD1 PO2 PC1 PO4 PO5 PO6	POG PO7 PO8 PO9 PC	010 PO11 PO12 PSO1 P	5012

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. Course Code Title of the Course 21 NUINO 215 208 ESO2 Programmatic harres

programmable togic controller plc

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

ND.	Description	B	eiore .	earn	-ig		After	Learn	ina.
		1	2	3	2	1	2	Э	14
'	Thave gamed only theoretical knowledge	V					- 20	V	1
	I have gained theoretical & practical knowledge		V		i	1		11	
į	 Thave developed my Coding skills 	1	~					V	1-
-	5. I have developed a product	V					V	~	
20	c fielde developed a system or process		V						
1	d Thave developed my problem solving skills	1				-			1
	 Have developed a computer based application 		1				-		~
[1 Dave Geve oper a hardware application	~						V	
	Any others, alease specify	-				-1			~
1									
31									

Learning Outcomes (Please tick appropriately based on the learnars learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Septagged photos are needed and in case of online "Recording is mandatory" during assessment process, however it is suggested to facilitate the process larough online mode. Every nules short video recorried presentation supmission is also mandate and should be uploaded in LMS before the final dssessment.

No:	Cestmption	Зе	fore t	.ear:	ning	Al	iter u	earni	па
1	The lawses by the second	í	2	3	4	1	2	3	4
2	The learner has gained only theoretical knowledge	V	-					V	
	 Ig 7 Stig 1048 gamed liceorelical & bractical knowledge 		ø	100		37-1			ŝ
			2						-
	 Instearner bas ceveloped a product. 	~							~
	C. The learner has developed a system or owness	~	-					Y	1
		1						~	
	 Revolution as developed a computer based poplication 	~	-			-			7
	 The learner bas (leveloped a hardware application) 	~				-			1
	Any others, pluase specify	1 <u> </u>						- L	
ļ	· •								
3									

Note: The range "1" Ihrough "5" is Weak to Strong

· · ·

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs o product development. In case of product development, it should be submitted to the respective course instructor, please.

1 Shad Learnt basic concepts of ple. 2) shad learnt components of ple. 3) shad learnt components of ple. 3) shad port Juned Some basic Operation using ple. Ladder program. 4) shad port Juned Some suchestrial Schatch Machines control program using programmable Jogic controller of Laddes program.

Sludent Signature with Dafe

NADIMPALLI SATYANARAYANA RAJU ٢G **INSTITUTE OF TECHNOLOGY** (AUTONOMOUS)



Increment of ACTE, New York & Administration in TAC, Increment President Rd + GO + GO + GO + STE + Control Processory Receptions under 2(0 of the VGC Art 1868 is Accredited by KAAC with 'A' Grade (3, 16/4.40) CONTYAM, Penderth - Anaralaparam Highway, Visakhapelana - 631173, P> 0486474187, 0000486546, wave neril eduin

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	H a	rks	
D	HARMI REODY	internal Assessment	4	íl.
Name	PUSHPATA	and Report (20	. (0
		Marks)	9.5	7
Rolí Na,	21NU1A0216	Outcomes (10	10	
	ETNORIOZIO	Marks)	18	
Program	BITECH	Final Presentation	8	
-		(10 Marks)	U.	
Status of	Completed / Not	Total Marks	AS	
Completion			45	
PCs Addressed	PO3 PO3 PO3 PO3 PO3	PO6 PD6 PO7 PO8 PO7 FO19	P011 P313	PSOI PSO12

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. : 21NU (A02)6 Course Code 2066502 Title of the Course Title of the Course : Programmable hogic Controller Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Description	Be	fore L	earn	İng		Afte	r Learn	ing
•	1	2	3	4	1	Ĩ2	3	4
I have gained only theoretical knowledge	~			i		i	1	1
Thave gained theoretical & practical knowledge	\checkmark		···	ţ			17	
 Thave developed my Coding skills 	i	~	·		Ī	+	-! <u></u>	
b. These developed a product	i	~	•		:	+	i v	-
c. I have developed a system or process	\checkmark		-		i	+	1	1
 I have developed my problem solving skills 	V		i		1	1	1	
e I have developed a computer based application		1		i i		11	1	I
 I have developed a hardware application 		\sim		÷	· —		\checkmark	ļ
Any olders, please specify								
	 a. Thave developed my Coding skills b. Thave developed a product c. Thave developed a system or process 	I have gained only theoretical knowledge I have gained theoretical & practical knowledge A have gained theoretical & practical knowledge A have developed my Coding skills D. There developed a product C. There developed a system or process A there developed a system or process A there developed a computer based application f. There developed a hardware application	1 have gained coly (heoretical knowledge ✓ 1 have gained theoretical & practical knowledge ✓ 1 have gained theoretical & practical knowledge ✓ 2. Thave developed my Coding skills ✓ b. Thave developed a product ✓ c. Thave developed a system or process ✓ d. Thave developed my problem solving skills ✓ e. Thave developed a computer based application ✓ f. Thave developed a hardware application ✓	1 2 3 1 have gained coly (heoretical knowledge ✓ 1 have gained theoretical & practical knowledge ✓ 2 1 have gained theoretical & practical knowledge ✓ 2 1 have developed my Coding skills ✓ 2 1 have developed a product ✓ 3 1 have developed a system or process ✓ 4 1 have developed my problem solving skills ✓ 1 1 have developed a computer based application ✓ 1 1 have developed a hardware application ✓	1 have gained coly theoretical knowledge 1 1 have gained theoretical & practical knowledge 1 2 have gained theoretical & practical knowledge 1 2 have developed my Coding skills 1 3 have developed a product 1 4 have developed a system or process 1 4 have developed a system or process 1 4 have developed a computer based application 1 5 have developed a hardware application 1	1 2 3 4 1 1 have gained only theoretical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 2 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 2 1 have developed my Coding skills ✓ ✓ ✓ 2 1 have developed a product ✓ ✓ ✓ 2 1 have developed a system or process ✓ ✓ ✓ 2 1 have developed my problem solving skills ✓ ✓ ✓ 2 1 have developed a computer based application ✓ ✓ ✓ 3 4 1 ✓ ✓ ✓ 4 1 have developed a computer based application ✓ ✓ ✓ 4 1 have developed a hardware application ✓ ✓ ✓	1 2 3 4 1 2 1 have gained only theoretical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 2 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 2 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 2 1 have developed my Coding skills ✓ ✓ ✓ 2 1 have developed a system or process ✓ ✓ ✓ 3 4 1 2 3 4 1 2 4 1 have developed a system or process ✓ ✓ ✓ ✓ 4 1 have developed my problem solving skills ✓ ✓ ✓ ✓ 4 1 have developed a computer based application ✓ ✓ ✓ ✓ 5 1 have developed a hardware application ✓ ✓ ✓ ✓	1 2 3 4 1 2 3 1 have gained only theoretical knowledge ✓ ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ ✓ 2 1 have gained theoretical & practical knowledge ✓ ✓ ✓ ✓ 2 1 have gained theoretical & practical knowledge ✓ ✓ ✓ ✓ 2 1 have developed my Coding skills ✓ ✓ ✓ ✓ 2 1 have developed a system or process ✓ ✓ ✓ ✓ 4 1 have developed my problem solving skills ✓ ✓ ✓ ✓ 4 1 have developed a computer based application ✓ ✓ ✓ ✓ 5 1 have developed a hardware application ✓ ✓ ✓ ✓

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by laculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment

1	Description The learner has gained only theoretical knowledge Re / She has gained theoretical & practical knowledge		2	Э	4	1	2	3	4
		~						L	-
	He / She has gained theoretical & practical knowledge						1	:	\sim
			:					<u> </u>	<u> </u>
	 The learner has developed my Coding skills 		~					200	ţ
	b. The learner has developed a product		\sim		!			-	7
2	c. The learner has developed a system or process	İ	\sim	_					~
_	 He/She has developed his/her problem solving skills 		\sim					\checkmark	
_	 He/She has developed a computer based application 		$\overline{\mathbf{v}}$						~
	 The learner has developed a hardware application 	i	5			:			\checkmark
3	Any others, pleaso specify								

E = p

Loarners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. From this course, 9 bearred to understand the logic of the ladder diagnam and also understood the implementation of the ladder diagram. D. I understood the basic concepts of PLC (Programmable Logic Controller) 3. I will able to describe the typical components of a program. 4. From the PLC, we will get to know how the pic will implement on industrial applications. 5. from the PLC, we can control the system function ming internal Logic.

D Pushpaja Sludent Signature with Date 1215123

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	K	arks	
	Internal Assessment	Т. (, 1	
Name D. Sazion Kumoj	and Report (20	- a (
1	Marks)	8.9 6	9
ROPNO. 21NULAU217	Outcomes (20		×
AND A POINT	Marks)	15	
Program B. Tech	Final Presentation		
	(10 Marks)	8	
Status of Completed / Not Completion Completed	Total Marks	38	
POI Addressed POI POZ PCO PO4 PO5 PO4	206 207 101 Pas Pa	10 PO11 PD12 PSOL	P5012
No 13/5/23	En		

Signature of Course Facilitator with Date

(LOA Signature of HoD with Date

Roll No. Course Code	21NU/A0217	
Title of the Course	Programmable logic	Con-1

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	8	etore l	.eam	ing	. /	Afler	Learn	ina
1	nave gained only theoretical knowledge	1	2	3	4	1	2	3	1
-	Lhave galined theomises 2 accut and	V	+	<u> </u>				V	·
	Thave galried theoretical & practical knowledge		\vee				_	V	
	 a. I have developed my Coding skills b. I have developed a product 	V					\checkmark		
2	C I have developed a product		~				1	V	-
1	 I have developed a system or process 		V		_		1		
t	d Thave developed my problem solving skills	\checkmark			Ī				
ł	e. I have developed a computer based application		-				1		-
	I. I have developed a hardware application	~		+		- <u>-</u>	-+		-
	Any closes, please specify	50 .000	1.000						×.
1									

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled ov faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 1 2 3 4 1 1 1 1 2 3 1 1 1 1 1 1 1 2 1 1 1 1 1	er Learning
a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or preserve	
a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or present.	
2 0. The learner has developed a product	
2 0. The learner has developed a product	
4 0. The learner has developed a system or process.	
d. He/She has during head high and high	_ <u>_</u> _
interest of the severage of the service se	
e. He/She has developed a computer based application	
1. The learner has developed a hardware application	
Any others, please specify	V

Learners Descriptive Learning Outcomes (Learners are expected to write ten – Infleen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please atlach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By The pla programming we have bearred a log they are > I have learned that how give a ON delay times & off delay times. > The traffic signah logic -> - And by using ple programming we Can de automatic door opening G closing -) Sa automotic can washing allowe can -> In automatic Con parking. > By pla programming, & get to know the bottle filling. -> Zn plc . programming The fogic vary easin that other one. are -3 &+ Consume Jow power. -> Capable of hondling of complicated logic operation. Viny

Student Signature with Date

Roman Kumon

12/5/23

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Hote-stin ACTE Pre Sets Advance SFRC Advance FALSE Val. (ID 162116 (30 1531) Confee) Instant) Presount red trades (3:10:4:00) SONTYAN: Pendertin - Anextoporem Highway, Weatheptinian'- 631173, Ph. (3005624167, 60454646-6, seven name odu m

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Marks
	Internal Assessment I II
Name of POLINAIDU	and Report (20 7-3 8
	Marks)
Roll No. 21NULA0218	Outcomes (20
instition Envolution 10	Marks)
Program B - TECH	Final Presentation
C-CECH	(10 Marks)
Status of Completed / Not	Total Marks
Completion Completed	
POs Addressed PO1 PO2 PO3 PO4 PO5	FQ6 PG6 FQ7 PG6 PQ9 P010 P011 P012 P\$01 P\$012
Que.	
N 215123	1-1cbp

Signature of Course Fachitator with Date

NG

Signature of HoD with Date

Roll No. : 21 NULADIS Course Code : 20 EE SO2 Title of the Course : Programmable Logic Contercher

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	etare I.	earn	ng		After	Leam	ing
	Libour animal anti-theory is the state	1	2	3	4	1	2	3	4
	Thave gained only theoretical knowledge			\sim					~
	i have gained theoretical & practical knowledge		~					-	-
1	 I have developed my Coding skills 	1	~					<u>.</u>	1.1
	b I have developed a product	<u> </u>	~					~	·~
2	c. I have developed a system or process				· · ·			~	
	d. I have developed my problem solving skills	\vdash							
	e I have developed a computer based application						- 1		<u>×</u>
L	 I have developed a hardware application 	<u> </u>		- i				~	V
-	Any others, please specify							V	
	, , , , , , , , , , , , , , , , , , , ,								
3									1
6									
]									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Nc.	Description	Be	fore	Lean	ning	A	fter L	eam	ing
1		11	2	3	. 4	1	12	3	4
1	The learner has gained only theoretical knowledge	[_			r			<u> </u>	†
	He / She has gained theoretical & practical knowledge			-			<u> </u>		F
	a. The learner has developed my Coding skills	1-	\vdash					-	┢──
_ İ	 b. The learner has developed a product 	ŕ	(· · · ·	i		-			-
2	 The learner has developed a system or process. 		<u> </u>						
	 He/She has developed his/her problem solving skills 	┥╼		—	ī		- 1		<u> </u>
[e. He/She has developed a computer based application	<u>.</u>				_	<u> </u>		<u> </u>
	 The learner has developed a hardware application 		-						-
	Any others, please specify								
!									
а I									
~ '									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development geined through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the PLC Programming one have learned a lot they are 1. I have learned that how give a on de lay Limer EOFF delay Lines. 2. The Graffic Signals logic 3. AND by Using PLC Programming we can 20 Automatic Loor opening & closing. 4. In AULOMAN'L East washing In Automatic car parting 2 . by PLC programming the Logic are Vers 6 easyer that other one IF CONSUME LOW Poren 7. I have teamed analog singal handling 8 and closed loop control programming

Gr-Polinia G 11-S-23 Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

(Approved by ACTL, Handelet) Atland is a fun, Kalmadelan GO 2000, 500 (100) Also alobi Cantul Matada) Recognized under Z(4) of the MCC Act 1996 # Approximited by NAAC with "A" Strate (2.1014.00) SONTYAN, Pendurbin-Angedoputam Hyptwork, Vitebhogathem - 831173, Phi 9865624187, 2009-661576. www.navibada.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ман	ks	
Name	K. Jithendra	Internal Assessment and Report (20 Marks)	7	# 8
Roli No.	21NU1A0220	Outcomes (20 Marks)	10	
Program	B. Tech	Final Presentation (10 Marks)	7	
Status of Completion	Completed / Not Completed	Total Marks	32	
Pôs Laborne 1	Nor JS123	PC4 P07 PCU 709 P010	POIN POIN	SOI 75012
Signature of	Course Facilitator with Date	Signature of F	toD with Date	-

Roll No. : 21NULA0220 Course Code : 20 EE Sor Title of the Course : programmable logic controller [pig]

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

	Burndattan	Be	afora L	eami	ng	í J	After	Leam	ng _
No.	Description	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	\mathbf{V}						V	
	I have gained theoretical & practical knowledge		\sim					\checkmark	
	 I have developed my Coding skills 	V					\checkmark		
	b. I have developed a product	[\sim	:	<u> </u>			\checkmark	
2	 c. I have developed a system or process 		\checkmark				\checkmark		
	 I have developed my problem solving skills 	~							\sim
	e. I have developed a computer based application	1.	\sim						~
	 I have developed a hardware application 	\checkmark]	[V
	Any others, please specify								
3									
1									
	5. St.								
	1								-

Learning Outcomes (Please tick appropriately based on the tearners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geclagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

[]	D. 4 K.) Be	fare l	eam	ing	Aſ	ler t	eami	ւց
No.	Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	$\overline{}$						\sim	'
	He / She has gained theoretical & practical knowledge		1						
	 The learner has developed my Coding skills 		\checkmark						~
	b. The learner has developed a product	\sim	<u> </u>	L	<u> </u>			\sim	
2	 c. The learner has developed a system or process 		~					\sim	
	 He/She has developed his/her problem solving skills 		\sim					\sim	
	 He/She has developed a computer based application 	<u> </u>	5						
	f. The fearner has developed a bardware application		~				L	V	
	Any others, please specify								
1									
3									- 1
1									
	4								
						_			

Learners Descriptive Learning Outcomes (Learners are expected to write ten ~ fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development galned through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

ple's act as the physical interfaces between devices on the plant or many facturing floor and a schop of HMI system, ple's can communicate, monitor, and control complex automated processes such as conveyors, tem perfatione control subsol and many other industrial maching. 12/05/23



NADIMPALLI SATYANARAYANA RAJU 62 INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

NAAC

(Accuracióny ACTE, Alex Debit a Azanamana armad, Kananda il An dio 1001, rilo 14001 a dio 45001 Cantana instantori) Recognized under 2(f) of the UGC Act 1936 J According by MAAG with "A" Grade (3.194.00) BONTYAM, Penduates - Anandeputem Highway, Visakheowinam - 531173, Ph (\$555524107, \$009-164546, www.naml.odv.in

Assessment Report **Skill Oriented Course**

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ма	rks	
Name	K. Ki Bhitta	Internal Assessment and Report (20 Marks)	। १•}	" · 9
Roli No.	RESORIORIE	Outcomes (20 Marks)	1,6	
Program	B.Tach (EEE)	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	43	
POL Addrespy	POI PO2 EST POX PO3 PO1 215123	PO6 PO7 PO1 PO1 PO1	POH1 PDH2	JSD1 P5012
Signature of	Course Facilitator with Date	Signature of	HoD with Da	le

Roll No. : 21NUIAO221 Course Code : 20EE902 Title of the Course : Programmable logic controller (ab (PLC (ab)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	eami	ing_	After Learnin				
		1	_2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	1					\checkmark		,	
	I have gained theoretical & prectical knowledge	\sim	I					\checkmark		
	 I have developed my Coding skills 	\checkmark						1		
	 I have developed a product 	V					5			
2	 I have developed a system or process 	1					1			
	 I have developed my problem solving skills 	J						9		
	e. Thave developed a computer based application	\checkmark						\sim		
	 I have developed a hardware application 	\checkmark			I			~		
	Any others, please specify								0	
3										
Ť										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore l	earr	ing	After Learning				
		1	2	3	4	1	2	3	4	
1	The fearner has gained only theoretical knowledge	~						4		
	He / She has gained theoretical & practical knowledge		I							
	 The fearner has developed my Coding skills 	-							V	
	 The learner has developed a product 		~		!			1	~	
2	 The learner has developed a system or process 	\sim					_	1	\checkmark	
	 He/She has developed his/her problem solving skills 	~							V	
	e. He/She has developed a computer based application	\sim					1	\sim	,	
	 The learner has developed a hardware application 	\checkmark							\checkmark	
	Any others, please specify									
3										
3										

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

D. NOW, I am able to describe typical components of a Programmable logic controller 2. I am able to Explain and Leaven the busic concepts of a programmable logic controller 35 am able to State bassic Pic termindagy and their meanings. J. Sam adde to Explain the concept of basic digital Electronies and deta manipeutation 5). Sam able to Erglain and apply the concept of electrical ladder rogic, its history and its sulationship to programmed PLC instruction 3) giam able to time, counter, and other intermediate programming functions. 7) I am able to design and program a small automated industrial production line.

CK-Libbialta Student Signature with Date 12/5/23

NSRIT, Sontyam, Visakhapatham 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Representing ACTT, New Constr Minipulation Bright, Katalyay, LAN (50, 1009, 150, 1609) & 150 PM/II Constant Industry Recognized under 2[4] of the USC Act 1056 # Accredited by NAAC with 'A' Grade (316/4.00) SON DFAM: Persion the Anter Separate Highway, Vieth Agenticate (#35172, Ph.: 9803674187, UCV/4.64644, www.ns.it.sofe in

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	¢/	larks
	Internal Assessment	
Name HAREDLA MOHAN MADHU BALA	and Report (20 Marks)	9 9
Roll No. 21NUIA0222	Outcomes (29 Marks)	18
Program Bleth	Final Presentation (10 Marks)	8
Status of Completed / Not Completion Completed	Total Marks 4	44
POs Accircated PO1 PO2 PO3 PO4 PO5 PD6	POS PO7 PO8 PO9 P	010 PO11 PO12 PS01 PS012

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. : 21NUTA0222 Course Code : 20EE302 Title of the Course : Programmable logic controlled

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

cription ve gained only theoretical knowledge ve gained theoretical & practical knowledge i have developed a product i have developed a product i have developed a system or process i have developed a system or process i have developed a computer based application i have developed a hardware application	1	I 6 -			After Learning				
9 08IDBC 08IV theoretical knowledge			3	4	1	2	3	4	
a device with coordinate with buildings			l i						
a gained theorebcal & practical knowledge		\sim							
nave developed my Coding skills		1				-			
have developed a product		1	-						
have developed a system or process	Ī	1					1		
	-+	~	Ī				Ť		
have developed a computer based application		V			Ī	_	$\overline{\mathbf{x}}$		
have developed a hardware application		5		-			Ť!		
thers, please specify									
								1	
	I have developed my Coding skills I have developed a product I have developed a system or process I have developed my problem solving skills I have developed a computer based application I have developed a hardware application	I have developed my Coding skills I have developed a product I have developed a system or process I have developed my problem solving skills I have developed a computer based application I have developed a hardware application	I have developed my Coding skills I have developed a product I have developed a system or process V have developed my problem solving skills Pave developed a computer based application V have developed a hardware application	I have developed my Coding skills I have developed a product I have developed a system or process V have developed my problem solving skills V have developed a computer based application V have developed a hardware application	I have developed a product I have developed a product I have developed a system or process V I have developed a system or process V I have developed a computer based application V I have developed a hardware application	I have developed a product I have developed a product I have developed a system or process V I have developed a system or process V I have developed a computer based application V I have developed a hardware application	I have developed a product I have developed a product I have developed a system or process I have developed a system or process I have developed my problem solving skills I have developed a computer based application V I have developed a hardware application	I have developed a product I have developed a system or process I have developed a system or process I have developed a system or process I have developed a computer based application I have developed a hardware application I have developed a har	

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	L Be	fore	: Lea	arning	A	fter L	earni	ng
		1	j 2		3 4	1	2	3	4
1	The learner has gained only theoretical knowledge	~	7	Ť	i	+	レ	-	-
	He / She has gained theoretical & practical knowledge		+-	+	-	+	+	a	
	 The learner has developed my Coding skills 	+	1.0	*	+-		İ -	\sim	<i>e</i>
	 The learner has developed a product 	~	*	+	- <u>-</u>	+	<u> </u>	<u> </u>	
2	c. The learner has developed a system or process	t	+	Ī	+-		14		
l	4 He/She has developed his/her problem solving skille	1.	ł .	+	-	T		\sim	
	e. He/She has developed a computer based application	1×	1.	+-	+	+	130	~	
_ [The learner has developed a hardware application 	\sim	1.	+	,	-		Ύ́́́́A	
	Any others, please specify	· ·						V	
3									
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please ettech additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

we had rearred about sequence of operations and moster ladder light programming. A programmable logic controller (PLC) 18 a BMOUL. modular solld state computer with customized instructions you performing a particular table 3. PLC which one used in industrial control system ter a wide volicity of industries have langely replaced mechanical relays. drum sequencers and com timers in encironations in various applications in in industries such as the steel industry estimated in i industry, chamical industry and the energy Sector

h: madhus Bala 12/05/2025 Student Signature with Date

NSRIT, Soniyam, Visathapatham 531 173, AP

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provide to ACTC, the Delit result of STAR, Randon to STAR, Radio to Statut, 100-1003 (Control results) Recognized under 2(1) of the UCC An Instein According by MAAC with 14/ Orado (3.1944,04) CHTYAS, Personal - Resultance Management - Rest 17, 19, 19, 19, 2004 (3.1, 2014) (3.5, 2014)

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	W	urka 👘	
Neme	Kr Mahesh Kumar	Internal Assessment and Report (20 Marke)	2.7	• 7
Roli No.	21 NULAU229	Outcomes (10 Marks)	10	
Program	Bitch	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Not Completed	Total Maries	2.6	
POr Antonian	NOL POZ POJ POJ POJ POJ			1 ISO1 ILO13
Signature of	Course Facilitator with Date		f HoD with Da	nte-

Roll No. Course Code Title of the Course

21NU1A0223 2088 SO2

PY orground a bla Logic Con it ducy Learning Outcomes (Please tot appropriately based on your course) (Sell-Assessment)

		Be	(ore L	earni	ng	ĺ	After	Leami	ΠĢ
NO.	Cescription	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	\checkmark			·			1	
	I have gained theoretical & practical knowledge		V.	<u>.</u>	<u> </u>		1	\mathbf{v}_{-}	
	 a. Thave developed my Coding skills 		1					\mathbf{v}	
	b. I have developed a product	ļ	 					\vee	
2	 I have developed a system or process 		× .				<u> </u>	V.	
	d. I have developed my problem solving skills	V.	!		<u> </u>			 Image: A set of the	Ļ
	e. I have developed a computer based application		∇						V.
	 I have developed a hardware application 	1					L	\mathbf{V}	
	Any others, please specily								
3									
v									
	10 A 1				_		1.11		100

Learning Outcomes (Please tick appropriately based on the learnars learning outcomes) (To be filled by feculty during one to one assessment either through online or offine or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during essessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandale and should be uploaded in LMS before the final assessment.

- 1	- 12	Be	tore li	es/i	1ing	A	iler L	eaml	ng
۹o.	Description	1	2	Э	4	1	2	3	4
1	The learner has gained only lheoretical knowledge	14						$\mathbf{\nu}$	í –
	He / She has gained theoretical & practical knowledge	1							
	 The learner has developed my Coding skills 		\checkmark						V
	b. The learner has developed a product	_	~						\checkmark
2	c. The learner has developed a system or process		~				Ļ		\checkmark
	 He/She has developed his/her problem solving skills 		1					\sim	Ĺ
1	 He/She has developed a computer based application 	\leq				1		1	1
	 The learner has developed a hardware application 	V]					\checkmark
5	Any others, please specify	1							
	• • • •								
3									
3									
			_				_		_
									1.11
4									

NSRIT, Soniyam, Visakhapatnam 531 173, AP

Note: The range '1' through '5' is Weak to Strong

i Smitten million

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional steets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1 shad learnst basic concepts of pic 2) I too bash working of plc in automation andustry. 3) shad perbormed somebasic program -make washing programmable controlies. ųj. shad reason pasic application of Ple in and owner on raperory. E and the stand of a stand 5) & had some knowledge on Alc programming hadder blocks.

K. Mahish 12/05/2022 Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M;	urks	1000 (
Name		Internal Assessment	1	[]
Hamp	K. Ghaskay Rao	and Report (20 Marks)	9.3	9
Roll No.	RINNIAO224	Outcomes (20 Marks)	15	•
Program	Btech	Final Presentation (10 Marks)	8	100
Status of Completion	Completed / Not Completed	Tolal Marks	42	L
Signature of	Por Poz Poz Poz Pos Pos AUTED TELES Course Facilitator with Date	PD6 Not PO8 PO9 POH	P	P501 P5032

Roll No. Course Code Title of the Course

21111110224 2 2086 302

Tille of the Course : Programmable Logic controller - Plc Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	afore L	earni	ńg		After	Learni	ng
1100		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	1	\sim						\mathbf{v}
	I have gained theoretical & practical knowledge			\checkmark	Ī			\checkmark	
	 I have developed my Coding skills 		1					V	
	b. I have developed a product	Ì		V			:		\checkmark
2	 c. I have developed a system or process 		4				1		\sim
	 I have developed my problem solving skills 		\checkmark				Î		V
	e. I have developed a computer based application			\checkmark			ł		V
	 I have developed a hardware application 		V				:	V	
	Any others, please specify								
3									
Ŭ									
					-				

Learning Outcomes (Please tick appropricially based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment

ki.e.	Presiden	Be	fore L	ean	ling	A	fler l	oami	ng
Nq.	Description	1	2	З	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~						~	
	He / She has gained theoretical & practical knowledge						<u>.</u>		-
	 The learner has developed my Coding skills 	~	_	_				<u> </u>	\sim
	b. The learner has developed a product	~						\sim	<u>†</u>
2	 The learner has developed a system or process 		\sim						\sim
	d. He/She has developed his/her problem solving skills		\sim				-		V
	e. He/She has developed a computer based application		\checkmark				_		4
	 The learner has developed a hardware application 	N							1
3	Any others, please specify								

and the second second

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1) Shad rearned basics of the. **ð** -I had portermed the basic operation on simulator on plc. 3) I had performed some real application using p/c ladder programming. 4) I wonderstand the hadder block diags am. 5) & learn+ the system components of a programmable logic controller. I had basic of uses of plc in ଚ) 👘 automation mausixy sector.

K. BROSKAN Rep 12 (0 5] 7.3 Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	Komburu Karthitk	Internal Assessment and Report (20 Marks)	1 3-3	11 9,
Roll No.	2INVIA0225	Outcomes (10 Marks)	1.6	
Program	B. Tech	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Not Completed	Total Marks	35	
POs Adáragsad	ROI POZ ADO ROM POS PO N 1210/20	N ROS FOT POS ROS PO	10 P011 P012	PSQ1 PSO12
Signature of	Course Facilitator with Date	Signature of	HoD with Da	te

Roll No. : 21NUIA0225 Course Code : 20EESOL Title of the Course : PROGRAMMABLE LOGIC CONTROLLER

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	86	riore L	earni	ng		After	Learni	ing
TNO.	Cescubio.	j 1	2	3	4	1	2	3	4
1	I have gained only theoretica? knowledge		\checkmark						\sim
	I have gained theoretical & practical knowledge		<u> </u>]					
	a. I have developed my Coding skills			~	r -				V
	b I have developed a product			5					i 🗸
2	c. I have developed a system or process			~					\checkmark
	d I have developed my problem solving skills		6						\sim
	e I have developed a computer based application		\sim	į				,	
	1. I have developed a hardware application		~					V	
3	Any others, please specify								
3									
Ŷ									
	5								
	-5								

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore L	aart	ing	Af	ter L	eærni	ng
ΝŲ.	- Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	N	ſ						-
	He / She has gained theoretical & practical knowledge		Y .						
	 The learner has developed my Coding skills 		\checkmark				1		~
2	b. The learner has developed a product	\sim	ł						$\overline{\mathbf{v}}$
2	 The learner has developed a system or process 	\sim						\sim	
3	 d He/She has developed his/her problem solving skills 	V						\sim	
1	e He/She has developed a computer based application	N						N	
	 The learner has developed a hardware application 	\downarrow							\checkmark
	Any others, please specify								
4									
3									

•

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

A Programmable logic controller CPLOS 9, a specialized Computer used to control machines and frocers. A Programmable logic controller (PLC) is a moll, modular solid state Computer with Customized instruction for performing a particular task. Fic Act as the physical interfaces between devices on the plant or manfacturing floor and a SCADA or HM-I System. PLC'S are Robust and Elexible Control Solution that can be adapted to gound applications.

k bud Rec (12-05-23)

Student Signature with Date



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Vestereliy ACIC, Her Dah I Astronom, ACUA, Addes I Andro Isti, (Schladt 1991) 2001 Center Patrici Recognized under 2(E) of the USC Act 1956 I Accessitied by NAAC with "A' Drede (3, 1944-00) SCHITZAM, Pendwithin Anendepurph Highway, Vestilagament - 311173, Ph ; 3603624107, 5079484646, www.nave.odu.in

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ма	rks	
Name	K. Steliofu?	Internal Assessment and Report (20 Marks)	। १.३	1 10
Roll No.	DINUT ADDZ G	Outcomes (20 Marks)	13	8
Program	B-Tech (EEE)	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	4	5
POx Adoresond	PRI POZ 800 POJ POJ POJ	1906 1907 1908 1909 1909 FCC		2 P901 P5012
Signature of	Course Facilitator with Date	Signature of	6	ite

Roll No. : 21NULA0226 Course Code : 20EES02 Title of the Course : program Logicable Controller Lab (PLC Lab)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	eami	ng		After	Learni	ng
	· · ·	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	\sim					\sim		_
3	I have gained theoretical & practical knowledge	\sim			-	1		\sim	
	 I have developed my Coding skills 	V						$\overline{\mathbf{v}}$	
	 b. I have developed a product 	V					\sim		
2	 c. I have developed a system or process 	V					\sim		
	 I have developed my problem solving skills 	V						\sim	
	e. I have developed a computer based application	$\overline{\mathbf{v}}$		I				Ň	
1	 I have developed a hardware application 	∇						\sim	
	Any others, please specify								
3									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However It is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description	Be	fore l	.ean	ing	A	fler L	eami	ng
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge							~	-
	He / She has gained theoretical & practical knowledge		1		1				
	 The learner has developed my Coding skills 	1			•	-			\sim
	b. The learner has developed a product	~							\sim
2	 The learner has developed a system or process 	∇	r—					\sim	-
	d. He/She has developed his/her problem solving skills	1				_			
	 He/She has developed a computer based application 	\sim						~	
	 The learner has developed a hardware application 		I						\checkmark
	Any others, please specify			<u> </u>					
3									
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheats in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

DNOW. Iam able to descentbe Typical components of a programmable Logic Courbiolitur. 2) I an able to Explain and Leann the basic concepts of a programmable Legic controller. 3) I am able to state basic plc Termindogy and Their Meanings. H) I an able to Explain The Concept of basic digital electronics and data Manipulation. 5) I am able To Explain and apply the concept of Electrical Ladler Logic, its History and its subationship to programming Functions. SIT an able to Times, Couplex, and other Intermediate programming Functions. #) I am able to design and program a small, automated Industrial Production Line.

25 Adusini Student Signature with Date

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According KCTC, My Detrig Materia & Britter Kateria I Arti(0 501, i)(3 1401) (60 400) (antice tratact) first opprived under 2(1) of the UGC Act 1954 # According by NAAC with 'A' Grede (5.104.00) \$0N7YAN, Pendenthi - Anandoporam Highway, Visebhepstram - \$31172, Ph (19868824167, 6099404648, seven epit) edu.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Marks
	Internal Assessment I II
Name M. MUKRSh	and Report (20 8: 7- 8
	Marks)
Roll No. 21NUIA0222	Outcomes (20 3
	Marks)
Program Q: Tech	Final Presentation
	(10 Marks)
Status of Completed / Not	7-1-1-1-1
Completion Completed	Total Marks 36
POL Addressed PDI PDZ POJ PD4 POS P	QI POG PO7 PON PO9 PO10 PO11 PO12 PS01 P8012
A 1	
N12/5/23	TCG F

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. : 21NU1 A0227 Course Code : 20 EE302 Title of the Course : Programmalale

logic controller

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	elore (eam	ing	,	After	Leami	ing
1	I have gained only theoretical knowledge	1	2	3	4	1	2	3	4
	I have gained theoretical & practical knowledge		V.					\sim	•
	a. There developed my Coding skills		×.					× .	
	 I have developed a product 				<u> </u>			Y	
2	 C. I have developed a system or process 		Ň					X	
	d. There developed my problem solving skills		- <u>~</u>					~	
	e I have developed a computer based application		\sim					Ž	
 	I have developed a hardware application	!	\sim					\sim	
	Any others, please specify								
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description	Be	fore I	Ear	ing	. A	llêr L	earnin	ាប្
2	The learner has gained only (heoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. Ha/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	<u> </u>		3			2		
3									

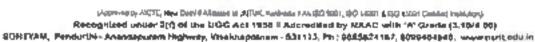
Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. me had learned about sequence of operations and master ladder logic programming 2 A programmable legic controller (prc) is a small modular solid state computer with customized instructions dur performing a particular tash PLC which are used in industrial control system 3you a wide voriety of industries have largely replaced mechanical relays drom sequencess and cam time 18 PLC & and used in various applications in 12 Industries such as the steel industry automobile industry. chemical industry and the energy sector

Student Signatur

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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	M. Lalith Kumar	Internal Assessment and Report (20 Marks)	1 8.5	॥ २-
Roll No.	21 NVI AO22X	Outcomes (20 Marks)	12	
Program	Bkch (EEE)	Final Presentation (10 Marks)	2	
Status of Completion	Completed / Not Completed	Total Marks	35	-
PDe Addensed	Pol PO2 ROY ROY PO3 PO1 22/5/23	PO6 P07 P08 P09 P0	F 1011 Mit	2 PBD1 PS012
Signature of	Course Facilitator with Date	fre	HoD with Da	ate

Roll No.	:	JUNNIA	31.13				
Course Code	:	5066203	-				1.11
Title of the Course	;	pogram	logicable	Conductor	Log	CDEC	(00)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		efore L	earni	ng	After Learning				
IND.		1	2] 3	4	1	2	В	4	
1	I have gained only theoretical knowledge	\sim]			$ \nabla $			
	I have gained theoretical & practical knowledge	\sim						V_{-}		
	 I have developed my Coding skills 	$ \nabla $						\mathbf{v}_{-}		
	 b. I have developed a product 	6]			\mathbf{v}_{-}			
2	 I have developed a system or process 	\mathbf{v}					\mathbf{v}			
	 I have developed my problem solving skills 	\sim						\mathcal{V}_{-}		
	 I have developed a computer based application 	\sim]]	~		
	 I have developed a hardware application]				-		
	Any others, please specify									
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

h.L.	P	Be	fore	learn	ning	A	iter L	earning	
Nø,	Description	1	. 2	3	4	[1 _	2	3 4	4
1	The learner has gained only theoretical knowledge	\sim	2	_					
8.—	He / She has gained theoretical & practical knowledge					-			
	 The learner has developed my Coding skills 		\sim					15	~
	 b. The fearner has developed a product 	\sim	<u>1</u>					~	~
2	 The learner has developed a system or process 	\checkmark	1						/
	 He/She has developed his/her problem solving skills 	~			•				/
	 e. He/She has developed a computer based application 	\sim							4
_	 The learner has developed a hardware application 	\sim	1					U	/
	Any others, please specify								
3									
0									
					_				

Note: The range '1' through '5' is Weak to Strong

-

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. Note I am able to decembe typical components of a programmable logic contribut 2. I am able to explain and learn the basic concepts of a programmable logic · rostroller . 3. I am able to state basic PLC terminology and their meanings. 4. I learn the concept of electrical laddes logic, its history, and its relationship to programmed ple instruction. 5: NOW I am able to use timper counter and other intermediate programming functions. 6. I am able to design and program a small, automated industrial production Vine. I gain troubledge about base ple ٦. circuits too entry - level PLC applications

M. Lalian 15/23

Student Signature with Dale



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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks	
		Internal Assessment	L	11
Name	M· Bhanu	and Report (20 Marks)	9.7	9
Roll No.	21NU1A0229	Outcomes (20 Marks)	18	
Program	B.tech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	45	
POs Addressed	PO1 PO2 PO3 PO4 PO3 PO4	P09 P09 509 509 P0	10 PO11 P	012 FSD1 PS012
	1215/23	The	6	2
Signature of	f Course Facilitator with Date	Signature of		

Roll No. : 2INIU190229 Course Code : 20EESch Title of the Course : Programmable logic Controlles

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	elfore L	eami	ng		After	Learni	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge		V						v
	I have gained theoretical & practical knowledge			4				4	
	 i have developed my Coding skills 		Y						V
	 I have developed a product 		V				V		
2	 I have developed a system or process 			V				Y	
	 I have developed my problem solving skifts 		V		:			V	
	e. I have developed a computer based application			~					$\boldsymbol{\nu}$
	 I have developed a hardware application 	_			V				5
	Any others, please specify							0.00	
3									
- 1									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore	ean	ning	A	fler L	eami	ing
NV.	basaipaan	1	2	3	4	1	2	13	4
1	The learner has gained only theoretical knowledge	V	F I		_			\checkmark	
	He / She has gained theoretical & practical knowledge		i						Ī
	a. The learner has developed my Coding skills		\checkmark	,					\sim
5	b. The learner has developed a product		\checkmark						~
2	 The learner has developed a system or process 		\sim						~
	d. He/She has developed his/her problem solving skills	$\overline{}$			<u> </u>				\checkmark
	e. He/She has developed a computer based application	~						N	7
	f. The learner has developed a hardware application	\sim				i		\sim	
Ę.	Any others, please specify								
~									
3									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WOROS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

is From this course, I will able to describe typical components of a paragrammable Logic Controller. (i) I will able to enplain the basic conce -pts of a pologrammable logic Controller. (iii) I collable to explain and Apply the concept of electrical Ladden Logic, its history, And its subationship to perogrammed PLC instruc -fion . (iv) I will be able to use times, counters other intermediate programming functions. (M) I will be able to desgin And program basic PLC elevents for entry - Level PLC -Applications.

M. Bhanu 12 5 23 Student Signature with Date

NSRI¹, Soniyam, Visakhapawam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Constructing All 10 Jays (Select Allowage) by J. One in proceeding (ARES) (SQL) (Recognized renter 2(4) of the UEC ACTIVOLP According to NAAC with 'A' Greate (3-10/4-00) SCRAFSA His Assessment Assessment Region (a) Vacak separation (51,673, 1911) bligad (41,02, 0600464 hai), issues raint instant

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (8.Tech.)

Submitted by	arks Marks
Name 11 sal toushno.	Internal Assessment I II and Report (20 4.8 7 Marks)
Roll No. 21000 A02-50	Outcomes (20 5 Marks)
Program B-tech (EEE)	Final Presentation 5
Status of Completed / Not Completion Completed	Total Marks 33
POx Addressed PO1 PD2 PD5 PD5	PO6 PO6 서마 가이 PO9 PO10 PO11 PO12 PSO1 PSO12

Signature of Course Facilitator with Date

Signature of HoO with Date

Roll No. Course Code Title of the Course 2055502 Program logicatio contracos lab (Pic 66)

Cearning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

· 1	Description	Br	ciore L	earn	ing		Alter	Learn	ina
8 - P	bana remark eater transferre	1	2	3	4	:	2	3	1
	I have gained only lacoretical knowledge	-					مسمسا		1
T-	I have gained theoretical & precilical knowledge	-		1211			<u> </u>	~	
	a. I have developed my Coding skills	2					-		-
	b. I have developed a product	4		-				-	
2	C I have developed a system or nincess	-					~	-	
	d Lhave (Rypiopet) my problem splying skills	5							
1.	12 LUGIVE CHEVELOOBED & Computer based population	-					-		
de la	i have developed a hardware application	V		-	-			<u> </u>	
1	Any others, please specify							/	

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geologged portios are needed and in case of online "Recording is mandatory" outing assessment process. However, it is suggested to facilitate the process through online mode. Five minutes short video hearted presentation submission is also mandate and should be uplicaded in LMS before the final basessment.

μn,	Description	Before Learning After Learning
	The learner has gained only theoretical knowledge He / Soc has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. Fe/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	
3		

Note: The tange 12 Illrough 51% Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write len – fifteen solid fearning outcomes regarding the skills, knowledge or any sori of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs o product development, to case of product development, it should be submitted to the respective course atsouctor, please.

1. Now, I am able to "classifie typical components of a programmable logic controller. 2. I am able to resiglain and loosin the basic concepts. of a programmere logic controller. 3. I am able to state logic basic plc terminology and theigh meanings 4. Now I am able to use times, Counter, and other intermediate . Programming functioning 5. I gain knowledge about basic ple cisicuits. -for entry-level. plc applications

11. Saikarishna. 12/15/23 Student Signature with Date

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Management by ArC 12, New Dates 1 All-papers (ph/str. Cargonale 2 Arc Ball 9361 (do) 10001 \$ 1501 4900) Careful Systematic Recognized under 7(4) of the USC Act 1958 (Accredited by MAAC with 'A' Grane (3, 194 (9)) SQNTYAM, Perguran-Anarchepanam High-Way, Yoshi Parjahani - 531173, Pr. (\$205024167, 5099404540, youw rest, ada in

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ма	rks	
Name	MUTNURU GAYATRI	Internal Assessment and Report (20 Marks)	1 9.3	" 7
Rol! No.	2 INVIA0231	Oulcomes (20 Marks)	12	2
Program	B.Tech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	37-	
	POI NOT ROST PORT POS POI	6 POS PO7 PO2 Abs agu	6 MOII PONZ	P501 P5012

121210

Signature of Course Facilitator with Date

Signature of HoD with Date

- °_ 0

Roll No. : 21NOIA0231 Course Code : 2066502 Title of the Course : programmable logic controller (PLC)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore	Learni	ing -		Afler	Learni	ng
		11	2	: 3	į 4	1	2	3	4
_1	I have gamed only theoretical knowlodge	1			-			v	
	I have gained theorebcal & practical knowledge	j.	-		1			\checkmark	
	 a. Thave developed my Coding skills 	. I — -	~		_			V	
	 b. I have developed a product 		17	!				~	
2	 I have developed a system or process 	\checkmark	1	-				1	
	d. I have developed my problem solving skills	V	~	1				V	
	e. I have developed a computer based application		V				<u> </u>	~	
	 Enave developed a hardware application 		\sim					~	
	Any others, please specify								
3									
seenn									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Eve minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore I	earr	ing	A	ier L	earni	ng
		1	2	3	4	1	2	3	: 4
1	The learner has gained only theoretical knowledge	~		¶	i			~	i
	He / She has gained theoretical & practical knowledge	1		!				-	!
	 The learner has developed my Coding skills 			1				1	$\overline{\mathbf{v}}$
	b. The learner has developed a product	~		i			-		
2	 The learner has developed a system or process 	5	· ·	•				1	
	He/She has developed his/her problem solving skills	~							5
	e. He/She has developed a computer based application		~					N	1-
	 The learner has developed a hardware application 	1		-				17	
	Any others, please specify								

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Percently ACTE, No. Detri Astendry JPTUC, General IA: 60 V001-5 (2019) Content instances Recognized under 2(F) of the UGC Act 1955 5 Accredited by NAAC with 'A' Orean (J. 104.00) SOH1744, Penderbi - Anancipulatin Notway, Yashbapabaan -631373, Ph. (9855574107, 8999454546), www.nanl.edu.let

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	orks	
Name	NAGUBILLI SUTANIA	Internal Assessment and Report (20 Marks)	1 9.5	" 10
Roll No.	a1NULA0833	Outcomes (10 Marks)	I	9
P rogr am	BiT≷ch	Final Presentation (10 Marks)		9
Status of Completion	Completed / Not Completed	Total Marks	Ĺ	t8
PCs Mittened	PO1 PO3 PO3 PO4 PO5 PO6	POI POF POI PO9 PD	19 PO11	MD12 MSOF 95012
Signature of	f Course Facilitator with Date	Signature of	HoD with	Dale

Roll No. : al NUTA 08.33 Course Code : ac E E SO2. Title of the Course : Perogna mma bla I og i C

controuted (PLC)

Learning Outcomes (Please tick appropriately based on your course) (Salf-Assessment)

No.	Description	Be	efore L	eam	ing		After	Learni	ng
	· · · · · · · · · · · · · · · · · · ·	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	V						~	-
	I have gained theoretical & practical knowledge	~						V	
	 I have developed my Coding skills 		~					Y	
	 b. I have developed a product 						-	V	
2	 I have developed a system or process 	~						Ň	 !
	 I have developed my problem solving skills 	~						Ň	
	 I have developed a computer based application 		~			_		\checkmark	
_	 I have developed a hardware application 		\checkmark					V	
	Any others, please specify								h
3									
-		1.2							

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculity during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment,

No.	Description	Be	lora I	еал	iing	A	'ler L	eami	пд
		1	2	3	4	ⁱ 1	2	3	4
1	The learner has gained only theoretical knowledge								
	He / She has gained theoretical & practical knowledge						1		
	 The learner has developed my Coding skills 	-							-
	b. The learner has developed a product					·			!
2	c. The learner has developed a system or process								-
	d. He/She has developed his/her problem solving skills	1-							
	e. He/She has developed a computer based application								
	f. The learner has developed a hardware application						†		
	Any others, please specify						÷		
	why prosts, presse specify								
3									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solld learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

- 1) from this counse, I will able to desurte typical components of a Psiogrammable logic contracted.
- a) I will be able to exercising the basic contents of a PLC (Reloger ammable logic controlled
- 3) I leadent about the laddest diagoning in the PLC (Relogerammable logicionts 04191),
- 4) with PLC programming, we can implement any logic.
- 5) From the PLC; we can control a system's functions using the internal togic perogrammed into it.

N-Sujetha /a15/a0a3



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	N. Hima Kiran	Internal Assessment and Report (20	Ι	I
Marita		Marks)	8.5	ๆ
Roll No.	21NUIA0234	Outcomes (10	5	
	d	Marks)	5	
Program	e.Tech (EEE)	Final Presentation	2	
	2012 C	(10 Marks)	0	
Status of	Completed / Not	Total Marks	han	
Completion	Completed		70	
PDe Address ed	PG1 P02 P00 PG4 P05 P0	K POL POL POL POS PO		PSOI P6012
	1215123	FE	6	(
Signature of	f Course Facilitator with Date		HoD with Da	rtė

Roll No.	: DIMULAD	L34				
Course Code	: 20 66 00:					
Title of the Course	Propsam	logicalise	Controller	LAR	(PLC	Lfa)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

1

No.	Description	B	efore L	eami	ng		After	teaml	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge					—			
	I have gained theoretical & practical knowledge	TV					r i	$\overline{}$	
	 a. I have developed my Coding skills 					-		Ž	
	 b. I have developed a product 	$\overline{\checkmark}$		-	-			- ¥	/
2	 c. I have developed a system or process 	17						~	
	 I have developed my problem solving skills 	レ						$\overline{\mathbf{v}}$	·
	e. I have developed a computer based application	171					\checkmark	<u> </u>	
	 I have developed a hardware application 	1					<u> </u>	$\overline{}$	
	Any others, please specify							•	
3									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	lore I	еал	ing	A	fler L	earni	ng
	-	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	1							-
	He / She has gained theoretical & practical knowledge	F		_			<u> </u>	-	
	 The learner has developed my Coding skills 	~			-			İ	$\overline{\mathbf{v}}$
	 The learner has developed a product 	1							~
2	c. The learner has developed a system or process	~	-				i i		Ť
	d. Ha/She has developed bis/her problem solving skills	-	~						÷
	e. He/She has developed a computer based application	~	-		l i	-			
	 The learner bas developed a hardware application 	Ň	-				-	×	
	Any others, please specify	-						L	~
з									
1									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten - fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please atlach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

I Now I am able to describe typical components of a programatic regic contrates. 2. I am able to explain and learn the basic concept of a programble logic contraties. 3 I am able to state basic PLC -leminstary and thick meanings. 4. I gain knowledge about paris PIC circuits for control level PLC applications. JAK.B

12-10512-3

Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
Namé	N. DEVI HIRAN	Internal Assessment and Report (20 Marks)	1 9:3	11 7
Roli No.	21NU100285	Outcomes (10 Narks)	ts	-
Program	B. Tech	Flual Presentation (10 Marks)	7	-
Status of Completion	Completed / Not Completed	Total Marks	31 Mile Pail Pai	t pan Ma
Signatura	of Course Facilitator with Dat	e Signature	al HoD with D	ale

Roll No. Course Code Title of the Course

2066502 Programmable logic Control.

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

DINU (80235

:

1

1

Lean	ang Odicalites (i mana ang	19e	fore L4	eanvi	ng	After	
No.	Description Thave gained only theoretical knowledge Thave gained theoretical & practical knowledge a. Thave developed my Coding skills b. Thave developed a product c. Thave developed a system or process d. Thave developed a computer based application f. Thave developed a hardware application Any others, please specify	<u>त्रदाद द द द द द द -</u>					
3							

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to tacilitate the process through online mode. Five minutes short video recorded presentation submission is elso mandate and should be uploaded in LNS before the final assessment.

35563	Zenetik.	Selcre Learning	After Learning
No.	Description The learner has gained only theoretical knowledge He / Sho has gained theoretical & practical knowledge a. The learner has developed a product b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application		
3	Any others, please specify		

Note: The range '1' through '5' is Week to Strong Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

__ t

-> I have leasured the how to open vertual ia bis -JI able to explain about PLC the leasen the Study hoodowcore and able っエ ło software. leasen the former and counters -3 E 40 able -SI have learned the symulation. -SI have leasured the program learned the 10391 in program -JI house have leasured the traffe -S T (on toi Logen in motor leganed the -SI have how - 40 Develop -SI have learned the logically program using the programmable logge controller.

NuDer Ret 1210512

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU **INSTITUTE OF TECHNOLOGY** (AUTONOMOUS)

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Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks					
Name	Pimanikanta gariesh	Internal Assessment and Report (20 Marks)	1 11 97) 10				
Roll No.	210001A0236	Outcomes (20 Marks)	12				
Program	Bitech.	Final Presentation (10 Marks)	B				
Status of Completion	Completed / Not Completed	Total Marks	45				
PCs Addressed	PO: PO2 PO2 POA POA POS P	06 POI6 PO17 PO18 PO9 PO10	P011 P012 P501 P5012				

Signature of Course Facilitator with Date

le lo Signature of HoD with Date

Roll No. : 21NULA0236 Course Code : 20EESO1 Title of the Course : programmable logic controller.

Learning Outcomes (Please tick appropriately based on your course) (SetI-Assessment)

No	Description	Before Learning After Learning	
1	I have gained only theoretical knowledge		
	i have gained theoretical & practical knowledge a. Thave developed my Coding skills b. I have developed a product		
2	 c I have developed a system or process d. T have developed my problem solving skil/s e. T have developed a computer based application 		
	1. I have developed a hardware application Any others, please specify		
3			

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore (earn	ing	A	lter L	earn	іпо
2	The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify						2		
3									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please

A Programmable logic controller (McC) is an indultrich computer control system that continuously monitons that state of input devices and makes decisions based upon a custom program to centrol the state of output devices. PLC are rebust and tenible control solutions that can be adapted to several applications. For inducke the CHENT products including New energy & Automation, building Equipments, instruments & meters, powers transform devices & low Voltage devices ruse the programmable logic controller.

garet Student Signature with Date



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Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

NameInternal AssessmentINameImage: Parameshand Report (20 Marks)9.7Roll No.RINULADR37Outcomes (10 Marks)UProgramB. TechFinal Presentation (10 Marks)7Status ofCompleted / NotTotel MarksA	
Roll No. RINULAD237 Marks) L Program B. Tech Final Presentation 7 Status of Completed / Not Tetal Marks 1	- 9
Program B. Tech (10 Marks) Status of Completed / Not Total Marks	۰۰ ۲
Total Marker at 1	
Completion Completed Jotal Marks A Positionate Position Completed Position <td< td=""><td>3 2012 - 6501 - 98012</td></td<>	3 2012 - 6501 - 98012
Signature of Course Facilitator with Date Signature of HoD with	P

Roll No. : DINUIGO237-Course Code : 10 EESODO Tille of the Course : programmable logic control

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No	Description		fore L	earni	ng	After Learning				
	· · · · · · · · · · · · · · · · · · ·	1	2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	1					-	11		
	I have gained theoretical & practical knowledge		-					2		
	a. I have developed my Coding skills	6		-			~			
	b. I have developed a product		~			<u> </u>	1×	~		
2	 I have developed a system or process 	-	Part of the second seco			-	V			
	d. I have developed my problem solving skills	4	_	i			<u> -</u>		10	
	e. I have developed a computer based application		~			-	l		~	
	 I have developed a hardware application 	~								
	Any others, please specify									
~										
3										
- 2										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Na. j	Description		Before Learning			Alter Learning			
			2	Э	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~	1	_		-		1.	<u>, </u>
	He / She has gained theoretical & practical knowledge								1
	 The learner has developed my Coding skills 								-~
	b. The learner has developed a product	17	i			<u> </u>			\sim
2	 The learner has developed a system or process 	1			H	_		<u> </u>	~
	 d He/She has developed his/her problem solving skills 								
	e. He/She has developed a computer based application	1.7		_				-	12
	f. The learner has developed a hardware application	X							<u>مر م</u>
	Any others, please specify	132							\checkmark
3									
3									

Note: The range "1" through "5" is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the pic programming we have learned a lot they are 1 I have learned that how give a ON delay the & offdelay timese The traffic Signals togic 3. And by using ple programming we can do Automatik door opening & cloing " In Automatic can warking allo we use 5 In Antomatik car parking 5. By plc programming, I get to know the bottal filling +. In pic programming the logic are very easyer that other one & It consome low pounds 9. Capable of handling of very Logic operation complicated 10. I have leaved Analog signal handling & closed loop control programming P. Parameer [12105/2013) Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Revenued by ALCPL, was Definitional Accession Activity Advantant Activity and a 160 and a 160 access land Recognized updat 2(7) of the UGC Act 1859 # Accreated by MAAC with "Withrade (3.15% 60) SENETYAM, Pandar De : Anendatariam Highway, Villabhapainam - \$311173, Ph : \$885824167, 8049-883465, www.nertl.edu.th

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	PIKISGOW Hom	Internal Assessment and Report (20 Marks)	1 8-7	1 7
Roll No.	21100180239	Outcomes (30 Marks)	19	5
Program	BITECH DEE	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Not Completed	Total Harks	35) 16 - 21211 - 16183	P501 P5012
	Matrizz.	Te	a n	

Signature of Course Facilitator with Date

۰.,

Signature of HoD with Date

Roll No. Course Code : 2088502 Title of the Course : programmable logic controller (plc)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No:	Description		Balore Learning					After Learning				
- Search	Cescipiidii	1	2	3	4	1	2	3	4			
1	I have gained only theoretical knowledge	\sim						1				
	I have gained theoretical & practical knowledge	1		-	1	• ¬		\checkmark				
	 I have developed my Coding skills 		1					$\overline{\mathcal{V}}$				
	 b. I have developed a product 		$\mathbf{\nabla}$			İ			(
2	 I have developed a system or process 	\checkmark				I	1	V				
	 I have developed my problem solving skills 	4						$\overline{\mathbf{v}}$				
	e. I have developed a computer based application		V					V	1			
	 I have developed a hardware application 		V	-				1				
	Any others, please specify											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be fulled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	86	Lean	After Learning					
	e e e e e e e e e e e e e e e e e e e	1	: 2	- 3	4	1	2	jЭ	4
1	The learner has gained only theoretical knowledge	h	1	- h	Ī				k
	He / She has gained theoretical & practical knowledge		$\overline{\mathbb{Z}}$	1				1	1
	 The learner has developed my Coding skills 	1	1		1			ř	~
2	b. The learner has developed a product	~	5		† i			\bigtriangledown	<u> </u>
	 The learner has devaloped a system or process 	~			1-			i.	
	d. He/She has developed his/her problem solving skills	10	-		1			~	1
	a. He/She has developed a computer based application		<u>;</u>		t			Ī	1
	 The learner has developed a hardware application 		:		İ				V
	Any others, please specify								

11

Note: The range '1' through 5' is Weak to Strong

11

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

) from this course of will able + odescoffe typfical components of a prommable 2) I dearn + about the Ladder diagrams & How to construct due with out wireing Ladder diagrams in software program 3) By using pla we can control a_ system is function y) I got to know how to create a Ladder for any program. 5) I Learn I about the How to use the Ladder drags am in in specfic applicable for software pragram

P : K - S = 0 = 0 | 1 | 5 | 2 3Studem Signature with Date NSRIT

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	P-Sist	Internal Assessment and Report (20 Marks)	1 9-1	" -9,					
Roll No.	2INVIA0241	Outcomes (20 Marks)	- L)	6					
Program	B. Tech	Final Presentation (10 Marks)	1	F					
Status of Completion	Completed / Not Completed	Total Marks	4:	2					
PCIs Althested	POI POZ POS POL NOS POR		H POSI H	012 PB01 PB012					
	Course Facilitator with Date	Signature of HoD with Date							

Roll No. 👘	:	21NU110241		
Course Code	:	9-0€€\$02		
Title of the Course	;	programmable	logic	Controller

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore Learning			After Learn			ing	
		1	2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	ζ						1		
	I have gained theoretical & practical knowledge		1					~	<u> </u>	
2	 a. I have developed my Coding skills 	\sim					~			
	 b. I have developed a product 		1				i	\sim		
	 c. I have developed a system or process 		\sim				~			
	 I have developed my problem solving skills 				[~	
	 I have developed a computer based application 	1 "	~						1	
	 I have developed a hardware application 	~							~	
3	Any others, please specify									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Eø	fore l	earning After Learnin				ng -	
		1	2	3	4	1	2	3	4
<u>t</u>	The learner has gained only (heorelical knowledge	~					_	2	
	He / She has gained theoretical & practical knowledge		\sim						$\overline{\mathbf{v}}$
	 The learner has developed my Coding skills 	~						\sim	
	 The learner has developed a product 	~							$\overline{}$
2	 The learner has developed a system or process 	~		_					~
	 He/She has developed his/her problem solving skills 	$\overline{}$						$\overline{}$	
	e. He/She has developed a computer based application	$\overline{\nabla}$							
	 The learner has developed a hardware application 	\checkmark			<u> </u>				\sim
	Any others, please specify								
									- 1
3									
	R.								
			_						

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please altach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

· A programmable logic controller (Plc) is a small modular solid state computer with customized instructions to perforing a particular task. 2. Students will be able to explain the basic concepts of a programmable logic controlles students will be able to explain and apply the concept of electrical ladden logics pangram and leagent timers and counters s. plcs, which are used in industrial control system for a coide variety of industries have longely septaced mechanical stelays, drum seque cens and con timers. 4. plcs one used in various applications in industries such as the steel industry, automotilies industries, chemical industry and every sector,

P. Start 12/5/23 Student Signature with Date AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	Marks							
Name	P. Rodhika	Internal Assessment and Report (20	1 8-3	1						
		Marks)	8.7	T						
Roll No.	21NU 140242	Outcomes (<u>70</u> Marks)	16							
Program	PLC	Final Presentation (10 Marks)	7							
Status of Completion	Completed / Not Completed	Total Marks	39							
POs Arignessed	P01 P02 P03 P04 P05 P0	M PON PON PON PON PO	16 PO11 P013	PRO: PSO12						
	0-215/23	The	-6.0	2						
Signature of	Course Facilitator with Date	Signature of	f HoD with Date							

Roll No. : 21NUTA0242. Course Code : 206 Es.02. The of the Course : PLC (pologoiommable logic controlleg)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				After Learning			
		1	2	3	4	1	2	3	4	
1	I have gamed only theoretical knowledge		~						V	
	I have gained theoretical & practical knowledge		1			†			\checkmark	
	 a. I have developed my Coding skills 		- /				<u> </u>		5	
	b. I have developed a product		\checkmark					7	-	
2	 I have developed a system or process 		\checkmark						~	
	I have developed my problem solving skills		•	\checkmark		<u> </u>			11	
	 I have developed a computer based application 		\sim					~		
	 I have developed a hardware application 			1		-	1		V	
	Any others, please specify									
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learnin		ing	After Learning			
		1 2		3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	1	1					~	
2	He / She has gained theoretical & practical knowledge	1	~			<u> </u>		V	
	 The learner has developed my Coding skills 		1	æ			_	1	
	b. The learner has developed a product		1	- - -				-	~
	 The learner has developed a system or process 		~						
	d. He/She has developed his/her problem solving skills	1	~					Ť	$\overline{\mathbf{v}}$
	 He/She has developed a computer based application 	1	\checkmark					V	
	 The learner has developed a herdware application 			~				Ť	V
3	Any others, please specify								

Learners Descriptive Learning Outcomes (Learners are expected to write ten – tifteen solid learning outcomes regarding the skills; knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please:

A programmable logic controller (plc) is a small modular solid state computer with customized instauctions for peorforming a particular task. Pics, which are used in Industavial control systems (ICS) for a while variety of industries, have largely steplaced mechanical seelays, down sequencess and can timess. Leasining plc pologoianiming is a very impostant shall. If your jub involves pologonaning, then you will likely leaven what you need -through hand -on experience.

Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

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Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks	
Name	p. Teja sandeep	Internal Assessment and Report (20 Marks)	। ब्र्.ड व्	
Roll No.	21NUI HOQLY3	Outcomes (10 Marks)	17-	
Program	B. Germ	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Narks	44	
Pos Antreas Skänature ov	POH PO2 EPE COL POS PON	Æ	HI POH POI2 #501 PE	017

Signature of Course Facilitator with Date

Rall No.	24NUI A0243		
Course Code	: 20ff son		1
Title of the Course	Programmable	logic	controlien

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				After Learning				
		1	2	Ē	4	1	2	3	4		
<u>·1</u>	Dhave gained only theoretical knowledge		1	:				\checkmark			
	I have gained theoretical & practical knowledge	1	$\overline{\nabla}$				-	$\overline{\mathbf{v}}$	1		
	 a. I have developed my Coding skills 	~					1				
	 I have developed a product 		~			<u> </u>		$\overline{}$	İ		
2	c. Thave developed a system or process		~	Í				•			
	 I have developed my problem solving skills 	~				ŀ	j		~		
	e. Thave developed a computer based application		\sim								
	f. I have developed a hardware application	~							V		
	Any others, please specify	1									
3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
ĭ											

Learning Outcomes (Ptease tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and m case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Before Learning				After Learning			
		1	2	3	4	1	2	(3)	4
1	The learner has gained only theoretical knowledge			r r			1	\sim	1
	He / She has gained theoretical & practical knowledge		~				Í		
	 The learner has developed my Coding skills 	1	1.	1200	21				
	b. The learner has developed a product	N	1		I				
2	 The learner has developed a system or process 								Ũ
	d. He/She has developed his/her problem solving skills	17						$\overline{}$	2
	e. He/She has developed a computer based application		Y					<u> </u>	
	f. The learner has developed a hardware application	\sim			~				
3	Any others, please specify	Ę	u.	dis		ĩ	1.2 2' 2'		
						83	ų.		

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

ples act as the physical interfaces between devices on the plant or many facturing floor and a schop or three systems, ples can communicate, monitor, and control complex automated processes such as conveyors, ten perative control subor cells and many other industrial maching.

12/05/23

Dies not og tils påggæd sidereine betæd detien en tils plæte en nænæskælæstag stæd ende e stæren en stære ogskære pites ræda færstemetende entrekker, most bærked innegdæd endeserend proceder storte er færstædgæd, den perfektere omskæl, stælse bled gered instage og den færsteretend aværdet

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks						
Name	P. S. Ramesh	Internal Assessment and Report (20 Marks)	1 11 8,7 8					
Roll No.	2INUIA0244	Outcomes (10 Marks)	12					
Ptogram	B-Tech	Final Presentation (10 Marks)	8					
Status of Completion	Completed / Not Completed	Total Marks	37					
PCo Addressed Signature of	Por Poz Poz 204 Pos Pos Marca (MS) 23 Course Facilitator with Date	-Flcc		PEDIZ				

Roll No.	: 21NULA 0244		
Course Code Tille of the Course	2066501_	1.1	
Title of the Contae	puggiammable	log:c	Consteal.

Learning Dutcomes (Please lick appropriately based on your course) (Self-Assessment)

have gained only theoretical knowledge have gained theoretical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3	4	1	2	3	4
have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process		× × ×					ź	
a. Thave developed my Coding skills b. Thave developed a product c. Thave developed a system or process		~					Z	
 b. I have developed a product c. I have developed a system or process 		~					1	1
c. Thave developed a system or process		~						
 c. Thave developed a system or process d. Thave developed any problem solving skills 								
d 1 have developed on problem solving skills		4			1			
 These developed my problem solving skills 			~					~
 I have developed a computer based application 			V					
 I have developed a hardware application 		V						~
	 I have developed a hardware application ty others, please specify 	(. I have developed a hardware application	(. I have developed a hardware application v others, please specify	(. I have developed a hardware application ////////////////////////////////////	(. I have developed a hardware application v others, please specify	(. I have developed a hardware application v in the second sec	(. I have developed a hardware application ////////////////////////////////////	f. I have developed a hardware application v i i i i i i i i i i i i i i i i i i i

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Na.	Description -	Be	Before Learning				After Learning			
141.	Description	1	2	3	4	1	2	Э	4	
1	The learner has gained only theoretical knowledge	1.	ł				1	\sim	1	
	He / She has gained theoretical & practical knowledge		~		in term			-	~	
	a. The learner has developed my Coding skills	N			Ì			~	ł	
	 The learner has developed a product 		1]			1	~	
2	 The learner has developed a system or process 	~	[- 3	Nº 18	1	1	1	V	
	 d. He/She has developed his/her problem solving skills 	~				1	1111		~	
[e. He/She has developed a computer based application	~							\sim	
	f. The learner has developed a hardware application		1			1				
	Any others, please specify	- <u>-</u>	<u> </u>			· · · ·		-		
			h_{10}							
3	particular and share and share									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the ple programming we have liarned a lot they are: * a have learned that how give a On delay a off delay Amer. * The totaffer signals logic. * and by using ple pubgramming we an do Automatic dost opening & closing * In Automatic can washing, can your King we can use & By ple purgramming is get to know the bottle filling. # In ple puppiaming the logic are very Easier than other one. +St Consume Low POWCH. and closed loop control program A Sinta Ramal

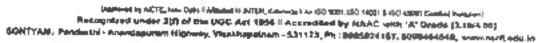
パターミープラ Student Signature with Date

> Xamerican (March) Francisco

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Assessment Report Skill Oriented Course

Academic Year 2022 ~ 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	P. Bhagya Lakshii	Internal Assessment and Report (20 Marks)	। १.२	" 9.					
Roll No.	21NU1 A0245	Outcomes (20 Marks)	16						
Program	B. Tech	Final Presentation (10 Marks)	7	2					
Status of Completion	Completed / Not Completed	Total Marks	42						
	Poi Poi Poi Poi Poi Poi DALA DE Course Facilitator with Date	Pos Pos Pos Pos Pos TCC Signature of	he						

NSRIT. Sontyam, Visekhapatnam 531 173, AP

21NUI AD245 20EESOR RULESON perogenermatele Logic controlleg Roll No. Course Code Tills of the Course. 5

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

		і Ве	efore Li	earni	ng	After Learning				
No.	Description	1	2	З	4	1	2	3_	4	
1	I have gained only theoretical knowledge		\checkmark							
	I have gained theoretical & practical knowledge						Į			
	 I have developed my Coding skills 		\checkmark				-	<u>; </u>	_ <u></u>	
I	b. I have developed a product		~				<u> </u>	4		
2	c. have developed a system or process		4				1			
	 d. I have developed my problem solving skills 		\checkmark		 	ļ	<u> </u>	\sim		
	e. I have developed a computer based application		~		<u> </u>	<u> </u>		<u></u>	¥~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	 I have developed a hardware application 	i	$\overline{\mathbf{v}}$	1						
	Any others, please specify									
3	!									
13										

Learning Outcomes (Please tick appropriately based on the teamers learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mendate and should be uploaded in LMS before the final assessment.

	1	Be	(ore]	Learr	ning	Af	let Li	earni	ng _
No.	Description	1	2	Εi	-4 .	1_	2	3	4
1	The learner has gained only theoretical knowledge		1					\sim	
	He / She has gained theoretical & practical knowledge	~						<u> </u>	$ \leq $
	a. The learner has developed my Coding skills	~	1		1		<u> </u>	~	
	b. The learner has developed a product	1					~		Ļ
2	 The learner has developed a system or process 	\sim	1		-	<u> </u>		$ \mathcal{N} $	-
	d. He/She has developed his/her problem solving skills	V		l <u> </u>	<u> </u>				\leq
	 He/She has developed a computer based application 	~	1					Ľ,	
	 The learner has developed a hardware application 	17				L_		\sim	
	Any others, please spacify								
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3									
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Learners Descriptive Learning Outcomes (Learners are expected to write ten - fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

n de pologerammable høgte contoutles of pologerammable contoutles is an industrial computer that has been for the contour nanufacturing powers, such as assembly ches, programming process fault diognosis. 2. students will be able to Explain the basic concept of a psugaammable logic contradient. students will be able to Explain and apply the concept of elastical Ladder Logics program and I knownthe perogerammable Éggic controller main important of hadden program 4. plc one used in vanious applications ?n Industries . P. Bhagya Laloshmi Student Signature with Date 12/5/23

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	P. Kushna Vondham	Internal Assessment and Report (20 Marks)	6-7-	н 7					
Roll No.	21 NU MO246	Outcomes (10 Marks)	15						
Program	B. tech.	Final Presentation (10 Marks)	6						
Status of Completion	Completed / Not Completed	Total Marks	37						
PC= Addresed	12/5/23	Par Por Por Por Po		PSTM PSO12					
Signature of	Course Facilitator with Date	Signature of HoD with Date							

: 21 N UI AODU 6 Roll No. Course Code : 2.08 E SOL Title of the Course : Programmable rogic controller

Learning Outcomes (Prease lick appropriately based on your course) (Sell-Assessment)

No	Description	В	elore L	sam	ing	• •	Alter	Learn	ing	1
-		1	2	3	4	1	2	3	T a	1
_	I have gained only theoretical knowledge	·		∇				1	V	1
	I have gained theoretical & practical knowledge	1	1					+	1 J	
	 a. I have developed my Coding skills 	i	Ň	+			+		1.7	-
	b. These developed a product	+		i			-	.7	N.	10.000
2	 Lhave developed a system or process 	<u>† </u>		┝ -	1		<u>-</u>	Y.	1.77	1 - 10
	 I have developed my problem solving skills 	+	+	<u> </u>		-	-	-	<u>v</u> .	1.44
	e. I have developed a computer based application	+			: I	-	[<u> </u>	1
	 I have developed a hardware application 	·	i	+				·	12	
	Any others, please specify				L		L	<u>v</u>		
	,									1 12-
										1.00
_										
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	tore	Lean	ning	Ā	ller Li	earni	ng S	- STREET
_		1	2	3	4	1	2	3	4	1.1
1	The learner has gained only theoretical knowledge		-	-		<u> </u>		-	<u> </u>	1 41 -
	He / She has gained theoretical & practical knowledge	;	\vdash							
	 The learner has developed my Coding skills 	\vdash			<u> </u>				┢╾─┤	1.1
	b. The learner has developed a product	<u> </u>	1			-				
2 j	 The learner has developed a system or process 		i	—						-
	d. He/She has developed his/her problem solving skills		100	245	- 20	1	off agg	с ²	10.0	HONT REPORT
	 He/She has developed a computer based application 		-	1. A.		140	HAR W	14.9	1.4	A THE REAL PROPERTY AND A
	 The barner has developed a hardware application 			1.000	1.11	-	1.144	5.5	1.51	and way
	Any others, please specify				10.10	1.5.	10.0			
•	30. (parenz) - P			100	1,00	mail	214	1.0%	1	1000
1-1	apel see			110		10.5	1.11	1	1 94	1
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Note: The range '1' through '5' is Weak to Sirong.

Learners Descriptive training Outcomes (Learners are expected to take term fifteen sold learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attack additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

DS have received that How to 'one' debuy and off delay Finner 2) sue shaffic signels hogic ahand by while Die programming the door opening & classing 4) In Automobile can wooshing & Parking. 5) By pic programming the hogic are very Buch tion one 5 \$13 pour consumes to low. 7) I have learned analog signal handling and ; closed loop cochos programming. 콽 n: Student Signature with Date

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NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY

Represed by ACTE, say gets I Alifabetro Miller, Karvets TAY 50 0004, sto M001 & 50 4000 (Septed Institute) Recognized (Index 20) of the UGC Act 1856 / Acceddined by MAAC with 14 Consta (3,1044.00) Schriff All, Pandunthi - Aliferdiguran Highway, Vasabappinan - \$35173, Ph. (6885624167, 5090464548, 19994.00) in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
		Internal Assessment	I.	Ц					
Name	P. Deepthi	and Report (20	89	5					
	- Perspect	Marks)	0.1	4					
0		Outcomes (20	f						
Roll No.	BINULADDUT	Marks)	-16						
D	Q T	Final Presentation	0						
Program	Bittech	(10 Marks)	+						
Status of	Completed / Not	To tak Mandan							
Completion	Completed	Total Marks	39						
PO+ Addressed	POI PO7 PD9 P04 P05	POG POG POT POB PO9 PO	ND PD11 P012	PBDI PSO12					
	2 - 2	e.							

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. : RINU IADRY7-Course Code : 20EE 908 Title of the Course : Programmable Logic Conterval &

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No	Description	Be	elore L	earni	ng		After	Learni	ng [
		1	2	3	4	1	2	3	4
	I have gained only theoretical knowledge	$ \mathbf{v} $	-					~	
1	I have gained theoretical & practical knowledge	<u> </u>	1			-		~	
1	a. I have developed my Coding skills						. /	. .	<u> </u>
	b. Thave developed a product		~				ř –	-	<u> </u>
2	c I have developed a system or process	H	1						
1	 d. I have developed my problem solving skills 		<u> </u>	· · ·	-		\sim		
	e. I have developed a computer based application								~
L.	 I have developed a hardware application 		<u> </u>	-	i.				\leq
	Any others, please specify	<u> </u>							4
1									í
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Bę	fore L	earr	ìrng	A	íter L	eami	110
2	The learner has gained only theoretical knowledge Kie / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed a system or process e. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	3	4				
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fitteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

A programmable logic conteroller or proop annable controller is an undustrial computed that has been for the contenal manufacturing phocess, such as assemble lines, phoghamming fault diagname. students will be able to exoplain the bolic concepts of a programmable logic contro -1102. Students will be able to explain and apply the concept of electrical ladden logics program and Ileant times and counters. Ples, which are used in industancel conta ndustifies have largely replaced mechan ical relays, drun sequencers and com timete. Plus and used in voltous different

opplications in industries such as the steel industry, automobiles industries, chanical industry and chargy sector.

P.Hadraista3

Student Signature with Date



INSTITUTE OF TECHNOLOGY

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marka						
Name	R. Keettik	Internal Assessment and Report (28 Marks)	1 11					
Roll Ka.	21 NUL ACRY 8	Outcomes (10 Marks)	lO					
Program	D. Tech	Final Presentation (10 Marks)	6					
Status of Completion	Completed J Not Completed	Total Marks s eas no noi ros ince	29 1 POH POLI PEDI PSO17					

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. Course Code Title of the Course

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Learning Outcomes (Please tic), appropriately based on your course) (Self-Assessment)

NC.	Description	E E	store L	earni	ing		Aller	Learn	ing
		1	2	3	4	[!] 1	2	3	4
1	I have gained only insoratical knowledge		V			İ			~
	I have gained theoretical & practical knowledge		1		- 1	1	Li-	1.º	
	 a. There developed my Coding skills 		J			:			V
	b. I have developed a product		\sim		<u> </u>	İ		1	V
2	 I have developed a system or process. 		$\overline{\mathcal{A}}$				_	1	V
	 I have developed my problem solving skiils 		12			i		1	1
	e. I have developed a computer based application		$\overline{\mathbf{v}}$		1-				V
	 I have developed a hardware application 		~				<u> </u>	-	iV
	Any others, please specify			-	-				
			10	65			1	1 32	
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Learning Outcomes (Please lick appropriately tases on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are weeded and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the Shall assessment.

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٩e.	Description	Bie	fore L	.8871	ılng	A	fleir Le	printes
10	Description	1	2	З	4.	- 1	2	370
1	The learner has gained only inepretical knowledge	· ·						
	He / She has gained theoretical & practical knowledge		V.		1		1922	L I
	a. The learner has developed my Coding skills	•	∇				1.1	
	 The learner has developed a product 		V.					
2	 The learner has developed a system or process 	· ·	$\overline{\mathbf{v}}$		1		1~ - • i	N
	 be/She has developed his/her problem solving skills 		$\overline{\mathbf{v}}$			1	•	
	 Ke/She has developed a computer based application 	יי	V					
	 The learner has developed a hardware application 	· · ·	V	-				N
3	Any others, please specify	1.1.1	2 1 (24) - 41 4			11 <u>1</u>	間です	
				85		8	1.	-

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Note: The range '1' through '5' is Weak to Strong

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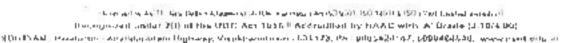
Learners Descriptive Learning Outcomes (Learners are expected to write ten ~ titteer, solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their DWN WORDS). Please atlach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course . instructor, please.

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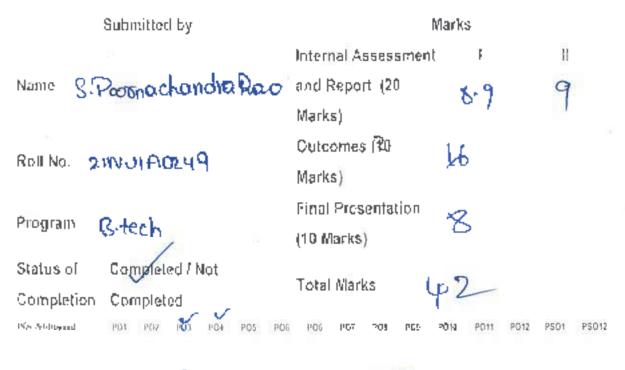
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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)



Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No. Course Code Title of the Course

2014 SOL Programmable Logic Controller

Learning Outdomes (Please lick appropriately based on your course) (Self-Assessment)

Description Descripting Descripting Descripting Descripting Descripti	3
C Lintive fleveloppuls aystem or process d Thove developed my problem solving skills e. Theve developed a computer based application 1. "Trave developed a hardware application Any others, please specify	1-

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged bhotos are needled and in case of online "Recording is mandatory" during assessment process. However it is suggested to 'apilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description	Bet	icre l	.ear	ning	A	fler L	eam	ing
2	The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills c. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	2222	2	3	4	1	2		× 2 × × > ×
3									

Note: The range "If through '5' is Weak to Strong Learners Descriptive Learning Outcomes (Learners are expected to write ten – If lean solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their DWN WORDS). Please attach additional spects in case of any sample programs of product development. In case of product development, it should be submitted to the respective course instructor, please.

-> In Automatic car washing also we use. -> In Automatic car partiting -> The traffic signals waic -> The traffic signals waic -> The traffic signals waic -> The traffic signals waic -> There learned Photog Signal handing & deleted woop control programming -> plais one used in various applications in Industries such as the steal industroay alltomobiles industries and Energy Sector

Student Signature With Da

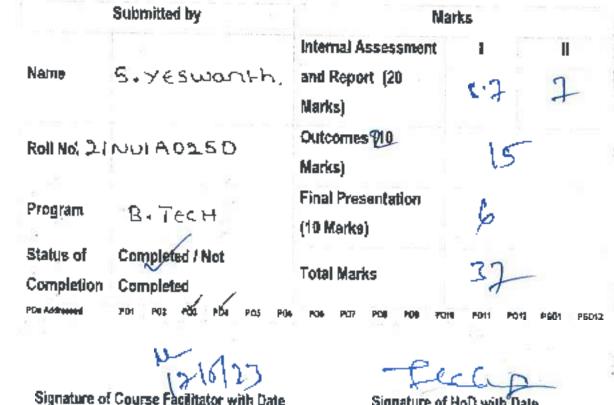
NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Approver to ALC 16, New Date / Address to July 4 April 44 (2014) AN 160 (1001 160 (1604) \$ /50 (1504) Certified mathematic Recognized under 3(f) of the UGC Act 1984 I Accordited by MAAC with 'A' Orade [3:10/4:00] SON IVAN, Penterik - Anentiepeter Pighney, Vasibapener - 001173, Ph.: 0466404191, 5099-646466, were early obtain

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)



Signature of HoD with Date

Roll No.	:21NU1A0250		
Course Code Title of the Course	: 2066 SO2 : programmable	Logic	controller,

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	В	efore l	Learn	ling –		Alter	Learn	ing
1124		1	2	3	4	1	2	3	4
12	I have gained only theoretical knowledge								~
	I have gained theoretical & practical knowledge	- 22		1			<u> </u>		1
2	a. I have developed my Coding skills	- 20		181					
	 b. I have developed a product 				-			\checkmark	
	c. I have developed a system or process								1
	d. I have developed my problem solving skills								1.7
	e. I have developed a computer based application				· —		-		V.
	f. I have developed a hardware application	- 05	11			<u>i</u>		\checkmark	~
	Any others, please specify	1.1				<u> </u>			
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	03N			- ³⁰ 903					
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		12.5	100 KG		007 - 3				

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Oescription	Be	fare L	Barr	iing	After Learning				
		1	2	3	4	1	. 2	3	4	
1	The learner has gained only theoretical knowledge	~						N	1	
	He / She has gained theoretical & practical knowledge								V	
2	a. The learner has developed my Coding skills	V		110	100			$\overline{\mathbf{x}}$		
	 The learner has developed a product 	~			1	·		1	\sim	
	 The learner has developed a system or process 							V		
	 He/She has developed his/her problem solving skills 	$\overline{\mathbf{N}}$							$\overline{\mathbf{v}}$	
	e. He/She has developed a computer based application	1							ł	
	 The learner has developed a hardware application 	V							\square	
3	Any others, please specify	éþ		-4]						
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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

PLC Technicians are critical Thinking skills, manual destruity, mechanica aptitude, attention to debain, Strong problem - solving skills, communication skills, and mathimatical and scientific aprilude. Pby The PLC programming we have learned a lot They are. J. have learned that how give a On delay times & off duay times In Automodic car pourking. 1- consume low power And by using pla programming we Automoutid door opening con de and closing.

ら、yesuson き しましのション3 Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	N	arks	
Name S.	MANICANTA SWAMY.	Internal Assessment and Report (20 Marks)	। %- १	1
Roll Na. 5	INUMO251	Outcomes (10 Marks)	K	
Program	B. Tech	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Nat Completed	Total Marks	37	
PDe Addressed	POI 102 100 104 103	En		P801 \$5012

Signature of Course Facilitator with Date

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Signature of HoD with Date

Rall No.	221NULA0251	
Course Code	2006 So2	
Tille of the Course	· programmable togic controller.	

Learning Outcomes (Please tick appropriately based or your course) (Self-Assessment)

	B. Aster	Be	efore L	eami	ng		After	Leami	ng
No.	Description	1	2	3	4	: 1	2	3	4
1	I have gained only theoretical knowledge		· /]			\vee	
· · · · ·	I have gained theoretical & practical knowledge		\vee					\checkmark	1
	 a. I have developed my Coding skills 	\checkmark					\sim	<u> </u>	
	 b. I have developed a product 		$\mathbf{\nabla}$			<u> </u>			
2	 c. I have developed a system or process 	<u>} </u>	\sim				\checkmark		L_,
	 I have developed my problem solving skills 	\mathbb{N}					. <u>.</u>		Υ,
i	 a. I have developed a computer based application 		\bigvee	1			<u> </u>		 ✓
	f. I have developed a hardware application	\checkmark		<u> </u>	<u> </u>			<u> </u>	\bigvee
	Any others, please specify								
1	Puly operate, piblabic specify								
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

۱o.	Description		After Learning						
	meneri press	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	V		1	· · ·				·
	He / She has gained theoretical & practical knowledge		\checkmark						~
2	a. The learner has developed my Coding skills	\sim		34	- 1			~	
	b. The learner has developed a product	$ \vee$	1				L		\mathbf{V}
	 The learner has developed a system or process 	\sim						\sim	<u> </u>
	d. He/She has developed his/her problem solving skills		\checkmark			i			\sim
	e. He/She has developed a computer based application	\vee	1		L				ſ.
	 The teamer has developed a hardware application 	12	<u>/</u>]		\sim
3	Any others, please specify								

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS), Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

students while be able to explain the basic concept of a programmable Logic controller. students will be able to explain and concept of electrical radder logics pologoram. A pologrammable Logic controller & programmable controller & an industrial computers that has been -fit the control manufacturing process, such as assembly lines, programming process fault diagnesis I have bearnt mble basi concepts in plc main import tant of plc Ladder program

Student Signature with Date 12/05/23.

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



propriet to ACTL New Deal & Address in archite, Salutate & to 60 attin, 600 Math. 8 00 Atto: Consider represent Recognized under 2(1) of the USC Act 1930 5 Apprecised by IrAAC with 'A' Grade (5.1044.00) BONTYAM. Ponduktre- Anendightine Highway, Vienktepstreen - 531173, Ph : 9565424197, 5090464546, www.newLodu in

Assessment Report **Skill Oriented Course**

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	S. Kethan Subhark	Internal Assessment and Report (20 Marks)	1 819	" ዓ
Roll No.	21NULA 253	Outcomes (10 Marks)	16	
Program	8-Tech	Final Presentation (10 Marks)	5	
Status of Completion	Completed / Not Completed	Total Marks	34-	
PDs Addressed	PQ1 PO2 PO3 TOA PO5 PO6	POI PO7 POI PO5 PO	ND POII PO	112 P301 PS012
	126/23	FE	EP	_
Signature of	Course Facilitator with Date	Signature of	HoD with I	Date

Roll No. 2 21NUL40253 Course Code 2026302 Title of the Course : Puggammable Logic Controllug. Learning Outcomes (Please Lick appropriately based on your course) (Self-Assessment)

Description		efare L	- 41 11	ny –	After Learning				
	1	2	3	4	1	2	3	4	
		1					~		
have gained theoretical & practical knowledge		1	_				~		
 I have developed my Coding skills 		~	-				~		
 b. I have developed a product 		~				1			
c. I have developed a system or process			/			-	1		
 I have developed my problem solving skills 		~			i	-	1		
e. I have developed a computer based application			1						
 I have developed a hardware application 		~		-					
Any others, please specify					;				
								1	
	 c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application 	I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application	I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application	I have gained only theoretical knowledge / I have gained theoretical & practical knowledge / a. I have developed my Coding skills / b. I have developed a product / c. I have developed a system or process / d. I have developed a system or process / e. I have developed a computer based application / f. I have developed a hardware application /	I have gained only theoretical knowledge ////////////////////////////////////	I have gained only theoretical knowledge ////////////////////////////////////	I have gained only theoretical knowledge I have gained theoretical knowledge a. I have developed a product b. I have developed a product c. I have developed a system or process d. I have developed a computer based application f. I have developed a hardware application	I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application	

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offling or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment,

No.	Description		íore l	.eam	ing	After Learning					
		1	2	3	4	1	2	3	4		
1	The learner has gained only theoretical knowledge		V				1				
	He / She has gained theoretical & practical knowledge	1-		~			Ľ.	1			
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2	b. The learner has developed a product	!	-	~				~	-		
	c. The learner has developed a system or process										
	 He/She has developed his/her problem solving skills 	Î		1	!			1	·		
	e. He/She has developed a computer based application						-		/		
	 The learner has developed a hardware application 										
	Any others, please specify			-					-		
3											
1											

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development geined through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

A programmeable Logic Controller (PLC) is an inductorial computer Control system that Constinuously monitors that state of input dedices and maker decisions based upon a Curtom program to Control the state of output derices. PLC are repeat & flexible control Asletions. that can be adapted to several applications. For instance the CUDUT produces including new Energy & Automation, building Equipment, instruments. & Netzers Powers transporm devices & Low Voltage dettices, cut the programmable Lagic Controller.

Student Signatura with Date 123

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Performed by ACTY, New Cash I Life and a United Taxing 104 (50), 50 14551 & 50 45001 Cashad Induktory Recognized Writer 2(4) of the LAGE Act 1935 I Accredited by MAAC with "A" Goode (2110/A 50) SOMTYAN, Penderthi - Anandeparters Highway, Visashopobven - 551173, Ph.: \$895824197, 8099464544, www.neriLodu.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
	TAMATAPU	Internal Assessment	I	I
Name	OPENDRA	and Report (20 Marks)	9.6	7
Roll No.	21 NUL R0254	Outcomes (10 Marks)	17-	
Program	Q Trey	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not	Total Marks	44	
Por Adapted	of Course Facilitator with Date	of Pos Por Pos Pos Pos The Signature of	6_P	

Roll No.	: 21NUIA0254		
Course Code	: 2058502		
Title of the Course	: buoduouurapte	logic	Controlly

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		efore L	eami	ng		Alter	Leami	ing
		1	2	13	4	1	2	3	4
1	I have gained only theoretical knowledge	∇				i –	·	\checkmark	[
	I have gained theoretical & practical knowledge			i I			_	$\overline{\mathbf{v}}$	
	 i have developed my Coding skills 			!		i –		~	· 1 ·=
	 b. i have developed a product 		~			-	<u> </u>	\sim	
2	 c. Thave developed a system or process 		$\overline{\checkmark}$			-	_	V	
	 I have developed my problem solving skills 	$\mathbf{\nabla}$						V	
	 I have developed a computer based application. 		\sim					V	
	 I have developed a hardware application 		\sim					V	
	Any others, please specify								
а									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged pholos are needed and in case of online "Recording is mandatory" during assessment process However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Before Learning				After Learning			
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	\sim	ł			i	_	~	
2	He / She has gained theoretical & practical knowledge		~					-	V
	 The learner has developed my Coding skills 		~						-
	b. The learner has developed a product	~	ŕ	ſ	1	2			2
	 The learner has developed a system or process 	∇				i — —			~
	 He/She has developed his/her problem solving skills 				l	-		1	1
	e. He/She has developed a computer based application	~	1				-		
	 The learner has developed a hardware application 	10	r					<u> </u>	
	Any others, please specify				-		<u> </u>	d	Y
3									

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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Analyze and Get the idea of control Application > Plat All the conditions and get the denign using Plow chant -> Open and configure the proprogramming Soffware -> Add the nequined mongs and address then -> Ladden Rogic -> Structured text -> function Block diagram * An industrial computer control System that Continuously munitores the state of input devices and makes decisions based upon a custom program to control the state of potput devices.

12105122 Student Signature with Date

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks
Name	TEEGALA SRAVANTHI	Internal Assessment and Report (20 Marks)	1 11 97 9
Roll No.	21NULA0255	Outcomes (10 Marks)	18
Program	B. Tech	Final Presentation (10 Marks)	8
Status of Completion	Completed / Not Completed	Total Marks	45
Signature of	POI POZ POS POS POG MARCEl POS POG Course Facilitator with Date	FOE POI POI POI POI	

Roll No. Course Code Title of the Course

21 NUIA0855

2.026502

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programmable dogic controller

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

1 2 3 4 1 2 1 1 have gained only theoretical knowledge ✓ ✓ ✓ ✓ 1 1 have gained theoretical & practical knowledge ✓ ✓ ✓ ✓ 2 1 have developed my Coding skills ✓ ✓ ✓ ✓ ✓ 2 1 have developed a product ✓ ✓ ✓ ✓ ✓ 2 1 have developed a system or process ✓ ✓ ✓ ✓ ✓	Vedge	Description	Be	efore L	eəm	ng		Aller	Learni	ng
I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills	knowledge skills process solving skills based application		1	2	3	4	1	2	3	4
a. I have developed my Coding skills b. I have developed a product 2 c. I have developed a system or process d. I have developed my problem solving skills	skills	I have gained only theoretical knowledge	1		1 -	[~	
b. I have developed a product ✓ 2 c. I have developed a system or process ✓ d. I have developed my problem solving skills ✓	process v v v v v v v v v v v v v v v v v v	I have gained theoretical & practical knowledge	1		(— i	t			1	
c I have developed a system or process d. I have developed my problem solving skills	process v v v v v v v v v v v v v v v v v v	 I have developed my Coding skills 			1×				~	
d. I have developed my problem solving skills	process view view view view view view view view	 I have developed a product 		~						
d. I have developed my problem solving skills	solving skills	 i have developed a system or process 	1	~	<u> </u>			!		
e. I have developed a computer based application	based applycation	 I have developed my problem solving skills 	~					—	;;	
	application	e. I have developed a computer based application	-	~					5	
f. I have developed a hardware application		 I have developed a hardware application 	-	\checkmark				· ·		
Any others, please specify		Any others, please specify			·					
3										
	nuy outers, prease specify		 I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application 	1 1 1 have gained only theoretical knowledge 1 have gained theoretical & practical knowledge 2 1 a. 1 have developed my Coding skills b. 1 have developed a product c. 1 have developed a system or process d. 1 have developed my problem solving skills e. 1 have developed a computer based application f. 1 have developed a hardware application	1 2 1 1 1	1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 3 4 1 have gained only theoretical knowledge 1 2 3 4 1 have gained only theoretical knowledge 1 1 2 3 4 1 have gained theoretical & practical knowledge 1 <td>1 2 3 4 1 1 have gained only theoretical knowledge 1 2 3 4 1 1 have gained only theoretical knowledge 1 2 3 4 1 1 have gained theoretical & practical knowledge 1<td>1 2 3 4 1 2 1 have gained only theoretical knowledge 1 have gained theoretical & practical knowledge 2 1 have gained theoretical & practical knowledge 3 4 1 2 3 4 1 2 <</td><td>1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 2 3 4 1 2 3 1 have gained only theoretical & practical knowledge 1 1 2 3 4 1 2 3 1 have gained theoretical & practical knowledge 1 1 1 2 3 a. have developed my Coding skills 1 1 1 1 2 3 b. have developed a product 1</td></td>	1 2 3 4 1 1 have gained only theoretical knowledge 1 2 3 4 1 1 have gained only theoretical knowledge 1 2 3 4 1 1 have gained theoretical & practical knowledge 1 <td>1 2 3 4 1 2 1 have gained only theoretical knowledge 1 have gained theoretical & practical knowledge 2 1 have gained theoretical & practical knowledge 3 4 1 2 3 4 1 2 <</td> <td>1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 2 3 4 1 2 3 1 have gained only theoretical & practical knowledge 1 1 2 3 4 1 2 3 1 have gained theoretical & practical knowledge 1 1 1 2 3 a. have developed my Coding skills 1 1 1 1 2 3 b. have developed a product 1</td>	1 2 3 4 1 2 1 have gained only theoretical knowledge 1 have gained theoretical & practical knowledge 2 1 have gained theoretical & practical knowledge 3 4 1 2 3 4 1 2 <	1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 2 3 4 1 2 3 1 have gained only theoretical & practical knowledge 1 1 2 3 4 1 2 3 1 have gained theoretical & practical knowledge 1 1 1 2 3 a. have developed my Coding skills 1 1 1 1 2 3 b. have developed a product 1

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	_Be	fore .	earr	ing	A	ter L	eami	ng
4	The base of the second s		2	3	4	<u>[</u> 1	2	З	4
1	The learner has gained only theoretical knowledge	~	†		!				
	He / She has gained theorelical & practical knowledge	N	1	[[20
	 The learner has developed my Coding skills 	~	F					-	-
	b The learner has developed a product		~	<u> </u>	<u> </u>		<u> </u>		2
2	 The learner has developed a system or process 	+						<u> </u>	2
	 He/She has developed his/her problem solving skills 	-							
8	e. He/She has developed a computer based apprication	iv						+	
	 The learner has developed a hardware application 		<u> </u>					1	1
	Any others, please specify								Ľ .
1									
3									
э									
- 1									
- 6									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

Photom the PLC we will leave about sequence of operations and aladdem dogic Pelogenamming. 284 seeing the Laddess Logic we can easily the dogic and this dogic can be applicable to other applications. B)plc has a easy installation and operation 4) Fortom the plc we will able to leave the logics for logic gates. 5) Forom the pic we can contatel a system functions and we can learn about the continollesis.

Tr Setavanthi 12/5/2023 Student Signature with Date NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

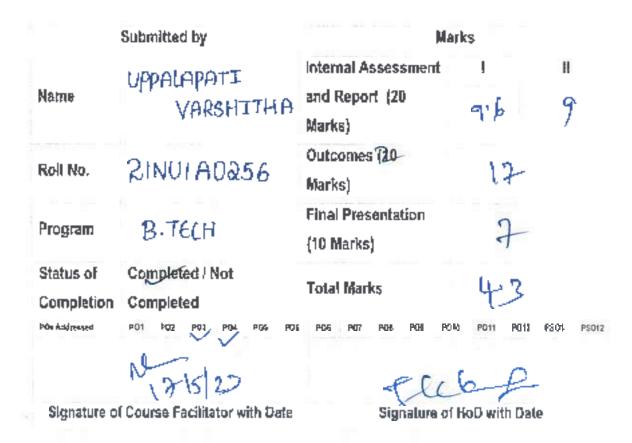


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Assessment Report **Skill Oriented Course**

Academic Year 2022 ~ 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)



Roll No. Course Code Title of the Course

: 21NUIA0256 : 20EES02 : programmable logic controller

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Description	Be	alore L	eami	ng		After	Léami	ng
Crescuption	1	2	3	4	1	2	3	4
I have gained only theoretical knowledge	1		I				\checkmark	
I have gained theoretical & practical knowledge	\checkmark					1		
 I have developed my Coding skills 				:		1	\checkmark	
 I have developed a product 		1		· · · ·		1	V	
c. I have developed a system or process		\checkmark		[]	\checkmark	
d. I have developed my problem solving skills	1						5	
e. I have developed a computer based application		\sim		i		1		
f I have developed a hardware application		\checkmark			·			
Any others, please specify								
	 I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application 	Idescription 1 I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed a product b. I have developed a product c. I have developed a system or process d. I have developed a computer based application f. I have developed a hardware application	Lescription 1 2 I have gained only theoretical knowledge ✓ I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a computer based application ✓ f. I have developed a computer based application ✓	1 2 3 1 1 2 3 1 1 1 2 3 1 1 1 2 3 1 1 1 2 3 1 1 1 1 2 3 1 <	1 Z 3 4 1 have gained only theoretical knowledge ✓ 1 have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ ✓ c. I have developed a system or process ✓ ✓ d. I have developed my problem solving skills ✓ ✓ e. I have developed a computer based application ✓ ✓ f. I have developed a hardware application ✓ ✓	1 2 3 4 1 1 have gained only theoretical knowledge √ 1 <td>1 2 3 4 1 2 1 have gained only theoretical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 1 have developed my Coding skills ✓ ✓ ✓ 1 have developed a product ✓ ✓ ✓ 1 have developed a system or process ✓ ✓ ✓ 1 have developed a computer based application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓</td> <td>1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 1 1 2 3 1 have developed my Coding skills 1</td>	1 2 3 4 1 2 1 have gained only theoretical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 1 have gained theoretical & practical knowledge ✓ ✓ ✓ 1 have developed my Coding skills ✓ ✓ ✓ 1 have developed a product ✓ ✓ ✓ 1 have developed a system or process ✓ ✓ ✓ 1 have developed a computer based application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓ 1 have developed a hardware application ✓ ✓ ✓	1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 2 3 4 1 2 3 1 have gained only theoretical knowledge 1 1 1 1 2 3 1 have developed my Coding skills 1

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore	Leári	ning	A	Her L	eami	ng
140.	Description	1	2	3	4	1	2	3	4
i	The learner has gained only theoretical knowledge	~	-	1				N	r
	He / She has gained theoreticat & practical knowledge	~		i					~
	 The learner has developed my Coding skills 		~	f				~	ł
	b. The learner has developed a product	~	[1		1		!	\checkmark
2	 The learner has developed a system or process 	~						i	
	 He/She has developed his/her problem solving skills 	∇			·			İ	ž
	 He/She has developed a computer based application 		\checkmark	1	[i I	$\overline{\mathbf{v}}$
	f. The learner has developed a hardware application	8	$. \sim$		1	1			\checkmark
	Any others, please specify							1	
Э									
7									
					-	-			

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning ovicomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS): Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

induction computition of this pic course all can able to Understand PLC programs and algorithms. 2) from the plc course we can easily implement the dadder dogics. 3) PLC is a real time application and the it is ... flexible. 4) from the plc we will be able to esplain basic components of counters, timers, controllers $et \cdots$ 5) So, we can easily duligh dogics and hadder Reparans 6) This is one of the best wireline communication technology

> O · √ant hi Ha, . Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
		Internal Assessment	I	11
Name N	1. Diwakan	and Report (20	9.4-	8
		Marks)		
Roll No.	21 NUI A0257	Outcomes 220	16	
aven nie.	21100140257	Marks)	674 1	
Program	Bilech (EEE)	Final Presentation	6	
riogram	100	(10 Marks)	1	
Status of	Completed / Not	Total Marks	100	
Completion	Completed	Total Warxs	40	
POs Addrogend	POI POJ <u>POJ 101</u> POS POI	54 654 555 FCH 309 3	010 PO11 PO12 F	PSO1 PSO12

Signature of Course Facilitator with Date

TLEDD Signature of HoD with Date

<u>10</u> 194 Roll No. Course Code Title of the Course 21 NUIA0257 20 EESO2 PLC (Parata

PLC (Program logicable Controlles)

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No	Descuptor	Be	Fore L	earn	ng	A	diar	Leam	Ing
1	Litave gained only theoretical knowledge	1	2	3	4	1	2	3	1
	Thave gamed theoretical & practical knowledge a. Thave developed my Coding skills	~	<u></u>	-				~	-
2	 b. I have developed a product c. I have developed a system or process 		~	_			~	~	
	d have developed in problem solv no skills	~	~	_			-	~	
-	 Howe developed a computer based application I have developed a hardware application 	3	~		-			5	
	Any others, please specify								
3									
1									
1									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be lifled by faculty during one to one assessment either through online or offine or both the mode). Geolagged photos are woeded and in case of online "Recording is mandatory" during assessment process, however it is suggested to facilitate the process through online mode. Five minutes short video invoorded presentation submission is also mandate and should be upleaded in LMS before the final assessment.

No.	Description	Be	fore (.ear	ing	Af	ler L	earni	na
1	The learner bar sympolicants there is the	1	2	3	4	1	2	13	12
	The learner has gamed only theoretical knowledge	N	-					i	1
	He / She has gained directetical & practical knowledge a. The learner has developed my Coding skills	X					_		V
	b. The learner has developed by Coding skills	~				!		:	-
3	b. The learning his developed a product	V						i	V
	c. The learner has developed a system or process		1	1				<u> </u>	1
	 nersne nas developed his/her problem solving skille 	V	-		İ				2
	e. He/She has developed a computer based application		V		-				V
	 The learner has developed a hardware application Any others, please specify 		V		_		-		T

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> Learners Descriptive Learning Outcomes (Learners are expected to write len – fifteen solid learninoutcomes regarding the skills, knowledge or any sort of product development gained through thi course in their OWN WORDS). Please attach additional sheets in case of any sample programs o product development. In case of product development, it should be submitted to the respective coursi instructor, please.

1. I am able to explain and learn the basic concepts of a Programble logic Controller knowledge about basic PLC Circuity I gain 5 level PLC applications. ontry 404 3. I am able to state basic PLC termindo gy and their meaning.

V Diversionalure with Date

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токалені, Аліїн періоні малалії (Ліїк наласти 16040); 150-160 г. 150-1711 (ф. 1775). Расправляв ріпон 3(1) от 160-1766 Аса 1956 ії Абстропав пу МААС жилі 14 Grade (3110-460); П БСЛГЧАН, Располіті Алійнаратан Маріхар, Уарабліднітна - 53 г 173, Ріс 1960;4(1107, 0004-646-44), такале і еконо

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Marks)

Marks)

POG

PDS

Internal Assessment

and Report (20

Outcomes (70

Final Presentation

Submitted by

Name V. Chandra Sekhar

Roll No. 21NU1A0256

Program 8.7

Brich

Status of Completion

Completed / Not Completed (10 Marks) Total Marks

107

PD8

PO9

P016 P011 P012 PS

P011 P012 PS01 PS012

11

Signature of Course Facilitator with Date

Marks

q.

١K

Signature of HoD with Date

Roll No. Course Code Title of the Course

21NU1-A0258

Programmable logic control.

Learning Outcomes (Please lick appropriately based on your course) (Se3-Assessment).

No	Description	B	efore L		ing		Afte:	Lean	ind
1	I have gained only theoretical knowledge	1	2	3	4	1	2	3	4
2	I have gained theoretical & practical knowledge a. I have developed by Coding skills b. There developed a product c. Titave developed a system or process d. Wrave developed a computer based application I. There developed a computer based application L. There developed a hardware application Any others, please specify	XXX	× × ×					× ×	><
3									

Learning Outcome's (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Eve minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

V0.	Description	Be	iore i	_earr	ling	A)	flerL	earni	בה
2	The learner has gained theoretical knowledge He / She has gained theoretical & prectical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. he/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	->\\\\\\\\\\		3	4		2	<u> </u>	
 	•								

Learnors Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. It should be submitted to the respective course instruction, please.

By the plc programming we have learned a got they are. 1) & have learned That how give a ON delay times & off delay times. 2) The -troffic signals logic 3) And by using ple programming we can do automatic doss opening clasing. 4) 21 automatic coox weating allo we can 5) Sin automatic con panking 6) By plc programming, Siga to know The pottle filling. an vory carent that other one. 8) It consume your power. 9) capable of handling of very complicated logic operation.

V. Chandre School

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Develop in ACC, Nex Dele TAXABLES ATTAL ANDOLO 1011, 30 1401 5 50 4001 Cellebrotestant) Recognized under 3(f) of the UGC ACT 1868 # Accredited by MAAC with 'A' Greek (3.1041,00) SONTYAM, Panthathi - Anexteputant Highway, Visiobappinger - 631173, Ph : 5665524167, 5095484548, Main, April, 566.57

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	irks	
Name	BECHANDO	Internal Assessment and Report (20 Marks)	1 -8	" 7
Roli No.	22 NUSA0201	Outcomes (20- Narks)	12	
Program	B. tech	Final Presentation (10 Marks)	8	
Status of Completion PDe featured	Completed / Not Completed P01 P02 P03 P04 P05 P06	Total Marks Pou por pou pou pou	40	P\$01 P6012
Signature of	Course Facilitator with Date	FEC D Signature of	HoD with Dat	8

Roll No.	2 2 N V SA020 F		
Course Code	20 EE \$ 502		
Title of the Course	🥂 Pagra mmabile 👔	ogic	contra lier.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	afore L	eami	ng		After	Leami	ng
		1	2	3	4	1	2	Э	4
1	I have gained only theoretical knowledge	\sim						V	
	I have gained theoretical & practical knowledge	$\overline{\mathbf{v}}$						V	
	 a. I have developed my Coding skills 	$\mathbf{\nabla}$						\sim	
	b. Thave developed a product	\checkmark							V
2	 I have developed a system or process 	\checkmark						~	
	d. I have developed my problem solving skills	\checkmark							~
	e. I have developed a computer based application		\checkmark						v
	 I have developed a hardware application 	V.	-					V	
	Any others, please specify								
3									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore L	earn	ing	A	fler Li	eami	ng
		1	2	_3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~	1				1	\sim	F
	He / She has gained theoretical & practical knowledge	~	r						$\overline{\mathbf{v}}$
	 The learner has developed my Coding skills 	~	f		_		1		V
	 b. The learner has developed a product 	$\mathbf{\nabla}$							\mathbf{v}
2	 The learner has developed a system or process 	1	~						~
	d. He/She has developed his/her problem solving skills	—	\sim						~
	e. He/She has developed a computer based application	\checkmark						!	V
	 The learner has developed a hardware application 		ľ						
3	Any others, please specify								
3									

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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

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Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
Name	B. Swathi Kumar	Internal Assessment and Report (20 Marks)	r 8	11 7
Roll No.	22 NUSA0202	Outcomes (10- Marks)	13	
Program	B.tech	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Not Completed	Total Marks	34-	
POs Addressed	P01 P01 P03 P04 P05 P06	P06 P07 P08 P06 P08	9 P011 PO12	P\$01 P3012
	1215/22	Ttel	P	-
Signature of	Course Facilitator with Date	Signature of	HoD with Date	

Roll No. Course Code Title of the Course

22NU5A0202 20EESOZ Programmable Logic controllal

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

1	Description I have gained only theoretical knowledge I have gained theoretical & practical knowledge a. I have developed my Coding skills	1	2	3	_4	1	2	3	4
_	I have gained theoretical & practical knowledge			1			ŀ		~
									_
E	a. I have developed my Coding skills						-		~
		1	<u> </u>					1	
	 have developed a product 							-	
2	c. I have developed a system or process								-
	 I have developed my problem solving skills 						:]	~
	e. I have developed a computer based application	1					,		شعمها
	 I have developed a hardware application 				· · · · ·	-		~	
	Any others, please specify								
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However It is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Respiration	Bef	ore l	eam	ing	Aí	ter Le	eamii	ng
	1	2	3	4	1	2	3	4
The learner has gained only theoretical knowledge	2						\sim	_
He / She has gained theoretical & practical knowledge	V							
 The learner has developed my Coding skills 		\checkmark						\sim
 b. The learner has developed a product 								N.
c. The learner has developed a system or process	12	-						r
 He/Sha has developed his/her problem solving skills 	~	-						ν
e. He/She has developed a computer based application		/						~~
 The learner has developed a hardware application 	$\perp v$							\mathbf{v}
Any others, please specify								
	He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application	1 1 The learner has gained only theoretical knowledge ~ He / She has gained theoretical & practical knowledge ~ a. The learner has developed my Coding skills ~ b. The learner has developed a product ~ c. The learner has developed a system or process ~ d. He/She has developed his/her problem solving skills ~ e. He/She has developed a computer based application ~ f. The learner has developed a hardware application ~	1 2 The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	1 2 3 The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	1 2 3 4 The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	1 2 3 4 1 The learner has gained only theoretical knowledge He / She has gained theoretical knowledge a. The learner has developed my Coding skills b. The learner has developed a product <	1 2 3 4 1 2 The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product <td>1 2 3 4 1 2 3 The learner has gained only theoretical knowledge </td>	1 2 3 4 1 2 3 The learner has gained only theoretical knowledge

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

> Before learning this course i have very Lell Knowledge about PLC. After learning this could I can improve practical Knowlyd and theoretical knowledge. - I have developed my problem Solving Hill. > I have developed my coding fill. > I have improved my knowledge on PLC after learning this course

B.Gwathikume 12. /05/2023

Student Signature with Date

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Providence by ACIT, New Deby (Antidades and PC Kerneder (Antida 2001, 500 1609) and Addit Constant material Recognized under 2(I) of the LIGC Act 1956 I Accredited by NAAC with 'A' Grade (1,10/4.00) SOWTYAN, Pendurith - Anandapurate Hypoway, Visak hapalnese - \$21173, Ph : 0685824197, 6099464545, where httl: edu in

Assessment Report **Skill Oriented Course**

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks -
Name	B' Sai Kiran	Internal Assessment and Report (20 Marks)	1 II 07 7
Roll No.	22NU5A0203	Outcomes (19 Marks)	14
Program	BEECH	Final Presentation (10 Marks)	d
Status of Completion	Completed / Not Completed	Total Marks	30
PO6 Addressed	PO1 POZ PO3 PO6 PO5 PO6 MJZJSZZ	Pos par pos pos part	P011 P012 P501 P501
Signature of	Course Facilitator with Date	Signature of F	IoD with Date

Roll No. Course Code Title of the Course

programmible legit control Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

: 22NU5A0203

Description			eami	<u> </u>	·	-undeli	Leam	ing
	1	2	3	[4]	1	2	3	4
I have gained only theoretical knowledge		\checkmark						V
I have gained theoretical & practical knowledge		V						~
 I have developed my Coding skills 	V						~	
 L have developed a product 								~
 I have developed a system or process 	\checkmark	1					\checkmark	
 I have developed my problem solving skills 		1						4
e. I have developed a computer based application	V.	r i		[1	
 I have developed a hardware application 	~							~
Any others, please specify								
	 I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application i. I have developed a hardware application 	I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed a system or process d. I have developed a computer based application i. I have developed a computer based application i. I have developed a hardware application	I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a system or process ✓ e. I have developed a computer based application ✓ i. I have developed a hardware application ✓	I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a system or process ✓ e. I have developed a computer based application ✓ i. I have developed a hardware application ✓	I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a system or process ✓ e. I have developed a computer based application ✓ i. I have developed a hardware application ✓	I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a system or process ✓ e. I have developed a computer based application ✓ I. I have developed a hardware application ✓	I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system or process ✓ d. I have developed a system or process ✓ e. I have developed a computer based application ✓ i. I have developed a hardware application ✓	I have gained theoretical & practical knowledge ✓ ✓ a. I have developed my Coding skills ✓ ✓ b. I have developed a product ✓ ✓ c. I have developed a system or process ✓ ✓ d. I have developed a system or process ✓ ✓ e. I have developed a computer based application ✓ ✓ I, I have developed a hardware application ✓ ✓

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment

No,	Description	Be	fare l	earr	iing	A.	ter L	eami	ng
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge		V	[~	
	He / She has gained theoretical & practical knowledge	<u> </u>	$\overline{\checkmark}$					V	
	 The learner has developed my Coding skills 		~					4	<u> </u>
	b. The learner has developed a product		~						~
2	c. The learner has developed a system or process		~		<u> </u>				~
	 He/She has developed his/her problem solving skills 	~	_					1	
	 He/She has developed a computer based application 	~							~
	 The learner has developed a hardware application 	$\overline{}$						V	
	Any others, please specify		8						
3									
					_	- 32	<u> </u>		_

Conge .

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By the PLC regramming we have leadened on lot they all a I I have learned that how give a ON delay. times Eight dolay Lines 2) The trappe Signals Logic (3) and by using plc grogramming we can be elo automatic abor opening a closing. WI In auto mater car washing also me we 57 In auto mat, car ranking. 5' In ple plaganing-the logic arisely rabbin-bod Star (7) Bypic programming I get to know the bottle filting (8) I Consume low rower 91 Copable of hand wilt is of very complicated Logic operation partition learned anotes signed handling Closed Loop control Neogramming.

Student Signature with Date

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(According to CTL) two Data I Advances II ACTA, Karveda I Antica 2011, 00 Actor 5.50 Actor 5.00 Act

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	CH-MOHAN	Internal Assessment	1	U					
Hence	VASU KIRAN	and Report (20 Marks)	9-1	8					
Roll No.	JUNUSAOLOY	Outcomes (20 Marks)	12						
Program	Bitch	Final Presentation (10 Marks)	7						
Status of Completion	Completed / Not Completed	Total Marks	37	_					
POs Addressed	P01 M03 P03 P04 P05 P0	s POP POT PON PON PON	E 1911 A012	PS01 PS013					
	N1715123	Fick	R	-					
Signature of	Course Facilitator with Date	Signature of		12					

Roll No. : 22NUTA0204 Course Code : 20FES02 Tille of the Course : Programmable logic controller

Learning Outcomes (Please tick appropriately based on your course) (Sell-Assessment)

No.	Description	80	fore L	eam	ng		Afler	Leam	ng
-		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	L		_				∇	
	I have gained theoretical & practical knowledge		N				·	<u> ~~</u>	1
	 I have developed my Coding skills 		1					.7	- V
	b. I have developed a product		1			<u> </u>		X	
2	 Thave developed a system or process 		×7					-X-	
	d Thave developed my problem solving skills	·	1					77	
	e. I have developed a computer based application		Y				-	×-	<u> </u>
_	 I have developed a hardware application 		1				<u> </u>	X	
	Any others, please specify		Ŷ					V	L
1									
									i
3									
- 1									

Learning Outcomes (Please tick appropriately based on the learnors learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in UMS before the final assessment.

No.	Description	Be	fare	Learr	ilng	A	tter L	eami	nq
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge		∇			-	<u> </u>	Ŵ	<u> </u>
, I	He / She has gained theoretical & practical knowledge	-	Ť	Ī			<u> </u>	Ž	
	a. The learner has developed my Coding skills	+	17	1×				Y	
	 The learner has developed a product 	+	Ť	7			<u> </u>	¥.	
2	 The learner has developed a system or process 	+	17	۲Ť			-	Y/	
	 He/She has developed his/her problem solving skills 	+	<u> </u>	1			-	Y	_
	e. He/She has developed a computer based application	+	17	Y	—			Y.	
	 The learner has developed a hardware application. 	1	Y	1	_			14	
	Any others, please specify				r			N.	
2	and accel hereas should								
3									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development galned through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

PLC is used to automate and control manufactiving process, machinary and equipment in a wide range of industries. And I know about, what it consist of a processor unit, input/output(Ilo) modules memory, power supply and communication interfacy. The processor unit etc. PLC are highly reliable and can apurali in housh environment, including extreme temporatione, humidity This information & learned from ple CL. Mohon

Student Signature with Da

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	Marks
Name СН. 8НАVУА.	Internal Assessment I II and Report (20 9.7- 28 Marks)
ROLI NO. 22NUTA0205	Outcomes (加 【 ざ Marks)
Program 8-Tech.	Final Presentation 9 (10 Marks)
Status of Completed / Not Completion Completed	Total Marks 45
	PU6 P09 P07 P00 P09 P0N P013 P012 P501 P5012

Signature of Course Facilitator with Date

Signature of HoD with Date

119

Roll No. Course Coda	: 20NUTA0205		
Title of the Course	programmable.	logic	controller.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	efore L	earni	ng	ĺ,	After	Leam	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge		~~		-			1	
	I have gained theoretical & practical knowledge	1	V					~	
	 a. Thave developed my Coding skills 		V				1		17
1	b. i have developed a product						_	V	-
2	 I have developed a system or process 			\checkmark					1
	 d. I have developed my problem solving skills 			Ž					1
	 I have developed a computer based application 				\checkmark	:		<u> </u>	1
	 I have developed a hardware application 		N		-			\checkmark	~
	Any others, please specify								
3									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by 'aculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore	earn	ung	Ai	ter L	eæni	пд
		1	1 2	3	4	1	2	3	14
1	The learner has gained only theoretical knowledge	~	ł					Ù	
	He / She has gained theoretical & practical knowledge	~	-						V
	 The learner has developed my Coding skills 	1	1						
	b. The learner has developed a product	12	-				!		1
2	 The learner has developed a system or process 	17	-		-			~	~
	d. He/She has developed his/her problem solving skills		\sim						v
	e. He/She has developed a computer based application	*						1	v
	 The learner has developed a hardware application 	1.2	7						F>
	Any others, please specify							L	-
1									
3									
5									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

> In PLC, I leagnt how to worke PLC programming in computer. > How to perform coding skill and applications of PLC. =) I have leavent in PLC lab bow to set timeys and counteys. > Before learning, after learning the is a lot of difference. After learning I clease that what I know, it is very metal and Important in -future projects. > And PLC is widely used in Indutibules, companies and Institutes. => PIC Lab is very Exerctial and very usful in tuture.

Ch-Bhauyen Student Signature with Dale 05/23.

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Showing in ACTE, New Detry & Although in ACTUAL Address # An ACC (VPL, 450 1400) 4 (20 ASSA) Carden Instructory Resegnated under 2(0 of the USC Act 1958 3 Accredited by NAAC with 'A' Grede (3,164,09) SONTYAM, Penderthi - Anondepuram Highway, Vise Liver Liver 531173, Ph.: 0885024107, 8000404546, www.ng/il.edv.in

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Mar	ks
Name	0 - Ravitgia	Internal Assessment and Report (20 Marks)	1 1 8 7
Roll No.	2.2,00 \$ Ma2a6	Outcomes (10 Marks)	14
Program	BTECH	Final Presentation (10 Marks)	7
Status of Completion	Completed / Not Completed	Total Marks	36
POx Addressed	PO1 PO2 PO3 PO4 PO5 PO1	6 PQ4 PO7 #08 PD9 P018	PO11 PD13 P301 P5012
	Na 13-15/23	Tiel	2 P
Signature of	Course Facilitator with Date	Signature of H	toD with Date

Roll No. : 2200574206 Course Code : 20EE Soz. Title of the Course : programmable (colic Controller (PLC

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

Na.	Description	Ì Be	efore L	eami	riĝ -		After	Learni	ng
		j 1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge		\checkmark		ĺ		-		~
	I have gained theoretical & practical knowledge	V				<u>†</u>		N.	
	 I have developed my Coding skills 	$\overline{\mathbf{v}}$!	!		1
	b. I have developed a product.		4			1			Ĵ.
2	 c. I have developed a system or process 	1							v
	 I have developed my problem solving skills 	1V					-	V	
	 I have developed a computer based application 		~			-		~	-
	 I have developed a hardware application 		\checkmark						\checkmark
	Any others, please specify		0.00			1000			
	1								
3									
2			82						
			2						

Learning Outcomes [Please bck appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment,

Description	Be	fore l	ean	ning	A	fter L	eami	ng
	1	2	3	4	1	2	3	4
The learner has gained only theoretical knowledge	$\overline{\mathbf{\nabla}}$	' <u> </u>				<u> </u>		V
He / She has gained theoretical & practical knowledge	1	1		1		—	<u> </u>	~
a. The learner has developed my Coding skills	<u> </u>	$\overline{}$;					~
b. The learner has developed a product	:	~		I—		-		1
 c. The learner has developed a system or process 	:	1	Ì		-		<u> </u>	
 d. He/She has developed his/her problem solving skills 		1	<u> </u>					~
 He/She has developed a computer based application 		15				<u> </u>	Ŭ,	<u> </u>
 The learner has developed a hardware application 	<u> </u>	<u> </u>	<u> </u>					
Any others, please specify	<u> </u>	14					i .	-
	Description The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	1 1 The learner has gained only theoretical knowledge ✓ He / She has gained theoretical & practical knowledge ✓ a. The learner has developed my Coding skills ✓ b. The learner has developed a product ✓ c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ● e. He/She has developed a computer based application ↓ 1. The learner has developed a hardware application ↓	1 2 The learner has gained only theoretical knowledge ✓ He / She has gained theoretical & practical knowledge ✓ a. The learner has developed my Coding skills ✓ b. The learner has developed a product ✓ c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ í. The learner has developed a hardware application ✓	1 2 3 The learner has gained only theoretical knowledge ✓ He / She has gained theoretical & practical knowledge ✓ a. The learner has developed my Coding skills ✓ b. The learner has developed a product ✓ c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ í. The learner has developed a hardware application ✓	1 2 3 4 The learner has gained only theoretical knowledge ✓ ✓ He / She has gained theoretical & practical knowledge ✓ ✓ a. The learner has developed my Coding skills ✓ ✓ b. The learner has developed a product ✓ ✓ c. The learner has developed a system or process ✓ ✓ d. He/She has developed his/her problem solving skills ✓ ✓ e. He/She has developed a computer based application ✓ ✓ í. The learner has developed a hardware application ✓ ✓	1 2 3 4 1 The learner has gained only theoretical knowledge ✓ ✓ ✓ He / She has gained theoretical & practical knowledge ✓ ✓ ✓ a. The learner has developed my Coding skills ✓ ✓ ✓ b. The learner has developed a product ✓ ✓ ✓ c. The learner has developed a system or process ✓ ✓ ✓ d. He/She has developed his/her problem solving skills ✓ ✓ ✓ e. He/She has developed a computer based application ✓ ✓ ✓ í. The learner has developed a hardware application ✓ ✓ ✓	1 2 3 4 1 2 The learner has gained only theoretical knowledge ✓ ✓ ✓ ✓ He / She has gained theoretical & practical knowledge ✓ ✓ ✓ ✓ a. The learner has developed my Coding skills ✓ ✓ ✓ ✓ b. The learner has developed a product ✓ ✓ ✓ ✓ c. The learner has developed a system or process ✓ ✓ ✓ ✓ d. He/She has developed his/her problem solving skills ✓ ✓ ✓ ✓ e. He/She has developed a computer based application ✓ ✓ ✓ ✓ í. The learner has developed a hardware application ✓ ✓ ✓ ✓	1 2 3 4 1 2 3 The learner has gained only theoretical knowledge ✓ ✓ ✓ ✓ ✓ a. The learner has developed my Coding skills ✓ ✓ ✓ ✓ ✓ ✓ b. The learner has developed a product ✓ ✓ ✓ ✓ ✓ ✓ c. The learner has developed a system or process ✓ ✓ ✓ ✓ ✓ ✓ d. He/She has developed his/her problem solving skills ✓ ✓ ✓ ✓ ✓ i. The learner has developed a computer based application ✓ ✓ ✓ ✓ ✓

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development galned through this course in their OWN WORDS). Please atlach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

a knowledge for PIC opplicitions. 🛣 haite (thread Q, ଭ I have looned 10 1016 05 Plo have laned 0 т with hew plc we for days to day life opplicitions. der-40 ladded bestic of PLE 9) I Love lemed fΨY. Contracted ര τ IT W PARS the topic is voy easy. 4+¥2 ଡ tle. Strale A traffic laic. rite. looned that how size a on deby the ond of Follow to have ۲ time 3 In actuate Gr. poxily. we pic tox Automatic 198 agreeting 6. Za 60 System 6 Automotic . Et mushing allo we use Σn

Student Signature with Date

12-5-2023.

D. Bavilga

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Represente AUC, Non-Colv (Alternative AUC, notions (An 80-552), 50 (AUL) (AUL) Control response Encognized under 2(1) of the UOC Act 1996 Il Astronited by NAAC with 'A' Genes (3, side du) SONTYAM, Pendertin - Anande purser Highway, Veshkapebsen - 521172, Ph : 8885824167, 6006464548, ways rept edg. In

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

LORADA NARENDRA	internal Assessment	1	÷H
CORPLAN ANNO MUCH	and Report (20 Marks)	9.5	9
DN0240904	Outcomes 740 Marks}	17	
BJTech	Final Presentation (10 Marks)	18	
Completed / Not Completed	Total Marks	44	
	B Tech	Outcomes 210 Marks) B Tech Completed / Not Completed / Not	Marks) Outcomes 210 NOS A0-307 Marks) Final Presentation (10 Marks) Completed / Not Completed / Not Completed / Not

Roll No.: JJN05A0J0HCourse Code: $JD \in ESOJ$ Title of the Course:

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore L	eami	ng		After	Leami	ng
		1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge				-		İ	-	
	I have gained theoretical & practical knowledge					1	i		·
	 a. I have developed my Coding skills 	17			<u> </u>	†	÷		~
	b. I have developed a product	1~				!		~	-
2	c. I have developed a system or process	1		<u> </u>				- -	
	 I have developed my problem solving skills 	V		İ					
	e. I have developed a computer based application				<u> </u>			V	
	 I have developed a hardware application 	~						<u> </u>	V
	Any others, please specify				_				
2									
2									
1									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through criline or offline or both the mode). Geotagged pholos are needed and in case of online 'Recording is mandatory' during assassment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assassment.

Description	Bei	fore l	earr	ing	A	ter Le	earni	ng
· · · · · · · · · · · · · · · · · · ·	1	2	3	4	1	2	3	4
The learner has gained only theoretical knowledge				[10	<u> </u>
He / She has gained theoretical & practical knowledge		-		<u> </u>	-		<u>.</u>	
 a. The learner has developed my Coding skills 	10				<u> </u>		;	5
	~	_		2				-
 The learner has developed a system or process 	V	1						~
 He/She has developed his/her problem solving skills 	4		<u> </u>					1
e. He/She has developed a computer based application	~			·			1	r
 The learner has developed a bardware application 	17						-	~
Any others, please specify								-
*								
	Description The learner has gained only lheoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. Ha/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application Any others, please specify	1 The learner has gained only theoretical knowledge 1 The learner has gained theoretical & practical knowledge 1 a. The learner has developed my Coding skills 1 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 f. The learner has developed a bardware application 1	1 2 The learner has gained only theoretical knowledge - He / She has gained theoretical & practical knowledge - a. The learner has developed my Coding skills - b. The learner has developed a product - c. The learner has developed a system or process - d. He/She has developed his/her problem solving skills - e. He/She has developed a computer based application - f. The learner has developed a bardware application -	1 2 3 The learner has gained only theoretical knowledge - He / She has gained theoretical & practical knowledge - a. The learner has developed my Coding skills - b. The learner has developed a product - c. The learner has developed a system or process - d. He/She has developed his/her problem solving skills - e. He/She has developed a computer based application - f. The learner has developed a bardware application -	1 2 3 4 The learner has gained only theoretical knowledge - - - He / She has gained theoretical & practicel knowledge - - - a. The learner has developed my Coding skilts - - - b. The learner has developed a product - - - - c. The learner has developed a system or process - - - - d. He/She has developed his/her problem solving skills - - - - e. He/She has developed a computer based application - - - - - f. The learner has developed a bardware application - - - - -	1 2 3 4 1 The learner has gained only theoretical knowledge - - - - He / She has gained theoretical & practical knowledge - - - - - a. The learner has developed my Coding skills -	1 2 3 4 1 2 The learner has gained only theoretical knowledge Image: Comparison of the comp	1 2 3 4 1 2 3 The learner has gained only theoretical knowledge Image: Comparison of the compa

^е н к

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

* At industrial drived the PLC worked on many uses. * By automation the day is is receiver day by day. * By learning this PLC programming my coding skill and application of PLC. * Pic Lab is very essential and very unput in peter. * Ric are highly reliable and can operate is environment, including extreme. . Norendra

Student Signature with Date

AUTONOMOUS



Marcani († 4015). Ara Dah 1 Milang o La TUN, Kanada I An 600300 (4014-001400) (edika angkara) Rasagmineri Analar 7 (f) et the UVC Act 1986 F Accessiones by MAAC mith 1A Grada (2,1014-00) SÜMEYAN, Pendurite - Anandagurum Ngiwayi, Washingsaham - 531173, Ph (\$985824167, 5099404546), www.marit.odu.un

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
Name	M.G.naneswar	Internal Assessment and Report (20 Marks)	1 8.7	" 7
Roll No.	22 NUS A02 08	Outcomes (10 Marks)	13	
Program	B. Tech	Final Presentation (10 Marks)	7	
Status of Completion	Completed / Not Completed Pot Not Mes POt POS POG	Total Marks PO5 PO7 PO8 PO9 PO1	36 8 PO11 PO12	P501 P5012
	NET Course Facilitator with Date	Signature of	e P HoD with Da	te

Roll No. : 22NUSA0208 Course Code : 2.06C302 Title of the Course : ALC

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore L	earni	ing		After	Learni	ng
110.	Description	1	2	3	4	1	2	3	- 4
1	I have gained only theoretical knowledge		4						4
	I have gained theoretical & practical knowledge		\sim			*	i		
	 a. Thave developed my Coding skills 		~						$\overline{\mathbf{v}}$
	b Thave developed a product		\checkmark						$\overline{\mathbf{v}}$
2	c. Thave developed a system or process	\checkmark			•	:			5
	 I have developed my problem solving skills 		\checkmark		:				1
	 I have developed a computer based application 					i		1	172
	f. Thave developed a hardware application	i 🗸			Ì	!		\sim	,
	Any others, please specify								
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geologged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to factifiate the process through online mode. Five minutes short video recorded presentation submission is also mondate and should be uploaded in LMS before the final assessment.

No, I	Description	Be	iore L	,ean	ning	A	ter L	earni	ng
	e data post	1	2	Ìз	: 4	i 1	2	- 3	4
÷.,	The learner has gained only theoretical knowledge	N			-]	<u> </u>	-	
	He / She has gained theoretical & practical knowledge	-	~		:	1			-
	 The learner has developed my Coding skills 	~	2	<u> </u>	-			-	÷.
	b. The learner has developed a product		•	1	!				1
2	 The learner has developed a system or process 	~	n	1				-	
	 He/She has developed his/her problem solving skills 	12	7	1	:				~
	e. He/She has developed a computer based application	1				1		-	
	 The learner has developed a hardware application 	~	1		:	1	1		1
	Any others, please specify								

Note: The range '1' through '5' is Weak to Strong and

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

134200

1) I have learned constructing ladder diagrams 2) Studied about Timers and Counters. 3) Developed applications on Ook Star ters 4.) Learned about PID controllers MiGRANESWON IS/5/22

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

لاحتشامه المكمعة فالكلاد تكواط اللامة الجور محكر تبازرها وال VALUE AND A COLUMN DATE SAME Receipted under 20 of the UBC Act 1934 I Accredited by NAAC with "A" Grade (3.10(4.00) spertyald, Personthe Anandapurem Highwey, Vispahapalnem (SJ1175, Ph 19865624167, poper645456, www.nest.od//.in

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	N	larits		
	NAXEA VEEPA	Internal Assessment	ι .	N.	
Name	KINNA & HAHALAKSHHI	and Report (20	9.4	a-	
		Marks)	1.1	,	
Rol No.	22NU540209	Outcomes (10	16		
ROU NU.	Saluano to t	Marks)	0,00		
Deserve	8 - Tech	Final Presentation	8		
Program	12.42	(10 Marks)			
Status of	Completed / Not	Total Marks	43		
Completio	n Completed		//		12
POs Addressed	P21 P03 P01 P01 P05 P04	PG6 PG7 PG1 P05	PCHE POII POIZ	P\$01 P\$0	012

Signature of Course Facilitator with Date

lc.6_ Signature of HoD with Date

NSRIT, Sociyam, Visakhapatnam 531 173, AP

Roll	Ņ¢		
Сош	'S A	Co	de
Title	of	the	Course

: 22NUSA0209 : 20EEB02-: Porlogrammable Logic controller

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessmont)

Description		slore L	aarni	Πġ	Alter Learning					
	1	2	3	4	i 1	2	3	2		
Thave gained only theoretical knowledgo		V			i		V	-		
I have gained theoretical & practical knowledge	1	V			·			V		
 a. Thave developed my Coding skills 		1	<u> </u>				$\overline{\mathbf{v}}$	<u> </u>		
 I have developed a product 	\checkmark				1		$\overline{\mathbf{v}}$			
 I have developed a system or process 	\checkmark			1	+ 	\square	$\overline{}$	İ		
d. Thave developed my problem solving skills	1						1			
e. I have developed a computer based application	$\overline{\mathbf{v}}$		<u> </u>		1		V			
 I have developed a hardware application 		~			1		$\overline{\mathbf{v}}$	1.		
Any others, please specify										
			Ę							
	 I have gained theoretical & practical knowledge a. Thave developed my Coding skills b. Thave developed a product c. Thave developed a system or process d. Thave developed my problem solving skills e. Thave developed a computer based application f. Thave developed a hardware application 	1 1	1 2 1 have gained only theoretical knowledge 1 have gained theoretical & practical knowledge a. Thave developed a product c. Thave developed a product c. Thave developed a system or process d. Thave developed a computer based application 1. Thave developed a hardware application	1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 1 2 3 1 1 1 1 1 2 3 1 1 1 1 1 2 3 1 1 1 1 1 2 3 1 1 1 1 1 1 2 3 1<	1 2 3 4 1 have gained only theoretical knowledge 1 2 3 4 1 have gained theoretical & practical knowledge 1 1 2 3 4 1 have gained theoretical & practical knowledge 1 1 2 3 4 1 have gained theoretical & practical knowledge 1 1 1 1 1 a. Thave developed my Coding skills 1 1 1 1 1 b. Thave developed a product 1 1 1 1 1 c. Thave developed a computer based application 1 1 1	1 2 3 4 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 1 2 3 4 1 1 1 1 1 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 3 4 1 2 1 2 3 4 1 2 1 1 2 3 4 1 2 1 1 2 3 4 1 2 1 1 2 3 4 1 2 1 1 2 3 4 1 2 1 1 2 3 4 1 2 1 1 1 1 2 3 4 1 2 1 1 1 1 1 2 3 4 1 2 1 1 have gained theoretical & product -	1 2 3 4 1 2 3 1 1 2 3 4 1 2 3 1 1 2 3 4 1 2 3 1 1 2 3 4 1 2 3 1 1 2 3 4 1 2 3 1 1 1 2 3 4 1 2 3 1 1 1 2 3 4 1 2 3 1 1 1 2 3 4 1 2 3 1 1 1 1 1 2 3 4 1 2 3 1		

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or orifline or both the mode). Geologied photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandata and should be uplicaded in LMS before the final assessment.

Description		CLE I	.≑atr	After Learning					
e-esenipados	1	2	3	4	1	2	3	4	
The learner has gained only theoretical knowledge	V				1		\sim	•	
He / She has gamed theoretical & practical knowledge								4	
a. The learner has developed my Coding skills					i				
b. The learner has developed a product		\sim		I	I			V	
 The learner has developed a system or process 	1			i	i		V	C,	
 He/She has developed his/her problem solving skills 	$\overline{}$							\overline{v}	
e. He/She has developed a computer based application	\checkmark	/						~	
 The learner has developed a hardware application. 	∇			1				$\overline{\mathcal{V}}$	
Any others, please specify									
	 He / She has gamed theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application 	He / She has gained theoretical & practical knowledge	He / She has gained theoretical & practical knowledge	He / She has gamed theoretical & practical knowledge	He / She has gamed theoretical & practical knowledge	He / She has gained theoretical & practical knowledge	He / She has gained theoretical & practical knowledge	He / She has gained theoretical & practical knowledge	

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fitteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please altach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

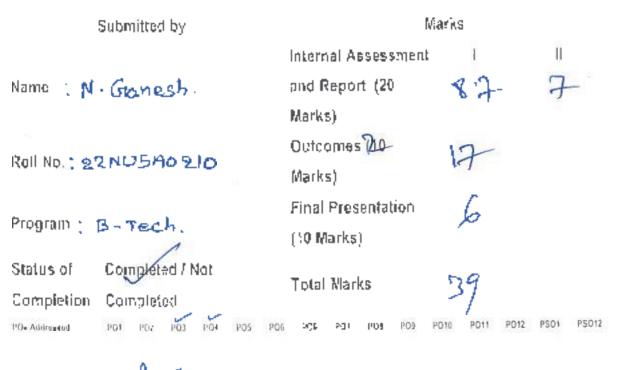
i) I have Learned How the PLC is coosiking. 2) I have knowed and performed the PLC Pacquame. 3) I have becomed thow the PLC is court king in several applications. 4) the PLC is Automatic solution Br many Applications. 5) I have leagued thous to use plc rogizame for temperature controll. a) plc one used in various applications Industries such as the steel industry in automobile industries, chemical industry ond energy sector.

N: Mahalak Shmi 12/5/03 Student Signature with Date

AUTONOMOUS)

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)



Signature of Course Facilitator with Date

Signature of NoD with Date

Roil No Course Code Tille of the Course

3

22NO 5A0210 20EE 302 Broggiannable logic controller.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment).

No.	Description	B	ciore .	esvn	iing	A'ter	Leam	ino
2	These gained only liteoretical knowledge These gained theoretical & practical knowledge a. These developed my Coding skills b. These developed a product c. These developed a system or process d. These developed a system or process d. These developed a computer pased application f. These developed a hardware application Any others, please specify		2 V V V V	3	4		37 777 2	
£								

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geologged photos are needed and in case of online. "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

ΝQ.	Description	Be	elore i	Lean	ing	Aľ	lar L	.Cârnj	ng
5	The learner has carned only theoret cal knowledge	1	2	3	4	1_	Ż	3	4
	He / She has gained (heoretical & practical knowledge	1~	1		<u> </u>			V	
	en ing realitier this geveloped av Coding skills	N		_			<u> </u>	; ;	L
	v Treleamenhos developed a product.	X	1	-				\sim	<u> </u>
: 	C. The yearner has developed a system or organize	~	Ċ			!			7
			V					~	5
	e. He/Sho has developed a computer based application	V					'	1	
1	The 'earner has developed a hardware application Any others please specify	V	2		_				~

Note: The range '11 through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – Inteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through t course in their OWN WORDS). Please attach additional sneets in case of any sample programs product development. In case of product development, it should be submitted to the respective cour instruction pressed.

By the plc programming we have leavered a tot they aref -? I have learned that How give on delay & obt delay timer. And by using plc pocogocanning cae -> condo Automatic dos opening & closing -> By pic programming in get To know To bottle filling.) the Totablic signals logic. -> if assure low power. -? In plc programming the logic ore easies hat other one.

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by		rka	
Nama	1.	Internal Assessment	۲.	N
	P. siva	and Report (20 Matks)	8	7
Roll Na,	22WUSA0211	Oulcomes (10 Marks)	12	
Program	8 Tech	Final Presentation (10 Marks)	6	
Status of Completion	Completed / Nol Completed	Total Marics	37	
No Address	HOI HOT HOL HON JUS HO	PON PON PON PON PON	POIT POI	t PHON PHONE
Signature of	Course Facilitator with Date	Fic b Signature of H		tin and the second

Į.

Roll No.	:	22NU5A0211
Course Code	:	2086 502
Title of the Course	-	Programb

Programble Logic controller

Lourning Outcomes (Picase uck appropriately based on your course) (Self-Assessment)

Ko.	Description		Belore Learning					After Learning					
ne.	Descration	1	2	3	4	4	. 2	3	4				
1	I have gained only theoretical knowledge	V						1					
	I have gained theoretical & practical knowledge	V						V	-				
2	 a. I have developed my Coding skills 		V					V					
	 b. i have developed a product 		1			_		V					
	 I have developed a system of process. 	\mathbf{v}						V					
	 I have developed my problem solving skills 	\sim				[V					
	e. These developed a computer based application		\sim					V					
	 I have developed a hardwark application 		~					V	1.41				
	Any others, please specify												
			3.0					6					
								÷					
3								1					
								3					

Learning Outcomes (Please tox appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Georagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also manoate and should be uploaded in LMS before the final assessment.

No.	Description	B	elo	ire l	Jean	After Learning				
чQ.	Descrigoign	1	Ť	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge		4		—			1	N	÷.
	He / She has gained theoretical & practical knowledge		1					1.1.		l
2	 The learner has developed my Coding skills 	~	7			Į.		· · .		
	b. The learner lias developed a product	~	2							V
	 The learner has developed a system or process 	5	Я			1			V	
	d. He/She has developed higher problem solving skills		1		I			-		V
	e. He/She has developed a computer based application		4	6					100	1
	 The learner has developed a hertware application 	N	ď	-		Τ			1	
3	Any others, please specify						. 1	1		

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NSRIT, Sontyam; Visakhapatnam 531 173, AP

ine to

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten - filteen sold learning outcomes reparding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attack additional cheets in case of any sample programs or product development. In case of product development, '4 should be submitted to the respective course instructor, please.

1. In The course I have reared The losic of ladder diagnour Ache e with the help of plc, we are able To get idea on the has the plawill be Impremented on The Industrian Approxitions 3. In this couse wear abe to onda -Stand. PLC programs and alogerting. 4) From the ple we concontrol asystem functions and we can keen about the controllers s, so, by thus causse we can casily design ladden Logic Mograms April 21

Sludent Sichalure w



NADIMPALLI SATYANARAYANA RAJU **INSTITUTE OF TECHNOLOGY** (AUTONOMOUS)



Hereine is AGM, here Deter Annales to Januar, Schmade Line 60 9001, Statistical and a manager Keeingnized under 2(5) of the UGC Act 1934 (LAccredeed by NAAC with 'A' Green (2.10/2.00) SOMEYAM, CONJUNE ACENDED-CONTRACTOR REPARTY, VIENHADED-CONTRACT, 531117), Ch. 3865824167, 8030454548, www.epic.edu.or

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Mar	ks
		Internal Assessment	1 11
Name	PINANDINI	and Report (20	12 8
		Marks)	64
Roll No. 2	2NU5A0212	Outcomes (00-	17
	-10V5H0212	Marks}	- /
Program	B. Tech	Final Presentation	7
1 agram	KON TOOD	(10 Marks)	1
Status of	Completed / No:	Total Marks	het
Completion	Completed	I ULAI MAINS	41
PO's Advanced	PON LON DOS 200 POS	014 804 804 109 804 804	401+ MOI2 MIGI PSO12

Signature of Course Facilitator with Date

with Date

Signature of HoD

Roll No. : 22NUSA0212 Course Code : 20 EE 502 Tibe of the Course : Punogerourn able logic Contraller.

Learning Outcomes (Please tick appropriately based on your course) (Sell-Assessment)

No.	Description	Be	efore Li	earni	ng	After Learning					
140.	Description	. 1	2	З	4	1	2	3	4		
ì	I have gained only theoretical knowledge	1	~				~	-			
	I have gained theoretical & practical knowledge		~				4				
	 I have developed my Coding skills 		5				100				
	 b. Thave developed a product 	1		i				\sim			
2	 I have developed a system or process 	¦		\sim				~			
	d. There developed my problem solving skills	1		~				~~			
	e. I have developed a computer based application				\sim				\checkmark		
	 I have developed a hardware application 		\sim					~			
	Any others, please specify										
3											

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandalory" during assessment process However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	lore	Learr	nng	After Learning					
PND.	Description	1	2	- 3	4	1	2	3	4		
1	The learner has gained only theoretical knowledge	N	-	i				\sim			
	He / She has gained theoretical & practical knowledge	\sim						;	Y		
	a. The learner has developed my Coding skills	\sim			·	j		Ì	\mathbf{v}		
	b. The learner has developed a product	\sim]		$\overline{\mathbf{v}}$			
2	c. The learner has developed a system or process		V					\sim			
	d. He/She has developed his/her problem solving skills	\sim		1				\sim			
	e. He/She has developed a computer based application	\sim	1					1	1		
	 The learner has developed a hardware application 	\sim	1		1			1	$\overline{\mathbf{v}}$		
	Any others, please specify										

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write len - fitteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional shoets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

PLC is used to automate and control manufacturing process, machinery and Equipment Pria where usinge of industries And I know about what it consist of a Perocessos with, input lowput (ILO) modeles memory, power supply and. Communication interfaces. The processos PLC are highly outliable and can operat In curvicement including extinence Thes information I dearned from PK

> Mand

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



[Appoint by ACRE, Res Spin (Adapte to 3-104) related for COPPON GO 2001 100 your 1400 your estated Recognized postor 2[4] of the VGC Act 1936 d Accessinged by NAAC with 141 Grade [3, 1646 60] 2003 YAM, Revolution AsterCappican High-rby, VisaShnpintApe (20117-3, Phil Dub5874147, 8020-56540, www.mark.utd.inc

Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	-	arks	
Name	S-LEE UP PRPSANTA)	Internal Assessment and Report (20 Marks)	4°3	7
Roll No. Program	22NUSAD213 B. TECH	Outcomes 740 Marks) Final Presentation (10 Marks)	15 6	
Status of Completion	Completed / Not Completed Pat Pot Pot Pot Pos Pot	Total Marks 6 POS PO7 PO8 PO8 1	37 PO10 PO11 PU12	P501 P5012

Signature of HoD with Date

Signature of Course Facilitator with Date

 Roll No.
 : 121/05A0213

 Course Code
 : 2066501

 Title of the Course
 : PCC

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

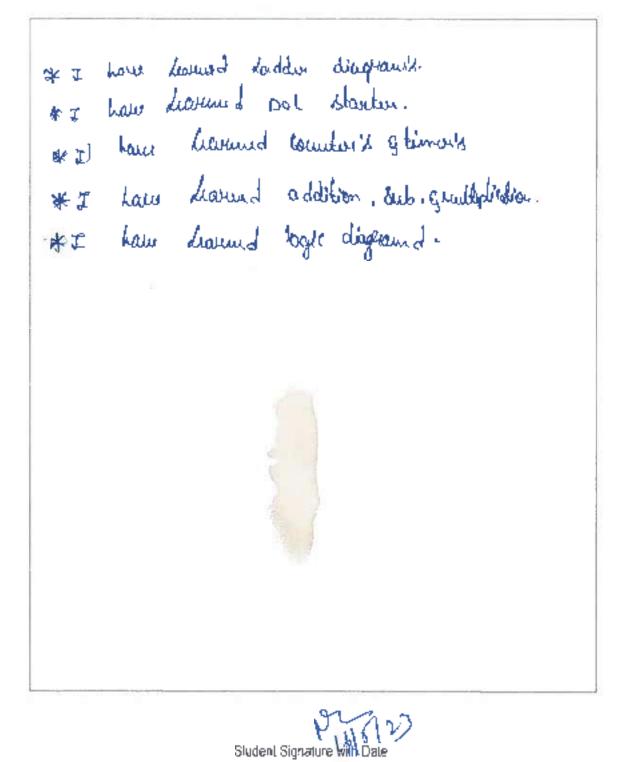
No.	Description		fore L	earni	ığ	After Learning					
_1		1	2	3	4	1	2	З	4		
_1	I have gained only theoretical knowledge		~						V		
	Thave gained theoretical & practical knowledge		~	:					~		
1	 I have developed my Coding skills 		×		<u> </u>						
	 b. I have developed a product 	1							~		
2	 c. I have developed a system or process 		Y					_	Ý		
	 I have developed my problem solving skills 	5	~						1		
	e. I have developed a computer based application	1	V.		_				~		
	 I have developed a hardware application 		1				<u> </u>	~	1		
	Any others, please specify					-					
3											
·											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	After Learning						
	and output the	1	2	3	4	1	2	3	4
1	The teamer has gained only theoretical knowledge		-					~	
	He / She has gained theoretical & practical knowledge	~	-	-					~
2	 The learner has developed my Coding skills 	~		-					
	 b. The learner has developed a product 								<u> </u>
	 The learner has developed a system or process 		-					~	-
	 He/She has developed his/her problem solving skills 		~						~
	e. He/She has developed a computer based application								1
_	f The learner has developed a hardware application							-	Ľ
	Any others, please specify								
3									
			_	_	_			_	

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – filteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor please.



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
	R-VEERE SH	Internal Assessment	L	U
Name	HANI KANT A	and Report (20 Marks)	91	7
Rali Na.	22805 A0214	Outcomes (30- Marks)	l	5
Program	B.tech	Final Presentation (10 Marks)	7	
Status of Completion	Completed / Not Completed	Total Marks	38	9
PDe Médrosané	POI POI POI POI POI POI	PCAL PET PCAN PCN PC/	N PO11 N	942 PB04 P5012
	1715 23	TED	P	
Signature of	Course Facilitator with Date	Signature of	HoD with D	lale

Roll No. : 2.2 MUSA 0214 Course Code : 20 EE 662 Title of the Course : PROGRAMMAGLE LOGIC CONTROLLER

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Mm	Description	B	afore L	eami	ng	After Learning						
nu.		1	2	3	4	1	2	3	4			
1	I have gained only theoretical knowledge	[~						~			
	I have gained theoretical & practical knowledge	1	~					~				
	 a. I have developed my Coding skills 		~					1				
	b. I have developed a product		5-					1				
2	 I have developed a system or process 							1				
	 I have developed my problem solving skills 			[~	·			
	 Thave developed a computer based application 			i	[·	1	~				
	 1 have developed a hardware application 		-					/				
	Any others, please specify											
3												

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through caline or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description		(Orial)	Learr	ing	After Learning					
1.0	Cossiption	1	2	Э	4	1	2	3	4		
1	The learner has gained only theoretical knowledge		\sim					~			
	He / She has gained theoretical & practical knowledge			~	<u> </u>			\sim			
	The learner has developed my Coding skills	1	~	r				1			
	b The learner has developed a product			12				1			
2	c. The learner has developed a system or process		~					1	_		
	 He/She has developed his/her problem solving skills 			12				$\overline{\mathbf{v}}$			
	e. He/She has developed a computer based application		×	(1			
	 The laarner has developed a hardware application 							1			
	Any others, please specify										
3											
3											

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten - lifteen solid learning ouncomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the rospective course instructor, please.

PLC is used to automate and control manufacturing process, machinery and equipment in a wide storage of industrios. And I know about, what it consists of a processor onit, input (a object (I lo) modules memory, power sopply, and Communication interpaced. The processor unit etc. PLC one highly reliable and can opende in horsh environments, including extreme temperatures, humidity. This information I learned from ec.

B. veerath Harikanta 12-05-23

Studewi Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester Vi) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks								
Name	A. Divya	Internal Assessment and Report (20 Marks)	 €-27	॥ 8.93						
Roll No.	20 NUI A0201	Outcomes (20 Marks)	9							
Program	B. Tech	Final Presentation (10 Marks)	9							
Status of Completion	Completed / Not Completed	Total Marks	47							
PCs with mad	PO1 PO2 PO3 PU4 PO9 P	04 PCM POF POE ACM PO	W POI: PO12	P\$01 P\$012						

a Signature of Course Facilitator with Date

Signature of HoD with Date 15/23

Roll No.	: 20NULA0201
Course Code	: 20 EE SOY
Title of the Course	PSPice)

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	6	efore L	1	ng		After	Learni	ng
			2	3	4	1	2	3	4
1	I have gained only theoretical knowledge	- V	-				i	~	1
	I have gained theoretical & practical knowledge								d- <u></u>
	 I have developed my Coding skills 	~				_		V	
	 b. I have developed a product 	V		£			~		
2	c. I have developed a system or process	~		r			+	~	
	 I have developed my problem solving skills 	~						V	
	e. I have developed a computer based application	\checkmark						H.	
	 I have developed a hardware application 						\sim		
	Any others, please specify								
	÷								
3									121
			t						
- 1									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore l	.ean	ılng	A	fter L	eami	ng
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge		1				7	1,	<u>. </u>
	He / She has gained theoretical & practical knowledge					1	<u> </u>		<u> </u>
i	 The learner has developed my Coding skills 	1		-	-		-	V	-
	b. The learner has developed a product						~	-	-
2	 The learner has developed a system or process 	1			-			~	
	 He/She has developed his her problem solving skills 	V				-	<u> </u>	~	
	 e. He/She has developed a computer based application 			_			1.1	~	
i	 The learner has developed a hardware application 						2		_
	Any others, please specify			-	<u> </u>	-			_
3									
"	A.								
1									
Į									
ľ									

Note: The range "1" through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten -- fiftaen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. By learning PSPICE, I can gain a deep indexstanding of circuit theory, including concepts such as presistors, capacitors, induc tors, diodes, transistors, and openational amplifiers. I will learn how to create and simulate circuit durigns using these components.

- 2. PSpice allows to simulate circuits and analyze their behavior before physically implementing them. I will learn verious simulation techniques.
- 3. Pspice is widely used in academia and the industry jos educational and professional purposes.

4. By learning PSprie, a acquire a skillset that is applicable in vorious fields, include -19 Electrical Engineering, electronics design, severach and development.

> A. Divyay Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU NSRI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Accessed by ACTE Have Date & April nê na defî li yî, kişar mile li he nêrê hişên tirên 1400 ji di bû 1400 ji di bû 1400 ji di bû 1400 ji di bû 140 Receipting Under 2(1) of the Most Ass 1958 | Aschulled by NAAG with 'A' Grade (5.104.08) name)) - Alandapurka Highany, Waakhapalalan - 631973, Ph.: 0465634167, 6399444848, Munument ada ki

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

Submitted by	M	lanks	1 24
A. Bragade	Internal Assessment and Report (20 Marks)	8.40	॥ ₹+6≠
20010(40202	Outcomes (10 Marks)	1	9
B. Tech	Final Presentation (10 Marks)		7
Completed / Not Completed	Total Marks	L.	‡
Por Poz Pos rou Pos Pou Range polisizas Course Facilitator with Date		0 4011 POx	1 PSO1 PSO12
	A. Bragade 200010(AO 202 B: TECh Completed / Not Completed PD1 PO2 PD3 IN PD8 PD4	A. Brogade Internal Assessment and Report (20 Marks) 200000(AO 2002 Marks) B: Tech Outcomes (10 Marks) B: Tech Final Presentation (10 Marks) Completed / Not Completed / Not Completed PD1 P02 P03 P04 P05 P04 P01 P01 P08 P01	A. Bragade Internal Assessment I and Report (20 Marks) 8.40 Second 8.40 Dutcomes (10 Marks) I B. Tech Final Presentation (10 Marks) Completed / Not Completed

Signature of HoD with Date

Roll No.	LONGLADIGL
Course Cade	LESES SOM
Title of the Course	: P. SPICE .

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

	Learni	4 2 2 7 7
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the lina!

NQ,	Description	Be	fore	Lean	ing [A	fler L	eami	na
1	The learner has pained as to the start as	11	2	3	4	1	2	3	4
<u> </u>	The learner has gained only theoratical knowledge						-	Ť	<u></u>
	He / She has gained shearefical & practical knowledge		5	i –		_		2	
-	 The learner has developed my Codion chilter 	17		-	-+	-			-
	D. The learner has developed a product.	1	_	—	-	-		_	-
	C. The learner has developed a system or process	1	_			_	~		
ď	9. Devalue nas developed his/hor problem activity - Little	-				_		~	
	 B. Ha/She has developed a computer based application 	-	_						~
đ	The learner bes developed a computer based application	1							7
Ť	f. The learner has developed a hardware opplication	-	- 7		-		1	-	-
	Any others, please specify						-	_	_
1									
T									
£									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

PSPIER markens withours 15 Ch. 4001 electronic clinaust dealgr Wed 400 and DAOLYSIX . is me Publice is you can gain a deep understanding of the circuit theory instuding concepte fuch as tes : + tore . Copac; dow . inductors. diedas operational amplitude OHMAN A * Patice LOY LOAMED to simulate the circuits and analyze the bahavelor petore physically implementing them. * Popter Provide aldwork you alout shooking and debugging circuity. P spice 9 analdra you to evaluate clicult Performance Matries such or Voltage levels autrovo thouse. power directedione, traquary analysis.

A R17/05/2023.

Sludent Signature with Date

NSRIT, Soniyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU **NSRI** INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks	
Name	A.POLIVINAY	Internal Assessment and Report (20 Marks)	۱ 8-53	" 9.47
Roll No.	20NUIA0203	Outcomes (10 Marks)		9
Program	B. Tech	Final Presentation (10 Marks)	4	10
Status of Completion	Completed / Not Completed	Total Marks	4	8
POLADIMENT	POT POZ POJ POJ POJ POJ	4 PO6 PO7 Pos PO8 PO	0 00 AND	13 14501 145012

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No.	: 20NUTA0203
Course Code	: 20EES64
Title of the Course	P SPICE

Learning Oulcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore L	eami	ing		After	Lean	ing
1	The second state of the se	1	2	3	14	1	2	3	4
-	I have gained only theoretical knowledge	~				Γ^{-}	1	i	10
	I have gained theoretical & practical knowledge	~	-				<u> </u>	+	1.2
	 a. Thave developed my Coding skills 		V					+.	1 ×
	b I have developed a product	+ +	~				-	<u> </u>	K
2	 c. Thave developed a system or process 		Ť					-	$\downarrow \gamma$
	 I have developed my problem solving skills. 	17		-					₽~
	e. Thave developed a computer based application	17				<u> </u>	-	1×	
	 I have developed a hardware application 	17				· · · ·	L	× I	+−
	Any others, please specify								í
з									
_									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Чα.	 Description 		fore	ean	ing	A	fler L	êâmi	na
4	71	1	2	3	4	$\lceil 1 \rceil$	2	3	4
1	The learner has gained only theoretical knowledge		-		r	<u> </u>		سر ا	╞
	He / She has gained theoretical & practical knowledge	-			<u> </u>	<u> </u>			⊢
	 The learner has developed my Coding skills 	10	<u> </u>				P.		Ļ
	b. The learner has developed a product	1			ļ	-	-	Г	
2	c. The learner has developed a system or process	1					Ľ.		
ĺ	d. He/She has developed his/her problem solving skills		<u> </u>		-			\sim	
	e. He/She has developed a computer based application	-				_	\sim		<u> </u>
	f. The Isamer has developed a hardware application	Ĩ	e		_ [4	
	Any others, please specify							\sim	

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> Pspice allows you to simulate circuit and analyse them behaviour before physically imp. lementing them. > p spice in a powerful software tool used for electronic circuit design and analysis. ~ By learning p.spice you can gain a deep understanding of circuit theory including concepts such as resistors apacitors, inductors, alloda, transistors and operational Amplifiers. -> Yes an learn various simulation techniques such as transient analysis, Ac analysis, DC sweep analysis, parameter sweeping, and Honte carlo analysis. Thuse techniques help You to understand circuit performance, Unitations

A-POL? UPracy 1315 123 Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU **INSTITUTE OF TECHNOLOGY** (AUTONOMOUS)

Linear resident John T. New Eastern All Language (NYLM), Male es i de 180 9004 180 1900 i 190 44004 Debied Indextori Recognized under 3/0 of the IAG Act 1958 5 Accredited by MAAC with 'A' Grede (3.16/4.00) ONTYAN, Pendurihi - Asanda 73. Ph : 9686924167, 5009-164646, awarnani adu in

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	A Aswini	Internal Assessment and Report (20 Marks)	1 8-64	11 8-45
Roll No.	20NU1A0205	Outcomes (10 Marks)	1 te	7
Program	B. Tech	Final Presentation (10 Marks)	9	
Status of Completion	Completed / Not Completed PD1 P02 P03 P04 P05 P04	Total Marks	ц. 11 ротт рота	7-

tor with Date

Signature of HoD with Date

Roll No.	-: 30N01A0&05
Course Code Title of the Course	SOFESON

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore L	earni	ing		Afler	Leami	ing
		1	2	3	4	1	2	. 3	4
1	I have gained only theoretical knowledge	V							
	I have gained theoretical & practical knowledge			-			I	6	
	 These developed my Coding skills 			†= —				-	·
	 I have developed a product 	.~		<u> </u>			~	· ·	
2	 I have developed a system or process 	~					-		
	d. I have developed my problem solving skills	~						~	.
	 I have developed a computer based application 	~						-	
	 Thave developed a hardware application 	~	i				~	-	
	Any others, please specify						-		
3	23 - EU								
-									

Learning Outcomes (Please tick appropriately based on the learners fearning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment

He / Sh a. Th	mer has gained only theoretical knowledge e has gained theoretical & practical knowledge te learner has developed my Coding skills te learner has developed a product		2		4	1	2	3	4
He/Sh a. Th	e has gained theoretical & practical knowledge te learner has developed my Coding skills	×				-	~	~	
<u>a</u> . Th	e learner has developed my Coding skills	2				-		~	-
<u>a</u> . Th	e learner has developed my Coding skills						-		
b. Th	e learner has developed a product						1		
		1.00		-		-	¥	1	
2 c. Th	e feamer has developed a system or process								
d. He	She has developed his/her problem solving skills	17					•	5	
e. He	/She has developed a computer based application	~			İ			-	
1. Th	e learner has developed a herdware application	\sim		i			- *		
Any of	ters, plaasa specify		1 1 2					1	

Note: The range 'f' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid tearning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By lowing paptie, I an gain devend valuable knowledge and skills nelated to consist simulation and analysis. pspile is a powerfall softwark tool used for electronic circuit design and analysis. By lowining pspile, I can fain a deep understanding of consist theolity, including concepts such as newspilling of consist theolity, including concepts such as newspilling, adjustics, inductions, diades, toonistics, and denational opianopsifiers. Som will leaven how to cheate and stimulate consist designs using there components.

I will lessin voscious annulation techniques, auch as toxinstant analysis, AC analysis, AC analysis, DC subject analysis, posiameters surrepring. These techniques telp to understand concurt periformance, lamitations. pspice is underly used in academic and the industry

the educational and peoplesional puespese.

A.Ascomi

Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY



(Advent by AC¹E. Nor Onli) Allian is BNU, Rabola ¹ An ED REI, ISB 5571 A 557 (A 557) (A 5

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks
Name	Ch. Chudamani	Internal Assessment and Report (#0 Marks)	I II 8.8 3.2
Roll No.	20NUHA0207	Outcomes (\$0 Marks)	19
Program	B. Tech	Final Presentation (10 Marks)	9
Status of Completion	Completed / Not Completed POI PO2 PO3 PO4 PO5 P	Total Marks	47 . 15 NOTE PEDE PEOTE

uhe Ram , 22/5/22 e Facilitator with Date Signature of

Signature of HoD with Date 2/5/23

Roll No.	ç	SOMULADOGO 7
Course Code	:	806EE 804
Title of the Course	;	PSPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Before Learning					After Learning				
•	Costal prior		2	3	4	1	2	3	4		
1	I have gained only theoretical knowledge	-									
	I have gained theoretical & practical knowledge	-	2					-			
	 I have developed my Coding skills 	~				\sim		~			
	 b. I have developed a product 	~						~			
2	c. I have developed a system or process	5					-		~		
	 I have developed my problem solving skills 		\checkmark								
	e. I have developed a computer based application	4	i								
	 I have developed a hardware application 	~		!				-			
	Any others, please specify										
:											
з											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolaggad pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

ND.	Description	Be	lare l	earr	After Learning				
HID.	- Description		2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~						~	
	He / She has gained theoretical & practical knowledge	5		<u> </u>				-	
	 The learner has developed my Coding skills 	~				<u> </u>			
	b. The learner has developed a product	14		-			~		
2	c. The learner has developed a system or process	1	~					~	
	d. He/She has developed his/her problem solving skills	~						6	
	 He/She has developed a computer based application 	~					~		
8 9	f. The learner has developed a hardware application	4						~	
	Any others, please specify								
3									

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – Meen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By Lessining pspile, you I can goin several valuation broutedge and skills selated to caract timulation and analyris. papers of a powerfull entrance tool used the electronic cisicuit destion and analysis. By knowning pspice, I can gain a deep understanding of Court theoly, including concepts auch as sesicity, atacity, Productors, diades and operational amplifiers. pspace allows to simulate concide and analyze theirs. behavious before thysically proplementing them. use will lesson vasibour simulation techniques, such all tevansient analysis, re analysis, ac succep analysis. There techniques help to undesidend cisiouit performance, Chostacteristics and similations. papers as whether many more the sugnational th 181 educational and ferofessional puoposes,

ch chudamari

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	M	arks
Name	ch. Janan'i	Internal Assessment and Report (20 Marks)	1 II 8-93 8-27
Roji No,	20NUIA0208	Outcomes (20 Marks)] 8
Program	8. Tech	Final Presentation (10 Marks)	8
Roll No. 20බා(AO 2-08	Total Marks	45	

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No.	;	20NU1 A0208
Course Code		20 69 504
Title of the Course	;	PSPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning					After Learning				
		1	2	3	4	, 1	2	3	4			
1	I have gained only theoretical knowledge	~	-					1,000	_			
	Thave gained theoretical & practical knowledge		11	†	<u> </u>		1					
	 Thave developed my Coding skills 			<u> </u>			i	~	<u> </u>			
	 I have developed a product 	~					· ·		-			
2	 I have developed a system or process 				-			~				
	 I have developed my problem solving skills 	∇			<u> </u>			V				
	 a. I have developed a computer based application 	V					- 22	~	- 23			
	 I have developed a hardware application 	1			:			\checkmark				
	Any others, please specify											
								55				
3												
Ĩ												
-												

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotaggad pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	After Learning						
			2	3	4	1	2	3	14
1	The learner has gained only theoretical knowledge	V	[:	~	
	He / She has gained theoretical & practical knowledge	~			i			٩.	\vdash
- 2	 The learner has developed my Coding skills 	1			<u> </u>		1	V	:
ľ	 The learner has developed a product 	1					~	į	i
2	c. The learner has developed a system or process	V						ī –	-
	d. He/She has developed his/her problem solving skills	~						~	-
	 He/She has developed a computer based application 	1	·						
_	 The learner has developed a hardware application 	~					1		
-	Any others, please specify								
3									
1									3

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. PSpice is a powerful software tool used for electronic circuit design and analysis. By learning Pspice, I can gain a deep under -standing of ascuit theory, including concep -13 such as resistors, capacitors, inductors, diades, transistors, and operational amplifiers. 2. I will leave how to create and simulate ascult designs wing these components. 3. I will lesson various simulation techniques such as transfert analysis, Ac analy \$3, a surep analysis, parameter surepring, and monte cosilo analysis. These technic -ques help you understand circuit. 4. PSpice is often integrated with Pspice during soft water, allowing to acate schematics, Day out files.

Ch. Janour Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Derved by 40°C, two DefetAlliant is 36764, Keiner, LANISCOM, 150 (100), 150 (400) Centre Houses) Recognized under 2(1) of the VOC Act 1959 if Accredited by MAAC with 1A' Grade (3.10/4.00) SONTTAM, Pendurin's Anandegersm Highway, Washingsinem - 531173, Ph.: 0605524167, 8000404640, www.eprij.eou.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks						
Name	D. Dinesh	Internal Assessment and Report (20 Marks)	1 1 9.07 8.13					
Roll No.	ZONDIAOZIO	Outcomes (10 Marks)	18					
Program	B.Tech	Final Presentation (10 Marks)	8					
Status of Completion	Completed / Not Completed	Total Marks	45 10 POIL PERT PROT					

Publichans. 2/524 for with Date

NSRIT

Signature of HoD with Date

Roll No.	: 20NUIAOGIC
Course Code	SOFESON :
Title of the Course	PSPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

h la	No Description		Before Learning				After Learning			
IND.			2	i 3	4	1	2	3	4	
1	I have gained only theoretical knowledge	~			8		~			
	I have gained theoretical & practical knowledge	ĺ				2		~		
	 I have developed my Coding skills 	[~~						V		
	b. I have developed a product	1		1					<u></u>	
2	c. I have developed a system or process	1						مر		
	 I have developed my problem solving skills 		~				<u>~</u>			
	e. I have developed a computer based application	~						~		
	 I have developed a hardware application 			i] :	5		
	Any others, please specify	76C								
	н — а о а									
3										
്										
10 . Ju										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

h.	n Description		Before Learning				After Learning				
NO.	Image: Description 1 The learner has gained only theoretical knowledge 1 The learner has gained theoretical & practical knowledge 2 The learner has developed a product 2 C. The learner has developed a system or process 3 He/She has developed his/her problem solving skills 9 He/She has developed a computer based application 1 The learner has developed a hardware application	1	2	3	4	1	2	3	: 4		
1	The learner has gained only theoretical knowledge	~					4				
	He / She has gained theoratical & practical knowledge							~			
25	 The learner has developed my Coding skills 	~							1		
	 The learner has developed a product 	1					~				
2	 The learner has developed a system or process 	~	4					*			
	d. He/She has developed his/her problem solving skills	1		-			1				
	e. He/She has developed a computer based application	~					1				
	 The teamer has developed a hardware application 	1	1				1	V			
	Any others, please specify										
3											

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By leasing popile, I am gain several valuable. knowledge and stills shelphed to carbot simulation and analysis. O papite is a powerfull coltware tool used for electronic cesait design and analysis. By leasning pspice, & can gain a deep underdanding , afterese us dout theman pribuding, where times to teansiters and appational amplifiers. The bound have to careate and dimulate concuit design a using these components. Spopte to widely used in acadamia and the industry for educational and perofessional previouses by leasing - popular, it is applicable in various fields, including electatical orginerating, electarianic design, preseasich and development, and poloduct design.

> D. Dunter Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks						
Name	Gi-Mani deepak	Internal Assessment and Report (110 Marks)	1 9.2	11 8-4				
Roll No.	201.10240211	Outcomes (10 Marks)		8				
Program	BIECH	Final Presentation (10 Marks)		8				
Status of Completion	Completed / Not Completed Poi Poz Pos Pos Pos Po	Total Marks	/	2 4 013 FBD1 PS012				

Pille fam 2 1023

Moerreat

Signature of HoD with Date

Roll No.	: 20M UIMD211
Course Code	20 EESO4
Title of the Course	Propile

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No	No. Description		Before Learning					After Learning			
	1 I have gained only theoretical knowledge 1 I have gained theoretical & practical knowledge a. I have developed my Coding skills b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application f. I have developed a hardware application	1	2	3	4	1	2	3	4		
1	I have gained only theoretical knowledge	1	1			i		~~			
	I have gained theoratical & practical knowledge			· -							
	 I have developed my Coding skills 	×					~				
	 b. I have developed a product 	~						+			
2	 c. I have developed a system or process 	~	-				~				
	 I have developed my problem solving skills 	~	1			1	i		**		
	e. I have developed a computer based application	~					~				
	 I have developed a hardware application 	7~		-			-	~			
	Any others, please specify										
							£11				
з	20							×.			
	(*)						32				
. U											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandalory" during assessment process However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learning				After Learning			
NO.	Description	1	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge	$\overline{\checkmark}$	*		1			1		
	He / She has gained theoretical & practical knowledge	~					*			
	a. The learner has developed my Coding skills	~	221		e 11			~	<u>`</u>	
i	 The learner has developed a product 	1					5			
2	 The learner has developed a system or process 	1							~	
	 He/She has developed his/her problem solving skills 	~~i						\checkmark		
3434	e. He/She has developed a computer based application	17					1			
-	 The learner has developed a hardware application 	~							~	
	Any others, please specify						_			
3										
×										
			1			35				

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By liaining popice, J com gain beveral valuable knowledge and brills substid to insult standation and analysts. "POPICE to a powerful politicare tool used for elutionic charit design and analysis. 3. By learning pspice. I can gain a deep undustanding of circuit theory, including concept back as geosstats, brandistats and operational amplifiers. o I will learn how to create and simulate consist disigning using these components H.PSPICE 16 widely used in acadamica and the industry for educational and pscofessional proposes. By harning pspice, it is applicable in various fields, tribuding electrical engineering, electronic dubign, subcasch and duvelopment and psoduct debign.

6. M. Drepak

Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

planned by ACTE, He- Deby ARTissé is APTAC Salvas I An 80 0001, 60 1901 5 50 (301) Centrel Indulan (). Restogetzed under 201 of the UOC Act 1938 5 Astrochied by MAAC with 'A' Canada (3, 1074 90) SONTYAM, Partnertte - Anandapartim Highway, VisioNapatrons - 531173, Ph 19585526167, 5000454546, wavement adu in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
Name	Gi. Solonivas	Internal Assessment and Report (20 Marks)	1 11 9.33 8.24						
Roll No.	20 NU140212	Outcomes (10 Marks)	t 8-						
Program	B. Tech	Final Presentation (10 Marks)	8-						
Status of Completion	Completed / Not Completed	Total Marks	45						
PDs. Addressed	PO1 PON PO3 HT4 PO5 PO4	POI 107 108 207 PO	0 POIL POIZ PRO1 PSO12						

Quela Rans settes ilitator with Date

Signature of HoD with Date 2.2 (512)

Roll No. : 20NU1A0102. Course Code : 20EE SOY Title of the Course : PSPICE

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				¹ Atter Learning				
NO.	Cescipion	1	2	3	4	1	2	3	4		
1	I have gained only theoretical knowledge	~					!	<			
	I have gained theoretical & practical knowledge					I	:				
	 I have developed my Coding skills 	\checkmark					i	1			
	b. I have developed a product	\checkmark					1				
2	c. Thave developed a system or process	\checkmark						~			
	d. Thave developed my problem solving skills	\checkmark									
	e. I have developed a computer based application	\checkmark						 Image: A set of the			
-	 I have developed a hardware application 	$\overline{\mathbf{v}}$		<u>_</u>				:			
	Any others, please specify										
	1.										
3	5.4										
2											

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is elso mandate and should be uploaded in LMS before the final assessment.

Description The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills	1	2	3	4	1	2	3	4
He / She has gained theoretical & practical knowledge						-		
							~	
a. The realiser has developed my bouiling and	1						~	
 The learner has developed a product 	~					5		-
c. The learner has developed a system or process	1							
 He/She has developed his/her problem solving skills 	~							
e. He/She has developed a computer basad application	1					1	1	
 The learner has developed a hardware application 	1					i	1	
Any others, pleaso specify	i nan							
	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application	f. The learner has developed a hardware application

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. PSPICE is a powerful software tool used for electronic circuit design and analysis. By leasn ing RSPICE I can gain a deep understanding of circuit theosy, including concepts such as suristors, capacitors, inductors, diades, transis -tess and operational amplifier. e PSPace allows you to simulate cruch and analysis their behavies before physically implementing them. 3. Pspice enables to evaluate crust perform -ance metalics such as whage level, crossent Hous, peuses dissignation. frequency reponse and noise analysis. 4. Component selection and pasameter opting -ation; PSPice allows we to relact and test various electronic componets in a Virtual envisionment.

Student Signalure with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

NameGI - DivyaInternal AssessmentIIINameGI - Divyaand Report (20 Marks)88Roll No.DOMUTAO 213Outcomes (10 Marks)17ProgramB-TE-CHFinal Presentation (10 Marks)7Status of Completed / Not Completed / NotTotal Marks44		Submitted by	Marks						
Roll No. JONU 1A0213 Marks) 19 Program B-TE-CH Final Presentation (10 Marks) 7 Status of Completion Completed / Not Completed Total Marks 44	Name	G1. Divya	and Report (20	8	1i 8-				
Program B-TE-CH (10 Marks) 7 Status of Completed / Not Completion Completed	Roll No.	20NU1A0213		19	A.				
Completion Completed Total Marks 44	Program	-		¥					
POWAddressed P01 P02 P03 P04 P05 P06 P04 P07 P01 P04 P03 P01 P012 P301 P301			Total Marks	44	F301 F3012				

/ alle acilitator with Date

Signature of HoD with Data

Roll No.	: JONUIADJIB
Course Code	20 EE50M
Title of the Course	P-SPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		Before Learning				After Learning				
ING.			2	3	4	1	2	В	4		
1	I have gained only theoretical knowledge	\checkmark]				
	I have gained theoretical & practical knowledge						1				
	 I have developed my Coding skills 	4.						×~			
	 b. I have developed a product 	~			:		~	ĺ			
2	 I have developed a system or process 	~							~		
	 I have developed my problem solving skills 	~						~			
	e. I have developed a computer based application	1						~			
	 I have developed a hardware application 	~							v .		
	Any others, please specify	1									
	201										
з											
5	2 X 2										
	W-										
									33 1		

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the finat assessment.

No.	Description		iore I	eam	ning	After Learning			
110.	Cescription	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~						· - /	
	He / She has gained theoretical & practical knowledge	~							
	 The learner has developed my Coding skills 	1							
	 The learner has developed a product 	~						\checkmark	
2	 The learner has developed a system or process 	~					1		
	 Me/She has developed his/her problem solving skills 	×							~
	e. He/She has developed a computer based application	V					V		
	 The learner has developed a hardware application 	1			-				~
	Any others, please specify			13					
3	10								
3									

Learners Descriptive Learning Outcomes (Learners are expected to write lan – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By hearing popule, I can got beveral valuable knowledge and skills related to circuit simulation and analysis.

1. Clearit Debign and Analysis:

PSPICE is a powerful boffware tool used for electronic circuit design and analysis. By learning PSPICE we can gain a deep understanding of irruit theory. including concepts such as subjects, capacities, inductor, diades transistor and operational amplifies. S. Simulation Techniques:

Popice allows you to simulate circuit and analyse This behavious before physically implementing them. 3 circuit performance Evaluation:

PSPICE enables you to evaluate drust performance metalos such as voltage divel, wherent flows, power dissipation, frequency subponse and notse analy 515.

El. Divila Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks								
Name	J. Abhok	Internal Assessment and Report (30 Marks)	8.27	ا 8-00						
Roli No.	20NUIA02US	Outcomes (10 Marks)	8							
Program	Влесн	Final Presentation (10 Marks)	9							
Status of Completion	Completed / Not Completed	Total Marks	4	5						
PO# Addressed	POI MO2 PO3 PO4 NOS PO5	POA POT POI POI POI PO	NS POSI PIP	a Papi Pable						
Signature of	Course Fecilitator with Date	Signatura o	HoD with D	= 24/51						

Roll No.	: 20MU1A0215
Course Code	:20EESDH
Title of the Course	: P-SPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description	Be	sfora L	earni	ng	After Learning				
тиџ.	Crescription		2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	1~		-		1		1		
	<u>I have gained theoretical & practical knowledge</u>		ļ							
	 I have developed my Coding stalls 	~				5		v -		
	 b. I have developed a product 	~				i	~	•		
2	 c. I have developed a system or process 	~				ĺ.		~		
	d. I have developed my problem solving skills	~					-	· · · -	~	
	e. I have developed a computer based application	\checkmark						~		
	f. I have developed a hardware application	~						-	~	
	Any others, please specify									
-										
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filed by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore (earr	dng	After Learning				
THUS.		1	2	3		1	2	3	4	
1	The learner has gained only theoretical knowledge	4						~	—	
	He / She has gained theoretical & practical knowledge									
	 The learner has developed my Coding skills 	~		_			~			
	 The learner has developed a product 	~		· ·				1		
2	c. The learner has developed a system or process.	\sim				<u> </u>			1	
	d. He/She has developed his/her problem solving skills	$\overline{}$								
	e. Ha/She has developed a computer based application	1					~			
	 The learner has developed a hardware application 	\sim						\sim		
	Any others, please specify									
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	_									
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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS) Please attech additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By heatning pspice, I can goin beveral valuable Knowledge and skills substed to arriver simulation and analysis. · circuit Disign and Analysis. PSPICE is a powerful boftware tool used for dationic crucies design and analysis. By learning BPICE we can goin a deep understanding of usual theory inducting commple such as neststas, capabilities inductor, diade transistics and operational amplifier. 2. Simulation Techniques: PSPICE allows you to simulat condensity their behavious before physically implementing them. 5 circuit performance Evaluations PSPICE enables you to evaluate consist poyomone metallis such as voltage level, accent flows, Power dissipation, frequency subponse and noise analysis.

J. SAAkote. Student Signature with Date

NSRIE INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks									
Name	K. Voonse Kerehna	Internal Assessment and Report (20 Marks)	1 8-4	॥ 8-13							
Roll No.	2000140216	Outcomes (10 Marks)		18							
Program	Bitech	Final Presentation (10 Marks)	9								
Status of Completion	Completed / Not Completed	Total Marks	45								
PCa Addressed	Por Por Por Por Por Po		1	2 PQ)1 PBC12							
Signature of	Course Facilitator with Date	Signature of HoD with Date 7-21512									

Roll No.	: 20NOIADL 6
Course Code	:20 RE 804
Title of the Course	P SHICE

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description		fore L	eami	ng	After Learning				
		11	_ 2	3	4	1	2	Э	4	
1	I have gained only theoretical knowledge								$\overline{}$	
	I have gained theoretical & practical knowledge	~				_	<u> </u>		~	
	 I have developed my Coding skills 		V			<u> </u>			~	
	 i have developed a product 		1				í –			
2	 I have developed a system or process 		\checkmark							
	 I have developed my problem solving skills 	~		-				$\overline{\mathbf{v}}$		
	 I have developed a computer based application 	~						$\overline{\checkmark}$		
	 I have developed a hardware application 	$\overline{\nabla}$		_				$\overline{\mathbf{v}}$		
	Any others, please specify									
3										
2										

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Gectagged pholos are needed and in case of online 'Recording is mandatory' during assessment process However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore l	.ean	ling	After Learning				
		1	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge	1						~		
	He / She has gained theoretical & practical knowledge			<u> </u>					[
	a. The learner has developed my Coding skills							~	-	
	b. The learner has developed a product	~			<u> </u>	<u> </u>			~	
2	c. The learner has developed a system or process	V	<u> </u>					~	—	
	d. He/She has developed his/her problem solving skills	~		1		-	·	-	~	
	 He/She has developed a computer based application 							~		
	 The learner has developed a hardware application 		-			-			~	
	Any others, please specify								-	
3										
a	T									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – tifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. Circult Design and Analytics 5 Pspice is a powerful software tool used tou electronic circuit design and analysic. perfile is you can goin a deep The understanding of deer un circuit theory including concepts such as resistors, carpacitions ladueton, diodee, transistons, operational amplition 2. Simulation rechnloyeds 129100 40 St wulad a allense you chrowith out a analyze the the. behavior before physically implementing them. Pspice Provides tode for troublasheding debugging aircubs, and analyza acrewit bahavior. You 4,10P botential issues, and optimize idendily partobutance. Chrowit Pople enables you to evaluate litered partornance matrice such as voltage kvole entrent flows, power dissipation, theorem and

H. Vome Historia 18/05/2023

Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ма	irks				
Name	k. Revothi	Internal Assessment and Report (20 Marks)	। 8.4	॥ 8-27			
Roll No.	20MU 1AOQ17	Outcomes (20 Marks)	18				
Program	B. Tech	Final Presentation (10 Marks)	e	7			
Status of Completion	Completed / Not Completed Poi Poi Poi Poi Poi Poi	Total Marks	4.				

Course Facilitator with Date Signature

PAGeened 23/2 21 Signature of HoD with Date

Roll No.	- Snort has 19
Course Code	20FESDY
Title of the Course	PSPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

	Description		fore L	eami	ng	After Learning				
No.	Description	1	2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	1						×		
Ξ.	I have gained theoretical & practical knowledge							 	<u></u>	
	 I have developed my Coding skills 	10					Y.	i		
	b I have developed a product	15					L	<u> </u>		
2	 c. I have developed a system or process 		~				5	:		
	 d. I have developed my problem solving skills 							·~		
	e. I have developed a computer based application	~					<u>~</u>			
	 I have developed a hardware application 	~		Ĺ	L			1		
	Any others, please specify									
3										
	0									
	123									
									-	

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

	Description		Before Learning			After Learning			
No.			2	3	; 4	1	2	3	4
1	The learner has gained only theoretical knowledge	i 🧹				!	~		
	He / She has gained theoretical & practical knowledge	<u> </u> +		4		1	-	~	[
	 The learner has developed my Coding skills 	~					-		
2	 The learner has developed a product 		<u>~</u>	L			~		i i
	c. The learner has developed a system or process	<u> </u>		<u> </u>	L	ĺ	مميا		
	 He/She has developed his/her problem solving skills 	V	V]		~	
	e. He/She has developed a computer based application	1	Ī						
	f. The learner has developed a hardware application	1					~		
3	Any others, please specify								

Learners Descriptive Learning Outcomes (Learners are expected to write len – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please

By leavining papice, I can gain several valuable inorphilling thereis at balater allight line applicant and analysis. a papice is a powerfull software tool used for electronic ciacuit design and analysis. O by lecontring peptite, & can goin a deep understan. ding of cacuit theirly including concept such as secretistics i tomored bus zational i zational llico & © leasin how to called and simulate 9399 prive pringtado timeo components, es widely used in ocodomia and the 10 pspice mountary for educational and peropersional perpeters. By loosining papile, it is applicable in ubudu ni fields, including electrical engineering relectronic dealer, successich and development, and product denon.

K. Revolui

Student Signature with Date

NSRIT NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Pepered by ALTE, New Edit I Alliability MTM, statemin 1 Ar 150 1021 5 45 4 451 5 450 4 101 5 Genter manage Recognized under 2(1) of the IASC Act 1956 I Accessibled by MAAC with 1A' Grade (2,1944.00) BOHTTEN, Perebutike Accessionment Highway, MaaAcapanam (339175, Ph : 0655124107, 0005134548, statement), educat

Assessment Report Skill Oriented Course

Academic Year 2022 ~ 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks										
Name	ne K. Sai Chasan and Report (10 Narks)			॥ 8-5								
Roll No.	20NU140218	Outcomes (10 Marks)	19									
Program	BJECH	Final Presentation (10 Marks)		9								
Statue of Completed / Not Completion Completed		Total Marks	47									
PCs Adamated	P01 P00 P03 P04 P05 P	06 P06 200 P04 P06 PC	119 PD11	P012 P301 P3013								
leut	Course Facilitator with Date	- Rac	Juni	9-22/5/								
Signature of	Course Facilitator with Data	Signature of	Signature of HoD with Date									

Roll No.	:20NU1A0218
Course Code	: 20EE504
This of the Course	P-SPICE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

			line L	earni	ng	After Learning					
No.	Description	1	2	3	1	1	2	3	4		
1	I have gained only theoretical knowledge	$\mathbf{\nabla}$					_	~			
	I have gained theoretical & practical knowledge					<u> </u>		<u> </u>			
l	 a. 1 have developed my Coding skills 	-~					<u> </u>	~	_		
1	 b. I have developed a product 	~	<u> </u>		<u> </u>		<u> </u>				
2	 have developed a system or process 	~		<u> </u>		<u> </u>			200		
	d. I have developed my problem solving skills	~	1		<u> </u>	20		×.			
	e. I have developed a computer based application		1			<u> </u>		<u> </u>	1		
	 I have developed a hardware application 	~				I			Y -		
<u> </u>	Any others, please specify										
ļ											
1											
3											
1 2											

Learning Outcomes (Please lick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or ottline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

	No. Description		Before Learning				After Learni			
ND.			2	3	4	1	2	3	- 4	
1	The learner has ganed only theoretical knowledge	-						~		
	He / Sha has gained theoretical & practical knowledge	1				_				
	a. The learner has developed my Coding skills	<u> </u>		<u> </u>				~		
	 b. The learner has developed a product 	~			<u> </u>	<u> </u>	×	<u> </u>		
2	c. The learner has developed a system or process	~						~~		
	 He/She has developed his/her problem solving skills 	~					<u> </u>		\sim	
I 1	e. He/She has developed a computer based application	Ý						~		
1	 The learner has developed a hardware application 	1			1				~	
	Any others, please specify									
1,2										
1 3										
]									

Learners Descriptive Learning Outcomes (Learners are expected to write ter – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please

1. Citust Design and Analytis: PSPICE is a powerful software tool used for electronic circulat design and analysis. By learning PSpice you can gain a deep understanding of insuit theory, including concepts buch as presisters, capacities, inductor, diodes, bransistors and operational amplifier 2. Simulation Techniques: PSPICE allocate you to simulate discusts and analyze Their behaviour before physically implementing them. 3. Citual performance Evaluation: PSPICE enables you to evaluate clust performance metally buch as voltage level, wrent flows, Power derstpatton, frequency suspense and notice analysis. 4. Component Selection and pasameter Optimization: PSPICE allows use to beliet and lest useTous electionic components in a visitual envisionment

K. Sai Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks									
Name	K. Una Hahushwar	Internal Assessment and Report (20 Marks)	1 9.38	II 8-67							
Roll No.	20NUIA0219	Outcomes (10 Marks)	19								
Program	B. Tech	Final Presentation (10 Marks)	9								
Status of Completion	Completed / Not Completed	Total Marks	4	47							
POs Addressed	Man PO2 PO3 MC4 PO1 PO	POL POT POB POS PO	a port po r	13 PRM 49041							

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No.	: 20ND/A0219
Course Code	: 20EESO4
Title of the Course	* PSPICE

Learning Dutcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description		viore L	eami	ng_	After Learning				
ΨΟ.			2	3	4	1	2	3	4	
1	I have gained only theoretical knowledge	\sim						\checkmark	1	
2	I have gained theoretical & practical knowledge	\sim			1				~	
	 a. I have developed my Coding skills 	\checkmark							\sim	
	 b. Thave developed a product 	\checkmark	.				•		V	
	 I have developed a system or process 		\checkmark			1		\checkmark		
	 I have developed my problem solving skills 		\sim						\checkmark	
	e. I have developed a computer based application		\sim						\sim	
	 I have developed a hardware application 	\checkmark					1		\sim	
	Any others, please specify									
3	5 8									
	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandalory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		Before Learning					After Learning				
ηψ.	C 222010011	1	2	Э	4	1	2	3	4			
1	The learner has gained only theoretical knowledge	$\langle \checkmark \rangle$										
	He / She has gained theoretical & practical knowledge				ļ		с					
	 The learner has developed my Coding skills 	4						5				
	 The learner has developed a product 	-										
2	 The learner has developed a system or process 	~						~				
	 He/She has developed his/her problem solving skills 											
	e. He/She has developed a computer based application	~										
	 The learner has developed a hardware application 	~						~				
7	Any others, please specify											
3												

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in lifeir OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

a powerful Software tool used -> Papice in for electronic circuit design and analy-212 you to simulate circuit and analys. > P spice allows the behaviour before physically implementing them . -> By learning p spice you an gain a deep understanding of circuit theory. including concepts kuch at resistor capacitors, inductors, alide , transistors and operational Amplices. → you can learn various simulation techniques such as transient analysis, Ac analysis, DC sweep analysis, parameter sweeping, month tarlo analysis

K. Vna Herehrow. Student Signature with Date



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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Martis								
Name	M. Lokesh	Internal Assessment and Report (20 Marks)	1 8-23	II 8-47-						
Roll No.	20NU 1A 0220	Outcomes (\$0 Marks)	Ł	‡						
Program	B. Tech	Final Presentation (10 Marks)	٤	3						
Status of Completion Pointdenessed	Completed / Not Completed P03 P07 P03 P04 P04 P04	Total Marks	41 HD PO11 FO1	z P901 P8012						

Signature of HoD with Date

Roll No.:: 20NU LA 0220Course Code: 2066 \$04Title of the Course: P3PIC6

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No.	Description		efora L	ââm	ing	After Learning				
TAD.			2	3	4	٤	2	3	4	
1	I have gained only theoretical knowledge	÷√			:		! !	V	:	
	I have gained theoretical & practical knowledge	i		ļ	i					
	 I have developed my Coding skills 	~				_	4	~		
	b I have developed a product	1					~			
2	c. I have developed a system or process	~						1		
	 I have developed my problem solving skills 						\checkmark			
	 I have developed a computer based application 	\checkmark						1		
	 I have developed a hardware application 		-				1			
	Any others, please specify					100				
3										
	10 M M									
	8									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Description The learner has gained only theoretical knowledge te / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills		2	3	4	1	2	3	4
le / She has gained theoretical & practical knowledge						· · ·		-
			÷ —			1	-	
a. The learner has developed my Coding skills			1				*	<u> </u>
	~					5		
 b. The learner has developed a product 	\checkmark				1		\sim	
 The learner has developed a system or process 	\checkmark					~	6	
d. He/She has developed his/her problem solving skills	1			:			\sim	
e. He/She has developed a computer based application	1						\checkmark	
f. The learner has developed a hardware application	\checkmark							
ny others, please specify								
	 c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application 	 c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application 	 c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application 	c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ f. The learner has developed a hardware application ✓	c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ f. The learner has developed a hardware application ✓	c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ f. The learner has developed a hardware application ✓	c. The learner has developed a system or process ✓ d. He/She has developed his/her problem solving skills ✓ e. He/She has developed a computer based application ✓ f. The learner has developed a hardware application ✓	c. The learner has developed a system or process ✓ ✓ d. He/She has developed his/her problem solving skills ✓ ✓ e. He/She has developed a computer based application ✓ ✓ f. The learner has developed a hardware application ✓ ✓

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. By learning PSPRE, I can gain several valuable knowledge and skills related to cruet semulation and analysis. 2. Pspice is a powerfull software teal used for electronic craft design and analy sis, 3 By learning pspace, I can gain a deep under -standing of circult story, including concert such as overlators, transisters and operation - al amplifiers. 4. Rwill learn how to create and simulate circuit desiging using this components. 5. PSPRe is widely used in academic and the endustry for educational and exofession -nal purposes. By learning PSPice, it is applicable in vorious fields, induding electrical engineering and duelopment.

M. Lokerh Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Mar	ks	
		Internal Assessment	Ι	II
Name	N. Dirgo and Report (20 Marks) & & & & & & & & & & & & & & & & & & &		2	a
Roil No.				
Program				8-
Status of	1 C	Total Marks		44
Completion PD Addressed	×	PD6 P07 P01 P08 P01H	P011	PONJ PEON MODS

Signature of Course Facilitator with Date

Signature of HoD with Data

Rolf No.	SOULDORS !
Course Code	Page 6504
Title of the Course	PSplce

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

No.	Description	Be	fore l	.eamj	n g	After	Leemi	ng
		1	2	: 3	4	1 2	3	4
1	I have gained only theoretical knowledge	5		;		1.		
	I have gained theoretical & practical knowledge	1						
	 I have developed my Coding skills 	ľ	~		<u> </u>			
	 I have developed a product 						~	
2	 c. I have developed a system or process 		~			~		
	 I have developed my problem solving skills 	1		i				-
	e. I have developed a computer based application							
	 I have developed a hardware application 	~						
	Any others, please specify							
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З.								
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-								
	· · · · · · · · · · · · · · · · · · ·				_			

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotaggad photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description		fore l	.earr	ing	After Learning				
	·	1	2	3	; 4	1	2	3	4	
1	The learner has gained only theoretical knowledge	-					~		-	
	He / She has gained theoretical & practical knowledge	~			· ·		~			
	a. The learner has developed my Coding skills		~							
	b. The learner has developed a product						-	-		
2	 The learner has developed a system or process 	2	<u> </u>	• 			1			
	d. He/She has developed his/her problem solving skills	1-					ſ	~		
	e. He/She has developed a computer based application	-								
1	f. The learner has developed a hardware application	-					~			
	Any others, please specify									
0.2	N									
	~									
3										
- 1										

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

L CERCUIT destrine and analysis: pspice is a powerfull software tool used for electronic cercuit destrin and analysis. By booming pspice to a can gain a deep understanding of concepts such as remisters, concepts such as remisters, concepts, inductors, dioded, towaristors and operational amplifier.

pspice allow gov to simulate and analyse and analyse there is behaviour by the physically implementing them. There enables you to evaluate and the performance of th

No Student Signature with Date

NSRIT, Soniyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arke
Name	N. Ramesh	Internal Assessment and Report (20 Marka)	I II 8-53 8-67
Roll No.	20NU1A0222	Outcomes (10 Marks)	(\$
Program	B.TEC#	Final Presentation (10 Marks)	8
Status of Completion	Completed / Not Completed P01 P02 P03 P04 P05 P04	Total Marks	4 4 18 PO31 PO13 PSEI P6012

Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No.	; acnulhoaa
Course Code	: <i>306</i> 6504
Title of the Course	P-SPKE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

No, :	Description	B	fore L	eam	ing		After	Leam	Ing
	· · · · · · · · · · · · · · · · · · ·	1	2	3	4	1	2	3	4
1	have gained only theoretical knowledge							5	
L	have gained theoretical & practical knowledge			1					
[I have developed my Coding skills 	~		;				~	
[b. I have developed a product			[1	~		1
2	 Lhave developed a system or process 	~			<u> </u>	1 !:::	1	**	
	 I have developed my problem solving skills 	~					~		
	 I have developed a computer based application 	~				í	i		10
	 I have developed a hardware application.¹¹ 	1			-		/		
	Any others, please specify								
ļ									
аі									
100	X								
								37 M.	

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore l	ean	After Learning				
		1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~			!			5	
÷33	He / She has gained theoretical & practical knowledge		0						
	 The learner has developed my Coding skills 	~			i		1		
	b. The learner has developed a product							~	
2	 The learner has developed a system or process 				_			~	
	 He/She has developed his/her problem solving skills 	~			11.				~
	e. Ha/She has developed a computer based application	~					~		-
	 The learner has developed a hardware application 	~						~	
	Any others, please specify								
3									
Ĵ									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – Sifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By learning popule, I can gain betread valuable knowledge and sulls related to clought simulation and analysis. 1 popule 16 a powerful before lool used for dutaonic circuit design and analytis. By learning popule, I can gain a deep unduktand ing of citude theory, including concept buch as sublistics, transistors and operational amplifiers. 5. I will leave how to treat and semulate cloust dusigning using these components. H. PSPILE 15 widely used in acadamia and the industry for educational and professional purposes. By learning PSPICE. It is applicable in nograus fields. Including electrical engineering - dectronic debign, research and development and product destign

N. Ramesh

Student Signature with Date

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Detremity ACIS, Nor Only I Alliand in ARUS, Edwards I An 80(10), 50(140) 5:00(250) Capton synappy) Recognized under 2(1) of the UGC Act 1966 I Accredited by NAAC with 'A' Grade (3.10/4.00) SOMITAN, PenderVit - Anandeourse Highway, Yeshinanzinen - 531173, Ph : 0681624167, 8093-646468, www.numbedu.in

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	irks
Name	P. Uday Srinivas	Internal Assessment and Report (10 Marks)	1 II 8.5 8.4
Roll No.	20MUIA0223	Outcomes (20 Marks)	17
Program	B. Tech	Final Presentation (10 Marks)	8.
Status of Completion	Completed / Not Completed	Total Marks	4 4

se Facilitator with Date

Signature of HoD with Date

Roll No.	20NUIA0223
Course Code	206£ SOM
Title of the Course	E PSPICE

Learning Outcomes (Ploase tick appropriately based on your course) (Self-Assessment)

No.	Description		store	Leami	ing	After Learning				
190.	Description	1	: 2	3	4	1	2		4	
1	I have gained only theoretical knowledge	\checkmark						\sim		
	I have gained theoretical & practical knowledge	V	-						\sim	
	 I have developed my Coding skills 		V.				ļ		V	
	 b. I have developed a product 	×	L					\checkmark		
2	 I have developed a system or process 	\mathbf{Y}			1				~	
	 I have developed my problem solving skills 	¥		:					V	
	e I have developed a computer based application	1							V	
	 I have developed a hardware application 	15	1		i				V	
	Any others, please specify									
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offine or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Nn	Description		Before Learning					After Learning				
Np. 1 2 3	Classifyion	1	2	3	4	1	2	3	4			
1	The learner has gained only theoretical knowledge	~	Í					4				
	He / She has gained theoretical & practical knowledge	Ţ				i		-				
	 The learner has developed my Coding skills 	1	[~				
	b. The learner has developed a product	1							v			
2	c The learner has developed a system or process	1				l			v			
2	d. He/She has developed his/her problem solving skills	1						~				
	e. He/She has developed a computer based application	~							~			
	 The learner has developed a hardware application 							5				
	Any others, please specify							50.A				
2												
	12 C											
	10 C											

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills; knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

-> By learing pspice you can grain a deep understanding of circuit theory, including concepts relitors Capacitors, Inductors, dides, such at and Op-Amplitier. Anonsiston -> You can learn various analysis. Ac analysis, pc Swap analysis, parameter swapping, Monte carlo analysis, these techniques help you to understand circult Performance, characteristics, Unitations -> p-spice allows you to simulate circuit and analyse their behavious before physically Implementing them. -> P spice in a power ful tool used for eled which circuit design and analysis.

P. Uby Stand 13/6/23 Student Signature with Date

NSRIT, Soniyam, Visakhapatham 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
Name	o the ender	Internal Assessment	1	El
Name	P. Yesmi Boliny	and Report (20 Marks)	8-8-	8.9
Roll No.	SONDIADARY	Outcomes (10 Marks)	10	5
Program	Brech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed	Total Marks	43	
PDs Addressed	PO1 PO7 PO1 PO4 PD5 POH	POH POT POH POH POH	• PO11 P013	2 PSQ1 PSQ12

lule fan 22/22/23

Signature of HoD with Date

Signature of HoD with Date

Roll No.	YGGOAIULAOGO :
Course Code	+ 0223305 F
Title of the Course	PSPLOE

Learning Outcomes (Please Nox appropriately based on your course) (Self-Assessment)

	Desideting	 B e	eam	ng	After Learning				
No.	Description	1	2	3	4	1	2		4
1	I have galned only theoretical knowledge			:			~		_ ·
	I have gained theoretical & practical knowledge	1		į				***	
	a. I have developed my Coding skills	~				1		مر أ	
	b. I have developed a product]]			~		
2	 c. I have developed a system or process 						4	1	
ļ	 i have developed my problem solving skills 	~							
	e. I have developed a computer based application	v					مر		
	 I have developed a hardware application 	~					~		
	Any others, please specify								
3		2							
	2. C								
	3								

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description		fore l	eam	ing	After Learning			
NŲ.	Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge							~	
	He / She has gained theoretical & practical knowledge							2	
	 The learner has developed my Coding skills 								1
	b. The learner has developed a product	~~~							1
2	c. The learner has developed a system or process]	~	
	d. He/She has developed his/her problem solving skills	~			[]	~	
	e. He/She has developed a computer based application	~					~		
	 The learner has developed a hardware application 	~						\checkmark	
3	Any others, please specify								

Learners Descriptive Learning Outcomes (Learners are expected to write len – filteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

Design and Analysis: 1. CI91007 a powerful software tool used for elect-PSPICE PS cousit design and analysis by PSPICE (Costa)ng Some WEAT - HUDEO Hor Can opin a deep undearstanding concepts that as prenetal, capacitar, th cluding resitiven lanatoedo bro zistizianat-, idado , zistoulari 2 smulldion Techniques: you to amulate ascuits and analyse

Aspice allows you to annually implementing them. Theis whavious before physically implementing them. 3. Concuit performance evaluation:

pspice enables you to evoluate certainit performances metarics such as voltage level, warrent flows, pawar description, preaking anatonse and noise analysis. 4. Component-selection and populates optimisation: pspice allows to select and test voltaw components

p. Hoom Boph

Student Signature with Data

AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks							
	0 1 0 0	Internal Assessment	I	II					
Name	S. Jabanthi	and Report (30 Marks)	9.07	8.73					
Roli No.	20NU140225	Outcomes (20 Marks)	t	9					
Program	₿ <i>-</i> тесн	Final Presentation (10 Marks)	9						
Status of Completion	Completed / Not Completed	Total Marks	4	7					
POs Adererani	P01 P07 P01 P04 P04 P01	POI POI POI POI PO	10 PO(1 PO	17 PSD1 PSD12					
last	Course Facilitator with Date	_FX	Denado	221572					
Signature o	Course Facilitator with Date	Signature of	HoD with D	ate					

Roll No.	:	20NV140225
Course Code	1	2DEESOH
Tille of the Course	:	р-зрк∈

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Mo	Description	86	afore L	еаті	ng		Añler	Rer Learni 2 3 	ng
No. Description Balore Let 1 I have gained only theoretical knowledge - - 1 I have gained only theoretical knowledge - - 1 I have gained theoretical & practical knowledge - - 2 I have developed my Coding skills - - 2 I have developed a product - - 2 I have developed a system or process - - 2 I have developed a computer based application - - 2 I have developed a computer based application - - 3 I have developed a hardware application - -	3	4	1	2	3	4			
1	I have gained only theoretical knowledge	~						~	
	I have gained theoretical & practical knowledge								
	 I have developed my Coding skills 	~						*	
	 I have developed a product 	\sim				· · ·	~		
2	 I have developed a system or process 	4							\checkmark
	d. I have developed my problem solving skills	\checkmark						\sim	
	e. I have developed a computer based application							×*	
	 I have developed a hardware application 	\sim							\sim
·	Any others, please specify								
3									
3									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No.	Description	Be	fore l	.eam	ilng	A	fter L	eaml	ng
PART	Description 1 The learner has gained only theoretical knowledge 1 The learner has gained only theoretical knowledge 1 The learner has gained theoretical & practical knowledge 2 a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a bardware application f. The learner has developed a bardware application	1	2	3		1	2	3	4
1	The learner has gained only theoretical knowledge	\sim				1	1	$[\checkmark]$	
	He / She has gained theoretical & practical knowledge	~	:					[
	 The learner has developed my Coding skills 	~	[· -				~	
	b. The learner has developed a product	~		1		1	l	~	- · · ·
2	 The learner has developed a system or process 	4		1]	[~
	d. He/She has developed his/her problem solving skills	~	—			[1		
	 He/She has developed a computer based application 	\sim							~
	 The learner has developed a bardware application 	~						Ś	
	Any others, please specify								1
3									
Ŭ	_								
									E

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development galned through this course in their OWN WORDS) Please effect additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By Learning PopicE, J can gain several valuable knowledge and skills gulated to cruch simulation and analysis. " assure Design and Analysis: PSPICE TS a powerful software tool used for electronic circuit design and analysis by learning Pspice we can goin a dup understanding of client theory, including concepts buch as resistors, capacities. Inductor, diades transistics and operational amplities 2. Simulation Techniques: PSPICE allows you to simulate discuits and analyse Their behaviour before physically implementing them. 3. Church Performance Evaluation: PSPICE enables you to evaluat usual performance metaich such as voltage level. current flocos, Power dessipation, prequency response & noise analysis H. Component belietton and parameter Optimization: Popies allows we to beliet and test various electronic components in a visitual invisionment.

S. Vasanti

Student Signature with Date

NSRIT, Soniyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU NSRI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Characteristics ACTY, New Deliver Although to APTUM, Katalania II An 450 (2017) (50) 14001 & 600 40011 Carolinal Internation Recognized under 2(1) of the UGC Act 1986 & Asseed ted by HAAC with 'A' Great (3, tore ac) VesiJepalnem - 531173, Ph : 0563624167. 5080464640, www.mmL.odu.in SONTYAM, Perdentite - Anendana

Assessment Report **Skill Oriented Course**

Academic Year 2022 - 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	rks	
Name	.S. Yugandhax	Internal Assessment and Report (10 Marks)	I I	
Roll No.	RONULADBAG	Outcomes (10 Marks)	18	
Program	Brech	Final Presentation (10 Marks)	8	
Status of Completion	Completed / Not Completed #01 #07 #03 #04 #06 #08	Totai Marks	4 ₹ P011 P012 P801 P80	и2

leuhakan selstre Signature of Course Facilitator with Date

Signature of HoD with Date

Roll No.	- SONVIAODO
Course Code	P023300
Title of the Course	PSpice

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

	B		efore L	eaml	Πĝ	After Learning				
No.	Description	1		3	4					
1	I have gained only theoretical knowledge	-						-		
	I have gained theoretical & practical knowledge							1		
2	 I have developed my Coding skills 	5			L				5	
	 b. I have developed a product 	100						<u>~</u>	1	
	 I have developed a system or process 	•	-			<u></u>	<u> </u>		1	
	 I have developed my problem solving skills 	200			L	<u> </u>		~	-	
	 I have developed a computer based application 	~						~		
	 I have developed a hardware application 	6						4		
	Any others, please specify									
3										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandalory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

	Description		fore	Learr	ing	After Learning				
No.	Description	1	· 2	3	4	í 1	2	3	4	
1	The learner has gained only theoretical knowledge	\sim		1			1			
	He / She has gained theoretical & practical knowledge	4]			:	~			
	 The learner has developed my Coding skills 	1			, v	:		-		
	 The learner has developed a product 	6				ĺ			-	
2	 The learner has developed a system or process 	6						6		
	d. He/She has developed his/her problem solving skills	-					-		L	
	e. He/She has developed a computer based application	1					į	4		
	 The learner has developed a hardware application 	1	-		!			-		
	Any others, please specify									
3										

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

By looming pspice, I can gain several valuable thousedge and skills selated to ascult simulation and analysis. O claust been and Analysis. Replice is a powerful adjutation tool used the electronic concert design and analysis. By leasing papice, your s Can gath a deep undoustanding of concert theoly concepts such as sneristals, capacitas, anductas etc. Dispire percenter tools that teoublechasting and debugging CARLIER. I can analyse concuit behavious, edentify potential essues, and optimize concuit polyamance. 3) paper can help to understand the statementip between concert design and the layout, ensualing tower bardbar assigues by our Alexandre points have during the physical Indementation of the Couch, and development, and pseduct design.

> S. yugandhan Student Signature with Date

NSRIT, Sontyam, Visakhapatnam 531 173, AP

AUTONOMOUS)



Degree y ACTL No Date I Albert & Mile Set I Albert & Mile Set I ACT ACT AND A SET 450 AND A Set

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
		Internal Assessment	1	IL
Name	Y. Naga Sownya Stae	and Report (20 Marks)	8-93	9.04
Rall No.	20NU(A0227	Outcomes (20 Marks)	t	9
Program	B. Tech	Final Presentation (10 Marks)	8	7
Status of Completion	Completed / Not Completed	Total Marks	47	+
POs Addressed	PE1 P02 P03 P04 P06 P0	S POS PO7 PON PON PO	DIO POLI POL	2 PSQ1 PSQ12

litator with Date

Signature of HoD with Date

Roll No.	;	20201140227
Course Code	:	2066204
Title of the Course	;	PSPICE

Learning Outcomes (Please tick appropriately based on your course) (Seti-Assessment)

hte	Description		lore L	eami	пĝ	After Learning				
No.	Description	1	2	3	4	1	2_	3	4	
1	I have gained only theoretical knowledge			:					[
	I have gained theoretical & practical knowledge			!						
	a. I have developed my Coding skills	\checkmark			1.1			100		
	 b, I have developed a product 	~		L.			\checkmark	<u> </u>		
2	 I have developed a system of process 	~						~		
	d. I have developed my problem solving skills	$\mathbf{\nabla}$						1		
	e. I have developed a computer based application	∇						<u>~</u>		
	 I have developed a hardware application 	[~]					~	1		
- 22	Any others, please specify									
	19 C									
	2									
3										
- <u> </u>										

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through ordine or offline or bolh the mode). Geolagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Danaginian		iore_l	99 M	After Learning				
Description Before Learning Aft 1 2 3 4 1 The learner has gained only theoretical knowledge	2	3	4					
The learner has gained only theoretical knowledge							~	
He / She has gained theoretical & practical knowledge								
 The learner has developed my Coding skills 	1						\sim	
 b. The learner has developed a product 	V	!				~		
c. The learner has developed a system or process	1							
d. He/She has developed his/her problem solving skills	~			l				
e. He/She has developed a computer based application	V							
 The learner has developed a hardware application 	$\mathbf{V}_{\mathbf{v}}$						[
Any others, please spacify						2		
					2 ⁸			
2. //								
	The learner has gained only theoretical knowledge He / She has gained theoretical & practical knowledge a. The learner has developed my Coding skills b. The learner has developed a product c. The learner has developed a system or process d. He/She has developed his/her problem solving skills e. He/She has developed a computer based application f. The learner has developed a hardware application	Description 1 The learner has gained only theoretical knowledge 1 He / She has gained theoretical & practical knowledge 1 B. The learner has developed my Coding skills 1 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 f. The learner has developed a hardware application 1	Description 1 2 The learner has gained only theoretical knowledge 1 2 He / She has gained theoretical & practical knowledge 1 2 B. The learner has developed my Coding skills 1 1 2 b. The learner has developed a product 1 1 1 2 c. The learner has developed a product 1 1 1 1 1 c. The learner has developed a system or process 1	Description 1 2 3 The learner has gained only theoretical knowledge 1 He / She has gained theoretical & practical knowledge 1 a. The learner has developed my Coding skills 1 b. The learner has developed a product 1 c. The learner has developed a system or process 1 d. He/She has developed his/her problem solving skills 1 e. He/She has developed a computer based application 1 f. The learner has developed a hardware application 1	Description 1 2 3 4 The learner has gained only theoretical knowledge 1 2 3 4 He / She has gained theoretical & practical knowledge 1 2 3 4 He / She has gained theoretical & practical knowledge 1 2 3 4 B. The learner has developed my Coding skills 1 <td< td=""><td>Description 1 2 3 4 1 The learner has gained only theoretical knowledge 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1</td><td>Description 1 2 3 4 1 2 The learner has gained only theoretical knowledge 1 2 3 4 1 2 He / She has gained theoretical & practical knowledge 1 2 3 4 1 2 B. The learner has developed my Coding skills 1<</td><td>Description 1 2 3 4 1 2 3 The learner has gained only theoretical knowledge</td></td<>	Description 1 2 3 4 1 The learner has gained only theoretical knowledge 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1 1 2 3 4 1 He / She has gained theoretical & practical knowledge 1	Description 1 2 3 4 1 2 The learner has gained only theoretical knowledge 1 2 3 4 1 2 He / She has gained theoretical & practical knowledge 1 2 3 4 1 2 B. The learner has developed my Coding skills 1<	Description 1 2 3 4 1 2 3 The learner has gained only theoretical knowledge

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

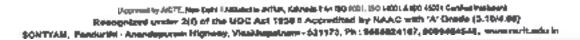
. By learning PSPice, I can gain several valually knowledge and skills related to circuit simu -lation and analysis. pspice is powerful settuare tool used for electronic arcuit design and analysis. 2. By Lesonning Repice, I can gain a deep understanding of circuit theory, including concepts such as presso toxs, transistors, and operational amplifless. 3. a will learn how to create and simu -late accust designs using these componets 4. Pspice is widely used in acadamia and The andustry for educational and profession -al purposes. By laorning pspice, it is applicable in workous fields, induding electrical engineering, and development.

Y. Noga Sowmya SHEE

Student Signature with Date



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Marks										
Name	B. psuyanka	Internal Assessment and Report (20 Marks)	1 8-93	⊪ 9.07								
Roll No.	P 21NU 5A OAOI	Outcomes (10 Marks)	Į.	7								
Program	Brech	Final Presentation (10 Marks)	9									
Status of Completion	Completed / Not Completed	Total Marks	4	; .								
POs Addressed	POI PO2 PO3 PO4 PD6 PC	POL POJ POL PON P	0 P011 P0	12 PSO1 P\$012								
Signature o	Course Facilitator with Date	- Rignature d	of HoD with D	2/5/28 ate								

Roll No. : 34 NU 5P 0201 Course Code : 80EE-804 Title of the Course : PSPICE

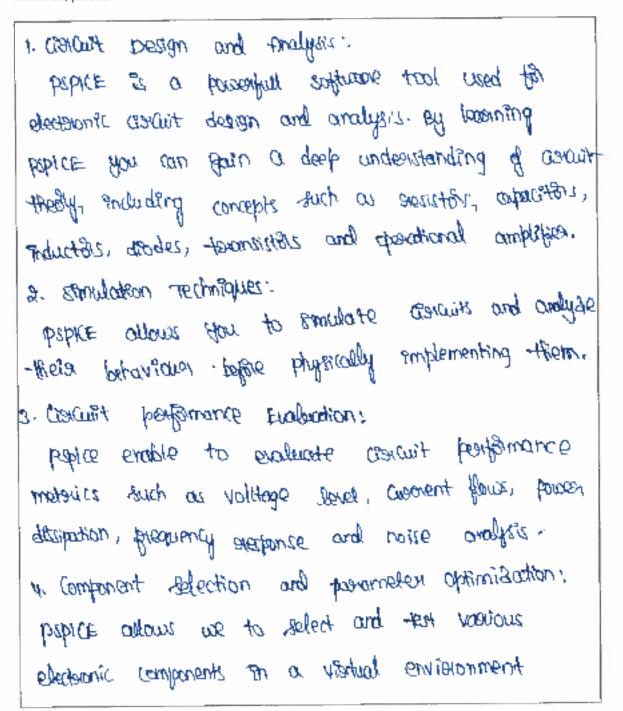
Learning Outcomes (Please tick appropriately based on your course) [Self-Assessment]

	Be	fore L	eamí	ng	After Learning					
Description	1	2	3	4	1	2	3	- 4		
I have gained only theoretical knowledge	10					~				
I have gained theoretical & practical knowledge							~			
a. Thave developed my Coding skills		2	1			1	-			
 b. I have developed a product 	5				\square	~				
c. I have developed a system or process						~	-			
d. I have developed my problem solving skills								 		
 e. I have developed a computer based application 	V	l		<u> </u>		6				
 I have developed a hardware application 	V					-	· ·			
Any others, please specify										
	 b. I have developed a product c. I have developed a system or process d. I have developed my problem solving skills e. I have developed a computer based application f. I have developed a hardware application 	Description 1 I have gained only theoretical knowledge ✓ I have gained theoretical & practical knowledge ✓ a. I have developed my Coding skills ✓ b. I have developed a product ✓ c. I have developed a system of process ✓ d. I have developed a system of process ✓ e. I have developed a computer based application ✓ f. I have developed a hardware application ✓	Description 1 2 I have gained only theoretical knowledge	Description 1 2 3 I have gained only theoretical knowledge - - I have gained theoretical & practical knowledge - - a. I have developed my Coding skills - - b. I have developed a product - - c. I have developed a system or process - - d. I have developed my problem solving skills - - e. I have developed a computer based application - - f. I have developed a hardware application - -	I have gained only theoretical knowledge ✓ ✓ I have gained theoretical & practical knowledge ✓ ✓ a. I have developed my Coding skills ✓ ✓ b. I have developed a product ✓ ✓ c. I have developed a system or process ✓ ✓ d. I have developed a system or process ✓ ✓ e. I have developed a computer based application ✓ ✓ f. I have developed a computer based application ✓ ✓	Description 1 2 3 4 1 I have gained only theoretical knowledge - - - - I have gained theoretical & practical knowledge - - - - a. I have developed my Coding skills - - - - - b. I have developed a product - - - - - - c. I have developed a system or process - - - - - - d. I have developed a computer based application -	Description 1 2 3 4 1 2 I have gained only theoretical knowledge -	Description 1 2 3 4 1 2 3 I have gained only theoretical knowledge		

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandalory" during assessment process. However It is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

	D / - No.		iore l	ват	ing	After Learning				
No.	1 The learner has gained only theoretical knowledge A He / She has gained theoretical & practical knowledge a The learner has developed my Coding skills b The learner has developed a product 2 c. The learner has developed a system or process d He/She has developed a system or process e He/She has developed a computer based application f The learner has developed a hardware application	1	2	Е	4	1	2	З	4	
1	The learner has gained only theoretical knowledge	~			i	Ĺ	1			
	He / She has gained theoretical & practical knowledge							~		
	 The learner has developed my Coding skills 	V						~		
	 b. The learner has developed a product 	~					<u> </u>	-		
2		×.		<u> </u>			~			
		-					~			
		1			i.			6		
	 The learner has developed a hardware application 	<u> </u>			Ļ			-	1.	
	Any others, please specify									
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Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.



B. Priyanka Student Signature with Date

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023

(Semester VI) (Academic Regulation 2020) (8.Tech.)

	Submitted by	Marks								
Name	B-Rakesh	Internal Assessment and Report (10 Marks)	9.07	" 9.07						
Roll Na.	21NV5A0202	Outcomes (SD Marks)		8						
Program		Final Presentation (10 Marks)	ź	8-						
Status of Completion	Completed / Not Completed P01 P02 P03 P04 P05 P05	Total Marks	Q11 PO11 PO	12 PSD1 PS012						
Signature o	Ray pelstas Course Facilitator with Date	Signature d	Q Q Q A A A A A A A A A A A A A A A A A	27-15123 Hate						

Roll No. : @INIUSPO209-Course Code : 2055600 Title of the Course : Papica

Learning Outcomes (Please tick appropriately based on your course) (Seli-Assessment)

cription ve gained only theoretical knowledge ve gained theoretical & practical knowledge Thave developed my Coding skills Thave developed a product Thave developed a system or process Thave developed my problem solving skills Thave developed a computer based application		~ 22 2 2 2 2	۲ 	4	1	2	3	
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ve gained theoretical & practical knowledge Thave developed my Coding skills Thave developed a product Thave developed a system or process Thave developed my problem solving skills Thave developed a computer based application								\mathbf{v}
Thave developed my Coding skills Thave developed a product Thave developed a system or process Thave developed my problem solving skills Thave developed a computer based application					 			
I have developed a system or process I have developed my problem solving skills I have developed a computer based application		$\overline{\nu}$			-			101
I have developed my problem solving skills I have developed a computer based application					1		part of the local division of the local divi	<u> </u>
I have developed my problem solving skills I have developed a computer based application		10			·	÷		\vee
								V
		\sim						V
I have developed a hardware application		6	·			i		V
others, please specify								
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Learning Outcomes (Prease tick appropriately based on the learners learning outcomes) (To be lifed by faculty during one to one assessment either through online or allbne or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded oresentation submission is also mandate and should be uploaded in LMS before the final assessment

	Description -	Bel	íore L	ears	ning	After Learning				
No.	Description	1_	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge		\sim				L		~	
	He / She has gained theoretical & practical knowledge		\mathbf{v}		 			·	V	
	a The learner has developed my Coding skills		\sim		_			$\downarrow \lor$		
	b. The learner has developed a product		\mathbf{v}			ļ		1	\mathbf{v}	
2	c. The learner has developed a system or process						V			
	d He/She has developed his/her problem solving skills									
	e. He/She has developed a computer based application							\checkmark		
	f. The learner has developed a hardware application V									
	Any others, please spacify									
Э										
1										
									2	

Learners Descriptive Learning Outcomes (Learners are expected to write ten – silteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. Cirmit Design and Amalysis: Pspice is a powerful Software tool used for elutronic circuit design and analysis. 2. Simulation techniques: Pspice allows you to Simulate circuits and analyze their behavior before physically implementing them. 3. Troubleshooting and Deblegging: Psipice provides book tor troubleshooting and debugging circuits. 4. Circuit performance Evaluation: Pspice enables you to evaluate Circuit performance metures such as voltage Levels, consent flows, powerdinipation prequency deponse, and noise analysis. 5. Component Selection and parameter Optimireation: Propice. allows you to select and test idvious electronic Component in a Virtual. B. PCB Design and Layout: Pspico is often integrated with peo design software, allowing you to Coreate Schematrice, perform simulation, and generat layout files

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Student Signature with Date

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Approximation ACOP, Marking Activity, and in the rest of AntiSo Dour Marking Activity (AntiAna Caster) Generation and Antime 2015 of the 1914C Acti 1950 in Accaselland by NAAC with 18 Gradie (3: 1014-99) SO(a 1964), Privalpulle - Antimite put and Highway, Vizakhaganjitan - \$33563, Ph. 1988(6825167, 9:000), and an addition

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (S.Tech.)

	Submitted by	Marks							
Name	D-Venkala Sou Rockesh	Internal Assessment and Report (\$0 Marks)	<mark>& &</mark> 						
Roll No.	21 NU 5 A 0203	Outcomes (\$0 Marks)	(8						
Program		Final Presentation (10 Marks)	7						
Status of Completion	Completed / Not Completed PO1 PO2 PC3 PD4 PC5 PC6	Total Marks	43						
lust Signature o	Course Facilitator with Dale	Signature of	ecret 2-2-1 5/23 HoD with Date						

Roll No.	: 2INUSPOZO3
Course Code	1 20 GE 5 04
Title of the Course	 pepic 6

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

		Be	fore L	earni	វេជ្ជ		After	Learni	Πġ
No. I	No. Description		2	3	4	1	2	3	4_
1	I have gained only theoretical knowledge		\boldsymbol{arphi}						$\overline{\nu}$
_	I have gained theoretical & practical knowledge		\sim					!	5
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i	b. I have developed a product	\sim	-		- a			l	5
2	 c. These developed a system or process 		\sim						
	d I have developed my problem solving skills			L <u>~</u>	[V
	 I have developed a computer based application 		V	:	[]	: 		\sim
	 I have developed a hardware application 	<u>~</u>							\checkmark
·7	Any others, please specify								
i									
3									
1									
						- 40- 5			

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

No	Description		fore l	earn,	սոց	After Learning				
No.	Descáption	, 1	2	3	4	1	2	Е	2	
1	The learner has gained only theoretical knowledge								レ	
	He / She has gained theoretical & practical knowledge	V						\sim		
	a The learner has developed my Coding skins		\sim				1		\sim	
	b. The learner has developed a product					\sim				
2	c. The learner has developed a system or process		4		<u> </u>				~	
	d. He/She has developed his/her problem solving skills						5			
	e He/She has developed a computer based application 🗸 👘 🗤 🗠						<u>'</u>			
	1. The learner has developed a hardware application						V			
	Any others, please specify									
3										
			$\overline{\mathcal{X}}$							

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skits, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please

1, Circuit Design and Analysis: Aprice is a powerful Software tool used for electronic Circuit design and analysis. 2, Simulation Techniques: Popice allows you to Simula te Circuit: and analyze their behaviour bebore physically implementing them. 3. Frobleshooting and Debugging : Aspice provides tools for troubleshooping and debugging circuit 9, Circuit performance Evaluations: Pspice enables you to enaliate circuit performance metrice such as voltage levels, moment flows, power desipation frequency response, and poine analyses 5, Component scherbar and parameter Optimization Pspice allown you to select and test Various chebronic Component in a virtual environment.

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NSRIT, Sontyam, Visakhapatnam 531 173, AP

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

According of "L real Calent Altigned is AFTAL Kalender in BOSSEL, BO 1801 L BORSEN (Artiste Realised) Recognized under 3(5 of the UGC Act 1988 & According by MAAC with 'A' Grade (3,1944.00) SONTYAM, Penderlin - Anandepensen Highway, Vankhepatreen - 6351 (3, Ph.: 0666624167, 8099484646, www.neml.edu.ib

Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Na	rks
Name	Q. Sindubha	Internal Assessment and Report (20 Marks)	I II 8-67 8-53
Roll No.	QINUSA0204	Outcomes (10 Marks)	19
Program	BITECH	Final Presentation (10 Marks)	9
Status of Completion	Completed / Not Completed eq1 eq2 eq1 eq4 eqs equ	Total Marks	47.

Pula Range 1 23

NS:

Signature of Course Facilitator with Date

Signature of HoD with Date

Rolf No.	: &INUSA020*
Course Code	: 20 EES 04
Tills of the Course	PSPILE

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

hin	Percentation	Be	fore L	eami	ng	After Learning					
No.			2	3	4	1.	2	3	4		
1	I have gained only theoretical knowledge	\sim						~			
	I have gained theoretical & practical knowledge										
	 a. I have developed my Coding skills 	\checkmark	1.5				\sim				
:	 b. I have developed a product 	~						5			
2	 c. I have developed a system or process 	<u></u>						~			
	 d. I have developed my problem solving skills 								المعتمي ا		
	e. I have developed a computer based application	\mathbf{V}			-		~				
	 I have developed a hardware application 	~						\sim			
	Any others, please specify										
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					145						
3											
i u	30 30										
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Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

hin -	Description	Be	fore i	EBIT	ning	Atter Learning			
No.	Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge	~	[5	
	He / She has gained theoretical & practical knowledge								
	a. The learner has developed my Coding skills	~	-				V		
	 The learner has developed a product 						_	-	
2	c. The learner has developed a system or process	1	<u> </u>						-
	d. He/She has developed his/her problem solving skillsi							\sim	
	e. He/She has developed a computer based application						t .		
	f. The learner has developed a hardware application	~	1				1	-	-
	Any others, please spacify								
3									
5									

Learners Descriptive Learning Outcomes (Learners are expected to write ten – fifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development, in case of product development, it should be submitted to the respective course instructor, please.

By learning pspice. I can give several valuable knowledge and skills sulated to clacust simulation and analypho. 1. Church destign and Analysis: PSPICE its a powerful boffware tool used for electronic ctruit design and analysts. By learning PSpick we can goin a deep understanding of clawl: theory, including concepts buch as subistice, capacitors, inductors, diodes transistas. 2. Simulation Techniques: PSpice allows you to simulate circuits and analyze their behaviour before physically implementing them. 3. Circuit performance Evaluation: PSPIE enables you to evaluate circuit-performance metiles buck as voltage level, current flows, power dissipation, frequency subponde and notice analysis.

D. Sindusha Student Signature with Date

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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (S.Tech.)

	Submitted by	Marka							
Name	G. Nishamk haba	Internal Assessment and Report (10 Marks)	1 II 9.2 9.6						
Roll No.	2INUSA0205	Outcomes (10 Marks)	18						
Program		Final Presentation (10 Marks)	9						
Status of Completion	Completed / Not Completed	Total Marks	10 PO11 PO12 P501 P501						
PCs Addmined	POI POZ PO3 PO4 PO5 POI		22/5/29 HoD with Date						

Roll No.	: 02 INVS PD 2-0 5
Course Code	: ~ <u>20</u> BC B1 9
Title of the Course	: p.s.p.t.ce-

Learning Outcomes (Please lick appropriately based on your course) (Self-Assessment)

		B	Balare Learning			ļ .	ng _		
No	Description	1	2	3	4	1	2	3	4
1	Thave gained only theoretical knowledge								~
	These gained theoretical & practical knowledge	<u> </u>	\sim				!		\sim
	 a. These developed my Coding skills 	1	\sim			<u> </u>			4
	b) I have developed a product		V						\checkmark
2	c. I have developed a system or process								
	(i I have developed my problem solving skills		V	L		_			~
	e. I have developed a computer based application	12					I		<u>[</u>
	 have developed a hardware application 	_ I —	v		1.1.1				
	Any others, please specify								
3									
	i								

Learning Outcomes (Please lick appropriately based on the learners barning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the linal assessment.

	Description			Before Learning				After Leasning					
No.	Description	1	2	3	4	1_	2	3	4				
1	The learner has gained only theoretical knowledge			$\overline{\mathbf{V}}$					\sim				
	Hall She has gained theoretical & practical knowledge		\sim					V	i				
	 The learner has developed my Coding skills 		\vee			i		!	V				
	 The learner has developed a product 	\swarrow						, ·	1				
2	c. The learner has developed a system or process		\checkmark					v	<u> </u>				
	d. He/She has developed his/ner problem solving skills		~	Ĺ.,				\sim					
	e. He/She has developed a computer based application	V	<u>.</u>						4				
	 The learner has developed a hardware application 	i	14			! 	i	i .	\sim				
	Any others, please specify												
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ы. :													

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please

1) Circuit Design and Analysis: Pspice is a powerful Software tool used for electronic circuit design and analysis. & Simulation Technique: Pspice allows you to Simulate Circuits and analyze their behavior before physically implementing them. 3, Totables hooking and Debugging : Pspice provides tople for troubles booking and debugging limit 4, Circuit perforance Evaluation: Pspice enables you toevaluate Circuit performance metric such as voltage Cevels, current flows, power obissipation, brequency susponse, and noise analysis. 5, Component Selection and postameter Optimization Brice allow you to select and test Vanious électronic Componente in a Virtual environment. 6, PCB Design and hayout: Pspice is offer integrated with PCB design Software, allowing you to Create Schematic performationulations rand generate layout files Cr. N' Sharth

Student Signature with Date



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Assessment Report Skill Oriented Course

Academic Year 2022 – 2023 (Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	K-N-J- Lokesh Youma	Internal Assessment and Report (20 Marks)	ا 40.4	" 9. 33
Roll No.	21NV5A0206	Outcomes (10 Marks)	t	7
Program		Final Presentation (10 Marks)		Ŧ
Status of Completion	Completed Pol Po2 Po3 Po3 Po3 Po3	Totai Marks 206 Por FUE POB Á	4 3 011 POI1 PO	-
	f Course Facilitator with Date		Cereio 2-2-4 If HoD with D	네 <u>네</u> ale

Roll No.	: QINUSPO200
Course Code	: 20 EC 5 n 4
Title of the Course	: Pspice

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

		- Be	fore Li	earni	ng	1	ng		
No.	Description	1	[2]'	3	4	1	2	3	4
1	I have gained only theoretical knowledge		~			ļ	<u> </u>		\sim
	I have gained theoretical & practical knowledge			10		<u> </u>			2
	 a. I have developed my Coding skills 	4					<u> </u>		~
	b. Thave developed a product		~		i		<u> </u>		r
2	 c. I have developed a system or process 	V			<u> </u>				~
	 I have developed my problem solving skills 		\checkmark						5
	e. I have developed a computer based application	! 	\sim		_	Ì	<u> </u>		~
	 I have developed a hardware application 		\sim	L.	L_{-}			\sim	<u> </u>
	Any others, please specify								
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Learning Outcomes (Please tick appropriately based on the learners tearning outcomes) (To be lilled by faculty during one to one assessment either through online or offline or both the mode). Geotagged photos are needed and in case of online 'Recording is mandatory' during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

	Description			earr	ning	After Learning				
No.	Description	1	2	3	4	1	2	3	4	
1	The learner has gained only theoretical knowledge		$\overline{\mathbf{v}}$					\sim		
	He / She has gained theoretical & practical knowledge	v					i	i	\checkmark	
	 The learner has developed my Coding skills 			~					V	
	 b. The learner has developed a product 	1				ļ			\sim	
2	c. The learner has developed a system or process		\sim					×.		
	d. He/She has developed his/her problem solving skills		\sim					L	V	
	e. He/She has developed a computer based application		4	·	-				~	
	 The learner has developed a hardware application 		~			!	i	<u>.</u>	$\overline{\mathbf{v}}$	
	Any others, please specify									
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13										
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Learners Descriptive Learning Outcomes (Learners are expected to write ten - filteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs of product development. In case of product development, it should be submitted to the respective course instructor, please.

I Comit Design and Analysin popie is a powerful Software tool und for electronic Circuit design and andyn. 2, Simulation Techniques: Papia allows you to Simulate circuits and analyze their behavior before physically implementing teum. 3. Toroble shooping and Debugging: Pspias provides bob for troubleshooting and debugging circuit. y, Circuit perforance Evaluation: Popice curables you to evaluate circuit performance meteras such as voltage benefs, covent flows, frequency susponse, and 5, Component Selection and parameter Optimizatin; pspice allows you to select and test Various electronic Component is a vistual environment. 6, RCB Degin and Layout pspia is offer integrated with PCB design coffesere allowing youb Greater Schematice Derform generates layout files .

K.N.J. Lokesh www.

Student Signature with Date.

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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Semester VI) (Academic Regulation 2020) (B.Tech.)

	Submitted by	Ma	arks	
Name	N Charlon Kumar Reddy	Internal Assessment and Report (20 Marks)	1 9-33	11 9.47
Roll No.	21NU 5A0204	Outcomes (50 Marks)	l I	8
Program		Final Presentation (10 Marks)	ş	3-
Status of Completion	Completed / Not Completed	Total Marks	4	5
POs Addressed	FOI POD POD POD POD			013 PSO1 P3012
Lust Signature o	Course Facilitator with Date	Signature o	f HaD with I	Jate Jate

Roll No.	: SINUSADIO7
Course Code	20 60604
Title of the Course	· popica

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

Na.	Perciption	Be	alore L	eami	ng	[.	Atter	Learni	ng
rea.	Description	1	2	3	4	1	2	3	4
1	I have gained only theoretical knowledge		レ						jv
	I have gained theoretical & practical knowledge		\checkmark						\sim
	 t have developed my Coding skills 		\sim						5
	b. I have developed a product		\mathbf{v}	_				\sim	
2	 c. I have developed a system or process 	\mathbf{v}							\sim
	 I have developed my problem solving skills 		$\mathbf{\nabla}$						12
	e. I have developed a computer based application		\sim						6
	 I have developed a hardware application 							\mathbf{V}	
	Any others, please specify								
3									
4									

Learning Outcomes (Please tick appropriately based on the learners learning outcomes) (To be filled by laculty during one to one assessment either through online or offline or both the mode). Geolagged pholos are needed and in case of online "Recording is mandatory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

Nin	Description	Be	fore l	earr	іпд	A	ter L	eami	ng
No.	Description	1	2	3	4	1	2	3	4
1	The learner has gained only theoretical knowledge		~					V	
1	He / She has gained theoretical & practical knowledge			$\overline{}$					12
	 The learner has developed my Coding skills 		V						V
	6 The fearner has developed a product		$\overline{\checkmark}$						\checkmark
2	 The learner has developed a system or process 		\mathbf{v}					-	\checkmark
	 He/She has developed his/her problem solving skills 		V						$\mathbf{\mathbf{v}}$
	 He/She has developed a computer based application 	~						\sim	
	 The learner has developed a hardware application 	\sim	1					\sim	
	Any others, please specify								
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5									
-					_	_			

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – lifteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1. Circuit Design and Analysis Pepice is a powerful Softward tool used to electronic Circuit design and analysis By learning Spice, you am gain a deep understanding of Circuit theory, including Concepts Such as resident, Capacibors, theory, including Concepts Such as resident, Capacibors, Inductors, diades, transistors, and Operaboral amplifier 2. Simulation Techniques: Pspice allows you to Simulate Givenits and analyze their behavior before physically implementing them. 3. Towableshooting and Debugging: Pspice provides tools for troubleshooting and debugging Circuits. You can analyze Circuit behavioror identify potential issues, and optimize Circuit performance 4. Circuit performance Evaluation: Repice enables you to evaluate Circuit performance metories such as voltage levels, connent-flows, power dissipation programmy suppose, and noise analysis. 5. Components Selection and poorameter Optimization: Pspice allows you to select and test vousant Electronic Components in a vortual environment 6. PCB Design and Layout Pspice is offer integrated coits per design software allowing you to create Simulation, and generate layout files.

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Assessment Report Skill Oriented Course

Academic Year 2022 - 2023

(Somestor VI) (Academic Regulation 2020) (B.Tech.)

Submitted by		Marks				
Name		Internal Assessment and Report (20 Marks)	9.07 8.93			
Roll No.	AINUSAD208	Oulcomes (10 Marks)	19			
Program		Final Presentation (10 Marks)	q			
Status of Completion	Completed / Not Completed Pol Poz Po3 Po4 Po5 Pos	Total Marks	47.			
Signature o	ha far 22 15 23 Course Facilitator with Dale	Gi Signzture (D Cleard			

Roll No.	: 21NU SP 0208
Course Cade	5 20 GB Soy
Title of the Course	Pepice.

Learning Outcomes (Please tick appropriately based on your course) (Self-Assessment)

		Before Learning			Alter Learning				
No.	Description		2	3_	4	1	2	3	i 4
1	I have gained only theoretical knowledge		\sim			! +			L
	Thave gained theoretical & practical knowledge		- L	i	Ļ	Ļ	l		レレ
	 Thave developed my Coding skills 		~			<u> </u>	<u> </u>		
	 b. These developed a product 		4		L	1	<u> </u>		V
2	c. I have developed a system or process	84	_V				L	<u> </u>	4
-	 L have developed my problem solving skills 	~			i				V
1	 I have developed a computer based application 		\mathbf{v}			<u> </u>	_	2	t
	 I have developed a hardware application 		\sim				1		12
	Any others, please specify								

Learning Outcomes (Please (ck appropriately based on the learners learning outcomes) (To be filled by faculty during one to one assessment either through online or offline or both the mode). Geolagged photos are needed and in case of online "Recording is mandalory" during assessment process. However it is suggested to facilitate the process through online mode. Five minutes short video recorded presentation submission is also mandate and should be uploaded in LMS before the final assessment.

		Before Learning	After Learning
Na.	Description	1 j Z 3 4	1 2 3 4
1	The learner has gained only theoretical knowledge		
	He / She has gained theoretical & practical knowledge		
	a. The learner has developed my Coding skills		·
	b. The learner has developed a product		
i 2	 The learner has developed a system or process 		
	 He/Sne has developed his/her problem solving skills 		
	 He/She has developed a computer based application 	~	
	 The learner has developed a hardware application 		
	Any others, please specify		
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1	1		

Note: The range '1' through '5' is Weak to Strong

Learners Descriptive Learning Outcomes (Learners are expected to write ten – filteen solid learning outcomes regarding the skills, knowledge or any sort of product development gained through this course in their OWN WORDS). Please attach additional sheets in case of any sample programs or product development. In case of product development, it should be submitted to the respective course instructor, please.

1, Circuit Design and Analysis pspice is a powerful Software tool used for electronic Circuit designand analysis & Simulation Techniques : Pspice allows you to Simulate lixanity and anougge their behaviour before physically implementing them. 3, Toubleshooping and Debugging : Papices providen bols for troublesshooping & debugging Circuit 4, Circuit perforance Evaluation : Aspice enables you to enaberte Circuit performance metrices much as voltage levels , current flows, frequency response and noise analysis 5, Component Selection and postameter Optimization: pspice allows you to select and test various etestronic Component in a virtual environment 6, PCB Design and Layout Replan is offer integrated with PCA design Software allowing you to Greate Sechematic perform generates layour files. p.S.V.Teta

Student Signature with Date

INSTITUTE OF TECHNOLOGY (AUTONOMOUS)



Report on the "World Entrepreneurs day celebrations"

Topic: "Leveraging Significant areas of Leadership in Entrepreneurism for Engineering Graduates"

Purpose: To resolved to provide deeper insights to Engineering Graduates for Successful Startup or Entrepreneurship.

Conducted by: ENTERPRENUERSHIP DEVELOPMENT CELL, Office of Student Affairs

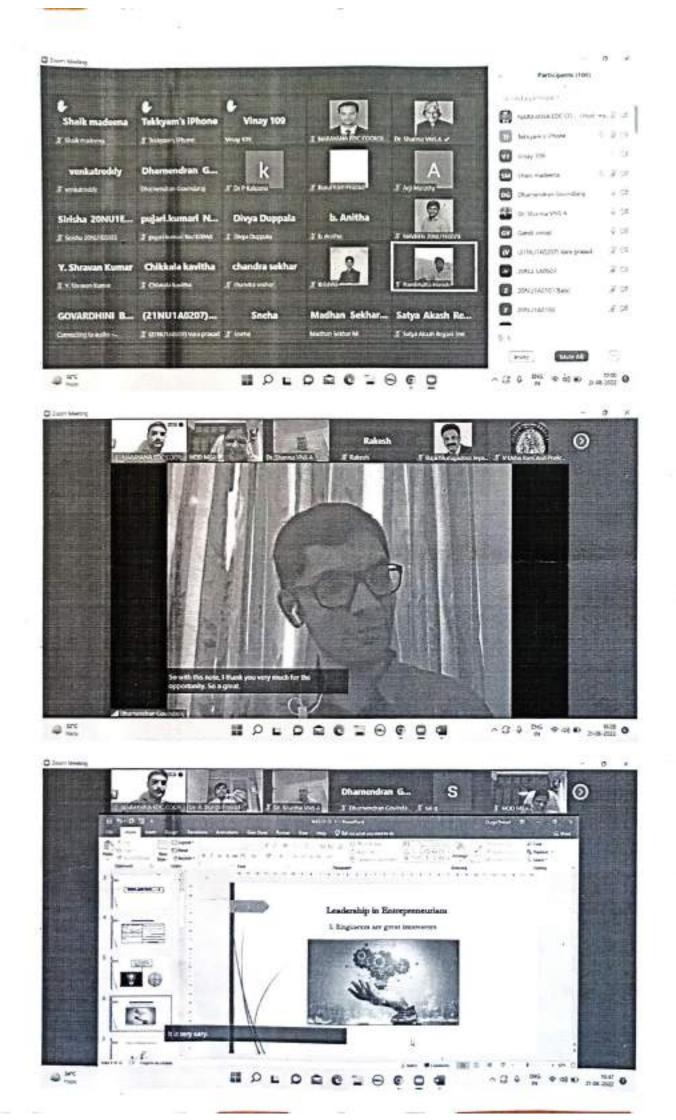
Submitted by: Mr.T.Narayana Rao, EDC Coordinator

Date and time: August. 21, 2022 Time: 9:45 a.m.- 11:30 p.m.

Participants: 100 members attended

Attendance Screen Shots:







40 MC



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The session theme was marked as 'Leveraging Significant areas of Leadership in Entrepreneurism for Engineering Graduates'. Its scope has been widened because normal concept relates economy but NSRIT Entrepreneurship Cell after discussing resolved to provide deeper . insights to Engineering Graduates for Successful Startup or Entrepreneurship.

Entrepreneurship Cell after detailed review invited three prominent successful Entrepreneurs and provided them outcome base session than a normal Theoretical concept base session.

The session was started at 9:45 AM, by Welcoming speech by Dean Student Affairs, Dr sharma AVNS, sir explained the students about session and assured students about outcome insights. HOD MBA, Professor Dr.V.Bala introduced Dignitaries by narrating successful profiles.

Mr. DHARNENDRAN GOVINDARAJ, MD-Fashion Marketing, Tirupur, Tamilanadu.
Dr.R. DURGA PRASAD, Senior Lecturer in the School of Business and Management Southern Cross University, Australia.

Mr. VENKAT REDDY, CEO, Vihaan Electrix, AP.

Mr. DHARENDAN started by welcoming all, Sir explained the term Ideation and clearly explained that success is about failures, failure patterns gives success ways, initial period is highly occupied by negative phase after on continuously works towards sustainable success one can step in effort of success. Intraprenuers are most desired human resources for Entrepreneurs Team to achieve high rate of success. He added Risk is a negative factor at first level, who works hard will be pushed by Risk factor to Returns factor.

Dr.R.DURGA PRASAD, Associate Professor explaining in detail that engineering graduates are most successful people in today's world of Startup success rate and diffusion of technologies. From zomato to google all are engineering graduates, this is a strong motivational force for engineering graduates to aspire.

Sir further quoted Inspire to aspire before expire. Further he quoted multi dimension approach is an assist for engineering graduates because they already gained experience during College Tech fests.

Mr. VENKAT REDDY presented the vivid explanation of Diagram how best the Anatomy is helpful to identify the worth of idea, He emphasized that capital has many forms but the worthiness matters to attract funds. Angel investors observe the functioning and future road map of the start up and does the path being followed is sure of success factor or not. Idea should be analyzed not only on how best it is.

- 1. Ideation value
- 2. Worthiness
- 3. Viability in market
- 4. Value Chains

The session was ended by Vote of Thanks by Dr Sharma AVNS after briefing the most valuable information derived from session.

Mr.T.Narayana Kao EDC Cell Coordinator.



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INSTITUTE OF TECHNOLOGY

SATYANARAYANA RAJU

Title: Exploring the Boundaries of Intra and Interpersonal Communication Workshop

Date: 15/04/2023

Location: NSRIT

Organized by Basic Science and Humanities by the Department of English.

"Exploring the Boundaries of Intra and Interpersonal Communication" workshop was held from 10/04/2023 to 14/04/2023 in the seminar Hall block – I & II. This workshop aimed to provide 1st year students of CE, EEE, MECH, ECE, CSE, CSM and CSD with a deeper understanding of the complexities of communication within themselves (intrapersonal) and with others (interpersonal), to enhance B.Tech first years on various backgrounds to enhance their communication skills..

Welcome and Introduction:

The workshop began with a warm welcome and an overview of the day's agenda by the MoC Dr.M.Prasanthi and Mrs. M. Rama Chaitanya about the resource person who is an exuberant leader with good intra and interpersonal skills.

Mr Usha Sai Kiran is a doctoral scholar of Dr. A. Rama Naga Hanuman in English from Andhra University Vishakhapatnam. Besides, he is working as a guest faculty in English at the College of Engineering and the University. Kiran was awarded a gold medal for topping MA English (Post – Graduation) at Andhra University and another gold medal for topping his bachelor's degree. Apart from his excellent track record in Literature and language since school days, he is also a creative writer and has been actively contributing as an editor for several creative and critical writings. His creative work can be found in the following blog: https://theushakiran.wordpress.com

Intrapersonal Communication:

In the first session, participants delved into intrapersonal communication, emphasizing self-awareness, self-talk, and emotional intelligence.

Activities included journaling, self-reflection exercises, and discussions on self-perception.

Interpersonal Communication:

The second session focused on interpersonal communication, highlighting active listening, empathy, and effective feedback.

Participants engaged in group discussions, role-play scenarios, and communication games to practice these skills.



8 Breakout Sessions:

Participants were divided into smaller groups to share personal experiences, challenges, and successes in both intra and interpersonal communication along with group activity. Each class was given a complete half day activity by the resource person making the workshop meaningful.

Facilitators encouraged open and honest dialogue within these groups.

Q&A and Closing:

The workshop concluded with a Q&A session, allowing participants to seek clarifications and share their insights.

Organizer provided closing remarks and encouraged continued learning and practice.

Key Takeaways:

Participants gained a deeper understanding of themselves and their communication styles through intrapersonal exploration.

Enhanced interpersonal communication skills, including active listening and empathy, were emphasized.

The importance of setting and respecting boundaries in communication was highlighted.

Practical tools and techniques for improving communication were shared, giving participants actionable strategies for daily life.

Feedback:

Participants praised the workshop for its interactive and engaging format. They particularly appreciated the opportunity to practice and apply what they learned in real-life scenarios. Many participants expressed a desire for follow-up sessions or advanced workshops on the topic.

Conclusion:

The "Exploring the Boundaries of Intra and Interpersonal Communication" workshop proved to be a valuable experience for all participants, equipping them with essential skills for effective and meaningful communication. The event was a success, and there is potential for future workshops and seminars on related topics to further enhance communication abilities and brought together participants from various backgrounds to enhance their communication skills.



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I SATYANARAYANA RAJU



Coordinator:

HOD:

Director Signature:



Report on

Hands-on training for PCB Design

Topic: A hands-on training on PCB Design.

Industry: Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam.

Year/Semester/Batch: II/I/2020 admitted batch

Time: From October, 2021 to January, 2022 (Alternate Saturday)

No. of Students Benefited: 135

Mode: Offline

Objective:

To provide practical insights to the students in the area of electronics. The aim of this one credit course is to deliver practical knowledge on using EDA tools and to have a hands-on the PCB design process. PCB design is the basics things which is expected from the electronics engineers. As per the mission of the department "To create research interests in the graduates by bringing in real time engineering challenges through industry collaborations", Department of the ECE NSRIT have establish MoU from 2019-2020 academic year (perpetual) with Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam to promote institute-industry interaction. In continuation of the MoU, around 135 students were sent there to have practical experience in PCB designing and this training program is included in the curriculum as a one credit course. Practical knowledge is greatly required along with the theoretical concepts to become comfortable in any filed. Therefore, the main purpose of this training course is to develop practical skills among students in the field of PCB design by promoting institute-industry interaction.

About CEMS:

CEMS a skill development initiative undertaken by Ministry of Shipping along with Siemens Industry Software India Pvt Ltd & Indian Register of Shipping in line with Prime Minister's initiative of Skill India. The project aims to impart Industry 4.0 relevant training in latest software & hardware tools and technology used in the engineering industry. A one stop comprehensive training Centre for imparting highend training in latest software & hardware technology aiming to transcend designing & manufacturing processes to Industrial 4.0 / Digital 4.0 levels, to enhance productivity and optimize production costs. Strategically located at Mumbai & Vishakhapatnam, creating competencies with 18 states of the art labs, covering all possible aspects of manufacturing.

About Printed Circuit Board (PCB):

A Printed Circuit Board is mainly facilitating electrical connections by providing conductive pathways to connect different electronic component and gives physical support to those components. These conductive pathways are realized by using copper sheets which further laminated onto a non-conductive substrate. Nowadays the printed circuit board becomes denser to accommodate large number of components on a given area. Therefore, role of EDA tools has been a decisive factor in the success of a PCB board. The development of the PCBs becomes fully automated in the contemporary time which was not possible previously when the density of the components on PCB was less. To meet large consumption to meet industrial growth PCBs are on boom and necessitates a huge number of carrier opportunities in this field.

Summary of the Hands-on training:

The training program consists of the theoretical knowledge and the practical knowledge in parallel to give students a zest of the actual industry ambience. The students are sent to the CEMS on alternate Saturday for the whole semester.

The training starts by giving students basic knowledge of the electronics components from the industry perspective with details of the make of the product, data sheets details and all do's don'ts while using these electronics components. After that history of the development of the PCB was given and starting from the first development of PCB in 1930s to the till date. The complete development with time was discussed with the students. The introduction of the PCB was discussed along with a discussion that why PCB is required. The various types of the PCBs, like Single-Sided PCBs Double, Sided PCBs, Multilayer PCBs, Rigid PCBs, Flex PCBs and Rigid-Flex PCBs were discussed and physically shown to the students with full technical details.

The primary flow of the PCB design starts from the circuit design entry by using Electronic Design Automation (EDA) tools. Students were introduced to the various commercially available EDA tools in the market like Eagle, KICAD, Pulsonix, Multisim, ORCAD and Altium. The basics steps of circuit design steps were learned by the students through hands-on experience. After schematic design students learned, how to convert that schematic to layout by following design rules. After the generation of Gerber files of the design and now finally the complete fabrication process flow of the PCB was discussed. The students have learned the designing of the PCB by themselves.

Conclusion:

Thus, it was a great practical learning experience for the students which will motivate students to undergone these types of course in the upcoming semester also and hopefully they will use this knowledge in their professional and carrier accomplishments.

Course Content:

Sr.	Topic Name	Time	Batch Size
No.			
1	Basic Electronics and Technologies	4	30
2	PCB In Various Sectors, Introduction to Analog and Digital Circuit Design	4	30
3	Identification Of Electronic Components	4	30
4	Identification Of Damage Component in PCB Board	4	30
5	Testing Of Components, Troubleshooting of Components	4	30
6	PCB Board Components Replacing	4	30
7	General Safety Precautions to Take When Working with Electronic Equipment	4	30
8	Introduction to Circuit Designing, Fundamental of circuit design.	4	30
9	Introduction to PCB Design, Printed Circuit Technologies, Types of PCBs	4	30
10	PCB Printing & Etching process, Design Transfer to the PCB and Design Rule Check	4	30
11	PCB Wizard Schematic, Rules for Track, Track Length,	4	30
12	Soldering and De-Soldering, wetting of solders, Flux and its properties, Automatic Soldering, Solder Application	4	30
13	Through-Hole Technology Overview, Surface Mount Technology Overview	4	30
14	Soldering of Surface Mount Components, placing and replacing SMD components	4	30
15	Assessment	4	30

Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By:

Dr. B. Siva Prasad, HOD

ECE Department

NSRIT, Visakhapatnam.



Report on

A Hand-on training on PLC & SCADA

Topic: A Hand-on training on PLC & SCADA

Industry: Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam.

Year/Semester/Batch: II/I/2020 admitted batch

Time: AUGUST, 2022 to JANAURARY, 2022 (Alternate Saturday)

No. of Students Benefited: 65

Mode: Offline

Objective:

To provide practical insights to the students in the area of electronics. The aim of this one credit course is to deliver practical knowledge on using PLC & SCADA. As per the mission of the department "To create research interests in the graduates by bringing in real time engineering challenges through industry collaborations", Department of the ECE NSRIT have establish MoU from 2019-2020 academic year (perpetual) with Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam to promote institute-industry interaction. In continuation of the MoU, around 135 students were sent there to have practical experience in Embedded System using Arduino UNO and this training program is included in the curriculum as a one credit course. Practical knowledge is greatly required along with the theoretical concepts to become comfortable in any filed. Therefore, the main purpose of this training course is to develop practical skills among students in the field of PLC & SCADA by promoting institute-industry interaction.

About CEMS:

CEMS a skill development initiative undertaken by Ministry of Shipping along with Siemens Industry Software India Pvt Ltd & Indian Register of Shipping in line with Prime Minister's initiative of Skill India. The project aims to impart Industry 4.0 relevant training in latest software & hardware tools and technology used in the engineering industry. A one stop comprehensive training Centre for imparting highend training in latest software & hardware technology aiming to transcend designing & manufacturing processes to Industrial 4.0 / Digital 4.0 levels, to enhance productivity and optimize production costs. Strategically located at Mumbai & Vishakhapatnam, creating competencies with 18 states of the art labs, covering all possible aspects of manufacturing.

About PLC & SCADA:

PLC: When you are trying to figure out what is a PLC, you should know that it is a piece of hardware. PLC stands for programmable logic controller. A programmable logic controller is installed to monitor sensors. In this manner, a PLC stands for data collection, receiving critical information about the flow and input within the system. To this end, the PLC will also perform basic interventions, triggering outputs when the parameters programmed into the system are met. A PLC is a versatile piece of equipment, which holds up under harsh conditions with advanced options for programming and real-time usage.

SCADA stands for Supervisory Control and Data Acquisition. SCADA is a monitoring software used in these industries. As software, it helps control the hardware and makes a record of the data collected from all remote locations. SCADA software is connected to computers, graphical user interfaces, sensors and networked data communications in order to provide a broad picture of the process. Within this context, management teams in these industries rely on SCADA to monitor progress and make operating corrections throughout the plant. Because SCADA is a central system, it is usually installed on a computer in a monitoring hub at a plant. In order

to provide the necessary data, SCADA works with a variety of other systems. It serves as an interface of sorts, bringing various plant data together for assessment purposes. From this information, the operator can enter changes as necessary through the SCADA interface in order to control the flow and operation of the working parts within the plant.

Summary of the Hands-on training:

The training program consists of the theoretical knowledge and the practical knowledge in parallel to give students a zest of the actual industry ambience. The students are sent to the CEMS on alternate Saturday for the whole semester. The training starts by giving students basic knowledge of the PLC & SCADA from the industry perspective with details of the make of the product, data sheets details and all do's don'ts while using these systems. After that history of the development of the PLC & SCADA was given and starting from the first development PLC in 1960 to the till date. The complete development with time was discussed with the students. The introduction of the Automation was discussed along with a discussion that why Automation is required and its limitations. The structure and elements of the PLC were discussed and physically shown to the students with full technical details. After introduction to PLC the details of the SCADA which is a software were discussed and how it is important to use PLCs in a better way to solve complex tasks. Students were invited for the discussion of Automation and its limitation. After that the structure and architecture of the PLC is discussed in details followed by Ladder diagram and its programming. Next, the programming and operation of the PLC were discussed and utilization of the SCADA was discussed in details. Studetns were exposed to SCADA software and its architecture followed by implementing small programs. The INTOUCH software were used by the students to implement SCADA to program PLCs followed by applications.

Conclusion:

Thus, it was a great practical learning experience for the students which will motivate students to undergone these types of course in the upcoming semester also and hopefully they will use this knowledge in their professional and carrier accomplishments.

Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By: Dr. B. Siva Prasad, HOD ECE Department NSRIT, Visakhapatnam.

Course Content:

Sr.	Topic Name	Time	Batch Size
No.			
1	Introduction to Automation	4	30
2	Advantages and Disadvantages of Automation	4	30
3	Limitation of automation	4	30
4	PLC	4	30
5	Architecture of PLC	4	30
6	Ladder Diagram	4	30
7	Programming by Ladder Diagram	4	30
8	SCADA	4	30
9	SCADA Software and Architecture	4	30
10	INTOUCH SCADA Softwaree	4	30
11	Applications of SCADA	4	30
12	Programming and Operation in PLC	4	30
13	Programming and Operation in PLC	4	30
14	Implementaitons of the small projecst using PLC & SCADA	4	30
15	Assessment	4	30

CEMS Training at a Glance





Report on

Hands-on training on Embedded system using Embedded 'C'

Topic: Hands-on training on Embedded system using Embedded 'C'. **Industry:** Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam.

Year/Semester/Batch: II/I/2020 admitted batch

Time: FEB, 2022 to May, 2022 (Alternate Saturday)

No. of Students Benefited: 135

Mode: Offline

Objective:

To provide practical insights to the students in the area of electronics. The aim of this one credit course is to deliver practical knowledge on using EDA tools and to have a hands-on the PCB design process. PCB design is the basics things which is expected from the electronics engineers. As per the mission of the department "To create research interests in the graduates by bringing in real time engineering challenges through industry collaborations", Department of the ECE NSRIT have establish MoU from 2019-2020 academic year (perpetual) with Center of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam to promote institute-industry interaction. In continuation of the MoU, around 135 students were sent there to have practical experience in Embedded System using Arduino UNO and this training program is included in the curriculum as a one credit course. Practical knowledge is greatly required along with the theoretical concepts to become comfortable in any filed. Therefore, the main purpose of this training course is to develop practical skills among students in the field of Embedded System by promoting institute-industry interaction.

About CEMS:

CEMS a skill development initiative undertaken by Ministry of Shipping along with Siemens Industry Software India Pvt Ltd & Indian Register of Shipping in line with Prime Minister's initiative of Skill India. The project aims to impart Industry 4.0 relevant training in latest software & hardware tools and technology used in the engineering industry. A one stop comprehensive training Centre for imparting highend training in latest software & hardware technology aiming to transcend designing & manufacturing processes to Industrial 4.0 / Digital 4.0 levels, to enhance productivity and optimize production costs. Strategically located at Mumbai & Vishakhapatnam, creating competencies with 18 states of the art labs, covering all possible aspects of manufacturing.

About Embedded System:

An embedded system is a combination of computer hardware and software designed for a specific function. Embedded systems may also function within a larger system. The systems can be programmable or have a fixed functionality. Industrial machines, consumer electronics, agricultural and processing industry devices, automobiles, medical equipment, cameras, digital watches, household appliances, airplanes, vending machines and toys, as well as mobile devices, are possible locations for an embedded system.

Examples of embedded systems

Embedded systems are used in a wide range of technologies across an array of industries. Some examples include:

Automobiles: Modern cars commonly consist of many computers (sometimes as many as 100), or embedded systems, designed to perform different tasks within the vehicle. Some of these systems perform basic utility functions and others provide entertainment or user-facing functions. Some embedded systems in consumer vehicles include cruise control, backup sensors, suspension control, navigation systems and airbag systems.

Mobile phones: These consist of many embedded systems, including GUI software and hardware, operating systems (OSes), cameras, microphones, and USB (Universal Serial Bus) I/O (input/output) modules.

Industrial machines. They can contain embedded systems, like sensors, and can be embedded systems themselves. Industrial machines often have embedded automation systems that perform specific monitoring and control functions.

Medical equipment: These may contain embedded systems like sensors and control mechanisms. Medical equipment, such as industrial machines, also must be very user-friendly so that human health isn't jeopardized by preventable machine mistakes. This means they'll often include a more complex OS and GUI designed for an appropriate UI.

Summary of the Hands-on training:

The training program consists of the theoretical knowledge and the practical knowledge in parallel to give students a zest of the actual industry ambience. The students are sent to the CEMS on alternate Saturday for the whole semester. The training starts by giving students basic knowledge of the Embedded System and Arduino UNO from the industry perspective with details of the make of the product, data sheets details and all do's don'ts while using these electronics components. After that history of the development of the Embedded System Development was given and starting from the first development of Embedded product Apollo Guidance Computer in 1965 to the till date. The complete development with time was discussed with the students. The introduction of the characteristics of the Embedded System was discussed along with a discussion that why Embedded System popular and how it solving the real-life applications. The structure and elements of the Embedded System were discussed and physically shown to the students with full technical details. After introduction to Embedded System, Arduino UNO different types of sensors like temperature sensor, humidity sensor, proximity sensor etc. were discussed. The various types of applications by integrating Sensors with Arduino UNO as an Embedded product were discussed by focusing on the commercial products. The Arduino IDE installation and students were exposed to basics of Embedded programing using Embedded 'C' and a hands-on were conducted to make small basics programs like blinking of the LEDs. Next, interfacing of the different types of sensors was executed with Arduino UNO and an example of making smart water tank using Arduino was performed. At the end of the course students were asked to prepare two mini and major projects. Mini project 'Traffic Light System' and the final project 'Bluetooth controlled car' were prepared by the students followed by the assessment by the coordinator.

Conclusion:

Thus, it was a great practical learning experience for the students which will motivate students to undergone these types of course in the upcoming semester also and hopefully they will use this knowledge in their professional and carrier accomplishments.

Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By: Dr. B. Siva Prasad, HOD ECE Department NSRIT, Visakhapatnam.

Course Content:

Sr.	Topic Name	Time	Batch Size
No.			
1	Introduction to Embedded System	4	30
2	Characteristics of Embedded System	4	30
3	Elements of Embedded System	4	30
4	Structure of Embedded System with Example	4	30
5	Introdcution to Arudino UNO and differrent types of Microcontroller board	4	30
6	Different Components of Arudino and Introduction to Sensors	4	30
7	Different types of Sensors	4	30
8	Real life applications of Embedded System	4	30
9	Introduciton to Ardino IDE and Installation	4	30
10	Introdcution to Embedded 'C' and basics programs	4	30
11	Interfacing of Various Sensors	4	30
12	Smart water tank using Arudino	4	30
13	Mini Project: Traffic Light System	4	30
14	Final project Bluethooth Controlled Car	4	30
15	Assessment	4	30



NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY



Department of Electronics and communication Engineering



Report on

"A three day IoT workshop with Arduino"

About Workshop:

The Department of Electronics and Communication, NSRIT Visakhapatnam has prearranged a three day workshop on "IoT with Arduino" from Sep 12, 2022 to Sep 14, 2022. This workshop was in association with IETE and Teck Team Solutions, Visakhapatnam. The experts from Teck Team Solutions provided the complete insights of the IoT with practical hands on experience to the participants. The Department has constantly whispered in practical hands on experience along with the analytical approach.



The Department of ECE is continuously dedicated to impart technical knowledge with special emphasis to develop employability skills set among the students. To accomplish the bridging gap between academic world and industry sector and to meet up our promises, the department has designed programs such as FDPs, Workshops, Webinars and distant hand on sessions in partnership with Industries. Based on the current market thrust, IoT is recognized as an emerging area and department has pulled its resources for a three day workshop in association with leading firm Teck Team Solutions.

About IoT:

IoT is enjoying both the status of technical and marketing term. When, it is applied to different kinds of systems, taken as marketing term. But technical expression of IoT deals with the identification of some key characteristics form the core definition. The Internet of Things (IoT), every so often referred to as the Internet of Objects, will revolutionize everything- counting ourselves. This may seem like a gallant statement. But has significant impact in the fields of technology, communication, business and humanity. It is evident that Internet is one of the main significant and prevailing creations in all human record. Now think about that Internet of Things stand for next evolution of the Internet, a gigantic dive in its capability to congregate, investigate and distribute data that can be turned into information, understanding and eventually wisdom. In this framework, Internet of Things becomes very much vital. IoT domain areas engrave across community requirements and applications. Consequently, it provides an occasion to make wider participation and further comprehensive societies of designers and consumers. Obtaining the benefits of IoT expertise will necessitate inter-disciplinary and cross-domain collaboration from the existing domains like sensor network, embedded system, the CAD design; signal processing, artificial intelligence and machine learning. A number of IoT systems research endeavors possibly will mark possible solutions for underprivileged groups for instance, IoT systems to support persons having physical disabilities. The comparatively small cost of experimental structures for IoT too makes this technology an excellent candidate for organizations with limited resources. IoT presents the possibility to help mass by providing direct support to the community and its requirements.

Workshop Summary:

The resource persons from Teck Team Solutions were Mr. VENKAT REDDY (CEO), Mr. PARTHU and Mr. MALLESH. Total 104 students have participated in this workshop. Sensors, Arduino kits and connecting equipments were provided to the students. During these three days, students had an exposure to wide-ranging contents related to IoT.

The foremost headlights of the workshop are given below:

Day 1:

- Preface to IoT and its applications.
- Introduction to Embedded System and its utility.
- Disparities between Microprocessor and Microcontroller.
- Different forms of Arduino board such as Arduino Uno, Arduino Uno R3 SMD, Arduino Nano, Arduino mini (Power supply, clock speed, Digital I/O, Analog Input, PWM modulation and diverse types of interfacing.
- Steps to install ARDUINO software and pin description of Arduino.
- Interfacing and controlling various devices like LED, IR sensors with Arduino.
- Two examples have been taken as a hands-on such as LED glow, RGB.

Day 2:

- Explanations of different sensors like Gas sensor, Ultra sonic sensor, Light dependent resistor.
- Interfacing and controlling various sensors and resistors.
- Interfacing of Gas sensor (MQ2) with Arduino along with buzzer facility.
- Interfacing Light Dependent Resistor (LDR) along with LEDs with Arduino.

• Interfacing Ultra Sonic Sensor with Arduino which is used to determine distance and count of people.

Day 3:

- Description of LCD and Bluetooth module with specific reference to Interfacing.
- Interfacing and controlling LCD (16*2) with Arduino.
- Interfacing Wi-Fi Module with Arduino using Think speak open source platform.
- Interfacing Bluetooth (HC05) module with Arduino and tested using Arduino Voice Control App.
- Interfacing DHT sensor (Digital Humidity and Temperature sensor) with Arduino used for weather monitoring.

At valedictory ceremony, the participants were awarded the certificates and provided with the kit to continue their journey with IoT. Also competitive hands-on problem has been given to the students they performed very well and two groups have been identifying for extra ordinary effort. The ceremony and function came to an end with a group photo session.

Skills Gained:

- Development of employable skills to explore job opportunities in embedded system and IoT.
- Learning of the various sensors with the Arduino along with the enlargement of coding skills.
- Understanding the contributions of IoT in the field of automation and gained sensitization towards the solution of different problems associated with the humanity.

Conclusion:

In this workshop, a fair knowledge about IoT, embedded system and various sensors is discussed along with the interfacing with Arduino. Students were encouraged to find solution for mass by facilitating direct support to community through IoT.

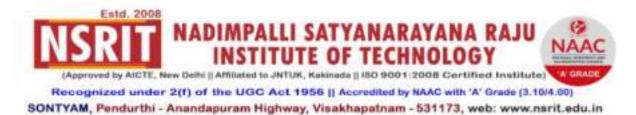
Workshop Events at a Glance





Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By: Dr. B. Siva Prasad, HOD ECE Department NSRIT, Visakhapatnam.



Report on

A Two-day National Level Project Expo 'TechSpardha 2023'

Title: TechSpardha 2023 Category: Project Expo cum paper presentation Date: 03-03-2023 to 04-03-2023 (2 days) No. of Participants: 350+ Project Teams: 50 Paper presentation teams: 15 Poster Presentation teams: 20 Organizers: Department of ECE, NSRIT Sontyam, Visakhapatnam-531173

Mode: Offline

Objective:



The TechSpardha 20233 provided a platform to the students to showcase their projects to people from academic and engineer community. The major goal of this event to provide a juncture to the students to discuss their ideas and project work through various tracks like hardware project expo, paper and poster presentation. Students from different colleges have been participated in the event to showcase their projects and presented their technical papers in the form of computer and poster presentation. The various real life problems were addresses by students in terms of projects based on IoT, latest wireless sensors networks, medical applications and related to power transmission.

About TechSpardha 2023:

The Department of Electronics and Communication, NSRIT Visakhapatnam has prearranged a two-day project expo based on the innovation ideas in the forms of hardware projects to address real life problems 'TechSpardha 2023' from March 3, 2022 to March 4, 2023 through offline mode.

This expo was in association with IETE, India. The primary objective of organizing this project expo to provide a good platform and unbridle the latent potential of the students by showcasing their projects based on the real life problems whether its related to daily routine of human being, agriculture, medical or power related problems. The prime outcome of this event was the engineering platform which was provided to share their ideas also activities like paper and poster presentation enhances the confidence among the students with genuine feedback from the domain experts.



Hardware prototypes prepared by the students were based on the real problems in the field of agricultural, medical and power areas. The prototypes were based on the IoT, embedded system, Wireless Sensor Network and web technologies. Therefore, it attracted 350+ students from different branches to attend this event. 50 projects were displayed, 15 group have participated in the paper and 20 poster presentation events. In order to motivate students, prizes of worth ₹ 20,000 were distributed to the students under different categories. Department of Electronics and Communication Engineering NSRIT Visakhapatnam always believe in providing these types of platforms to support student's professional growth and has pulled its resources to organize this two-day event.

TechSpardha Summary:

The dignitaries present in the inauguration ceremony were **Dr. N. Prasada Raju**, **Secretary NSRIT, Shri N. Kanak Raju, Treasurer, NSRIT** and **Dr. J. Raja Murugadoss, Director, NSRIT.** The program started with a prayer from **Ms Vaishnavi** and lamp lightening at the ECE Department. All the dignitaries and participants were welcomed by **Dr. B. Siva Prasad**, Convener and Head of the ECE Department, NSRIT gave the welcome address and shared TechSpardha dynamics to all the participants.

Dr. J. Raja Murugadoss, Director, NSRIT addressed the participants and welcomed the Chief Guest Col. Prof. (Dr.) G. S. N. Raju, Vice Chancellor, Centurion University, AP. The brief introduction of our chief guest was given by Mrs. E. Manema, Assistant **Professor.** He addressed the participants and motivated the Department of ECE for the event. Our chief guest shared some wonderful experiences with the participantS related to Science and Engineering virtue. He stressed on the importance of realizing your solution in terms of hardware prototypes so that Lab-to-Land conversion can be materialised. After that participants were addressed by Dr. N. Prasada Raju, Secretary NSRIT Visakhapatnam. He gave a motivational speech to the participants and stressed on the importance of interdisciplinary approach to address engineering problems. The inaugural program was attended by the 180 participants from various colleges. The vote of thanks was given by Mr. Y. Sravana Kumar, Assistant Professor, he thanked the chief guest for accepting our invitation and gracing the occasion. He also thanked NSRIT management, administration and the participants present in the event. Finally, Dr. B. Siva Prasad, HoD, Department of ECE official announces the TechSpardha 2023 and accompanied our dignitaries towards the project expo area.

Inaugural function at a Glance



Day 1:

The first day of the event was dedicated to the showcasing of the projects based on the hardware. All the projects were displayed in the Department of ECE systematically so that participants can visit all the sites properly. **Dr. B. Siva Prasad, HoD, Department of ECE** escorted our Chief guest and dignitaries to all the projects displayed one by one. The senior faculties of the college Dr. N.V.S.S Suryanarayana, Dr. R.S.R Krishanam Naidu, Mr. V.V.S.S.R Krishanmurthy, Mrs. M.V.S. Roja Ramani, Mrs. A. Kamalapriya and Mrs. B. Usha Rani have participated in the evaluation process of all the displayed projects.

Day 2:

The second day of the event was dedicated to the paper and poster presentation. In the first session all the participants have presented a total of 15 papers in front of the evaluators **Dr. K. Ravi Kumar, Professor ECE Department, Dr. Virender Singh, Assistant Professor, ECE Department** ECE seminar hall. The second session on day 2 was dedicated to the poster presentation. More than 20 papers were showcased in the department premises. Mr.B.Ravichandra, Assistant Professor and Mr. K. Rajasekhar, Assistant Professor were the evaluators of the poster presentation. At the end of the day valedictory ceremony was organized in the ECE seminar hall.

Valedictory Session:

At the end on day 2, valedictory session was organized. The special guest for this session was **Mr. Dinesh Kumar Hirawat**, **HMI Engineering services.** In his speech, he specially mentions the role of converting ideas into physical prototyping. In order to motivate student prices of worth ₹20,000 were given to the students. After evaluation of prototypes-based projects, first prize of worth 5,000 was given to the first winner, ₹2,000 to the second and prize of ₹1,000 to the third winner of the hardware project expo held on day1. Next prize to the winner of paper presentation was given ₹1,000, ₹500 and ₹300 to the first, second and third winner respectively. The last category of award was poster presentation where prizes ₹1,000, ₹500 and ₹300 to the first, second and third winner of ₹2000 was

given to the project showcased by diploma students for the set up of the prototype beautifully.

Dr. B. Siva Prasad, Convener & HoD ECE Department gave the vote of thanks. He recalled each session briefly with special thanks to the Chief guest **Col. Prof. (Dr.) G. S. N. Raju, Vice Chancellor, Centurion University, AP**. He thanked **Secretary, NSRIT Dr. N. Prasada Raju, Treasurer, NSRIT Shri N.Kanak Raju and Director NSRIT Dr. J. Raja Murugadoss.** At the ends, Dr. B. Siva Prasad thanked all the ECE department for the success of this event. He also thanked to all the participants for participating in the event with great enthusiasm.

Conclusion:

In this report the complete happenings of the project expo TechSpardha 2023 scheduled from march 3 to march 4, 2023 is discussed briefly. It was a great platform for the participants to share their ideas with engineering communities and was a value addiction to their knowledge.

Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By: Dr. B. Siva Prasad, HOD ECE Department NSRIT, Visakhapatnam.

TechSpardha Schedule

Day1:

Inaugural Ceremony
Hardware project expo
Paper presentation
Poster presentation
Valedictory function

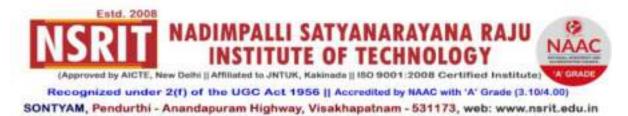
TechSpardha 2023 at a Glance











Webinar Report

Title: Technical Paper Writing

Category: Webinar

Date: 30-08-2022

No. of Resource Persons: 1

No. of Participants: 120

Faculty: 5

Student: 120

Organizers: Department of ECE, NSRIT, Visakhapatnam.

Mode: Online

Resource Persons:

Dr. Luxmi Naryana Thalluri, Associate Professor, Department of ECE, Andhra Loyola Institute of Engineering and Technology, Vijayawada, AP, India

Department of ECE & NSRIT IETE student's forum Visakhapatnam organized a Webinar on "Technical Paper Writing" on 30th August 2022 from 11:00 am to 12:00 pm in ECE seminar hall. The resource person for the webinar was Dr. Luxmi Naryana Thalluri, Associate Professor, Department of ECE, Andhra Loyola Institute of Engineering and Technology, Vijayawada, AP, India. The webinar was attended by 120 students and 5 faculty members. The speaker was heartily welcomed by Dr. K. Ravi Kumar, Professor, NSRIT. Dr. Siva Prasad, HOD ECE Department, NSRIT thanks the speaker and motivated the organizers for this event. He further stressed on the technical writing for students so that whatever research or experiment they conduct, should be able to report in terms of technical paper. He said that the purpose of a technical paper writing is to completely and clearly describe technical work, why it was done, results obtained and implications of those results. The technical report serves as a means of communicating the work to others and possibly providing useful information about that work at some later date.

The speaker Dr. Luxmi Naryana Thalluri discussed the basics components of the technical paper writing. He discussed in details about abstract writing along with the components of the introduction of the topic. In the next part he discussed the immense requirement of literature survey, which is one of the most important portions of the technical paper. Any researcher or scientist only can progress in any topic, if he or she have the proper knowledge in that domain with up-to-date literature. Next, he discussed about the methodology component. At the end he discussed the result and conclusion component along with the importance of the references.

At the end he addressed the various queries and doubts to students. The vote of thanks was given by Mr. K. Rajasekhar, Assistant Professor, NSRIT to Dr. Luxmi Naryana Thalluri giving the valuable time.

As per the feedback received from the participants it was a very good learning experience, the lecture helped them in understanding the basics of Technical Paper Writing.

Webinar Flyer



Prepared By: Dr. Virender Singh (Coordinator)

Checked & Approved By: Dr. B. Siva Prasad, HOD ECE Department NSRIT, Visakhapatnam.