

6.5.2. The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms:

Yes. The ensuing endeavors delineate the pursuits of the Internal Quality Assurance Cell (IQAC) in the pedagogical realm, specifically within the ambit of the Teaching-Learning Process.

1. Formulation of Academic Regulation 2023 in line with NEP 2020
2. To formalize the direct assessment tool in the form of video for laboratory courses
3. Review on the quality of Content Delivery (Curriculum Delivery)
4. Review on the Learning Outcomes and Facilitating the Calculation of the Student Learning Outcomes
5. Ascertaining the Students Attendance in the Process of Teaching – Learning Process

Formulation of Academic Rules and Regulations 2023

The IQAC plays a critical role in the formulation of the academic rules and regulations 2023 by suggesting few curricula components in accordance with the core values of NEP 2020 as furnished below.

1. Introduction of Multiple Entry – Multiple Exit (ME- ME)
2. Introduction of Academic Bank of Credits (ABC) facilitating point #1
3. Introduction of Skill Oriented Courses

Implementation of Direct Assessment Tool for Laboratory Courses other than the existing conventional ones

The IQAC constituents have proposed the incorporation of an additional direct assessment instrument aimed at gauging metacognitive prowess and laboratory course mastery, manifesting in the form of self-reflective video submissions. Learners are anticipated to upload said videos onto the Learning Management System (LMS) portal for assessment, wherein evaluation aligns with predetermined learning outcomes relative to Course Outcomes (COs) and Program Outcomes (POs). This supplementary tool complements the prevailing conventional methodologies, and the implementation of rubrics is also recommended for the comprehensive evaluation of learning outcomes.

Review on the quality of Content Delivery (Curriculum Delivery)

Yes. The IQAC, in its evaluative purview, manifests its influence by deploying a designated member from IQAC appointed by the office of IQAC to oversee the meticulous monitoring of curriculum delivery. As elucidated in antecedent AQAR documentation, this undertaking is a perpetual facet within the academic milieu of NSRIT, fostering an accommodating ambiance through methodically orchestrated sessions convened to scrutinize the calibre of content deliverables and the efficacy of curriculum delivery. The committee entrusted with the monitoring of curriculum delivery comprises esteemed individuals including the Head of the Department, course instructors, the class teacher, and student representatives encompassing both conventional and lateral entries.

The ambit of these deliberations extends to certifying the excellence of content delivery and ensuring comprehensive coverage of content deliverables on two occasions during a semester, preferably during mid-term assessments. The representative from IQAC assumes the role of a discerning observer,

facilitating a constructive exchange of feedback on curriculum delivery between course instructors and students. The actionable insights derived from these assessments are subsequently subjected to review in subsequent sessions or interim evaluations to effectuate prompt corrective measures, obviating any protracted delays in refining the feedback loop for the enhancement of the overall quality of delivery.

Review on the Learning Outcomes and Facilitating the Calculation of the Student Learning Outcomes

The IQAC assumes a pivotal role in the development of computer-based applications designed for the computation of student learning outcomes, specifically program outcomes derived from course outcomes. Annually, the IQAC orchestrates a comprehensive review mechanism, availing itself of external expertise, preferably sourced from esteemed institutions, as an integral component of the AQAR review process.

Ascertaining the Students Attendance in the Process of Teaching – Learning Process

Within the pedagogical realm, the consistent presence of students throughout instructional sessions holds paramount significance in augmenting optimal learning outcomes. In this vein, the IQAC assumes a marginal yet pivotal role, undertaking the periodic scrutiny of student attendance, conducted at least once per semester through a meticulous examination of attendance registers. This endeavour fosters a transparent academic environment, a prerequisite of utmost importance for an autonomous institution. It serves as a mechanism to ensure that the institution maintains a perpetual awareness of its processes, always under vigilant scrutiny for continuous monitoring and improvement.

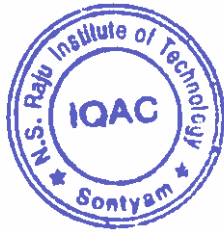
In addition to the above, few more self-set mandates are also kept over IQAC team for quality enhancement taking feedback on the institutional performance along with the few more initiatives as furnished below.

1. The Institution Innovation Council (IIC) underwent reconstitution, now comprising 18 internal members, 4 external members, and 16 student members.
2. A comprehensive Student Satisfaction Survey (SSS) was executed, focusing on the effectiveness of the Teaching-Learning process.
3. On the 20th of January 2023, an enlightening Awareness Session on Intellectual Property Rights (IPR) was conducted in collaboration with the Chennai Patent Office and the Ministry of Education under the NIPAM scheme, attracting the participation of 169 students and 22 faculty members.
4. The AQAR for the academic year 2021-2022 was formally submitted on the 7th of February 2023.
5. An online review meeting for AQAR was conducted on the 3rd of February 2023, featuring the expertise of Dr. Prince Arul Raj from Karunya University.
6. The IQAC Coordinator participated in an online training program organized by AISHE on the 20th of February 2023.
7. A webinar on the Academic Bank of Credits was conducted on the 20th of February 2023, with Mr. Ravi Pandey, Nodal Officer from the National Academic Depository in New Delhi, enlightening faculty members on ABC.
8. A webinar conducted by AICTE on the Approval Process for 2023-2024 was attended by the IQAC Coordinator on the 10th of February 2023.
9. On the 27th of August 2022, External Academic Audits were carried out for the departments of Computer Science and Engineering (CSE), Computer Science and Management (CSM), and Computer Science and Design (CSD) by Dr. Ch. Rajeswara Rao, an esteemed Professor of Computer Science & Engineering at JNTUGV, Vizianagaram.
10. Similarly, the External Academic Audit for the Department of Electronics and Communication Engineering (ECE) transpired on the 20th of August 2022, conducted by Dr. P. Rajesh Kumar, a

Professor specializing in Electronics & Communication Engineering at A U College of Engineering, Visakhapatnam.

11. On the 20th of August 2022, an External Academic Audit was administered for the departments of Civil Engineering (CE), Electrical and Electronics Engineering (EEE), and Mechanical Engineering (ME) by Dr. Adi Seshu, a distinguished Professor of Civil Engineering from A U College of Engineering, Visakhapatnam.
12. Two faculty members were selected and deputed at the state level by APSCHE as Q-Mentors for NAAC Accreditation.
13. Two faculty members underwent training in UHV-I, acquiring the necessary certifications.
14. A training program on Design Thinking by Intellect Design Arena, Chennai, was organized on the 4th and 5th of July 2022, benefiting 15 faculty members and aimed at extending consultancy services and in-house training.
15. Dr. N. V. V. S. Suryanarayana and Dr. K. S. D. L. Kalyan Prasad underwent a training program on NAAC organized by APSCHE at JNTUGV, Vizianagaram.
16. Registration on the PARAKH portal was also accomplished.
17. The institution successfully registered on the KAPILA portal and uploaded patent details to facilitate funding opportunities.
18. Regular internal academic audits, involving members of the Internal Quality Assurance Cell (IQAC), were diligently conducted in every semester

FOR IQAC




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



**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**



IIIrd year B.Tech

Name of the Meeting	CDMC	Ref. No.	Circular No. NSRIT (A) / CDMC Meeting / 2022 - 2023 B / Feb 05, 2023	
Platform	Zoom/Offline	Date	14/2/23	Time 11:30 AM
Members Present	Students: M. Bhanu, P. Bhanu, S. Vivek, Chandan mooli			
	Faculty: Dr. Naveen, B. Geeta Raj			
	Observer: Dr. Suresh Narayana			

Sl. No.	Points Discussed	Responsibility	Target Date
1	DMM-II - Data Book Explanation needed	K. Ram prasad	Continue process
2	MMM - More Explanation needed	G. Siva Sai	Continue process
3	CAO/CRM - PPT Required	N. Suneel	Continue process
4	CAAD Lab - Not at started	K. Ram prasad	
5			
		Prepared by	The Class Teacher
		Approved by	The HoD

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→ Students asked to conduct Go-Kart Events (or) Workshops.

Conveyed the feedback to all the members at the capacity of class teacher and rectified the issues. Feedback is crosschecked with the students also

K. S. 24/2/23



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INSTITUTE OF TECHNOLOGY**



Approved by AICTE, New Delhi & Affiliated to APJKTU, Kakinada (An ISO 9001:2015 Certified Institute)
Recognized under 23) of the UGC Act 1956 & Accredited by NAAC with 'A' Grade (3.18/4.00)
SOWTHAM, Pundarikoti - Anantapuram Highway, Yadduripatnam - 521172, Pk : 985024187, 989494348, www.nsr.it

Internal Quality assurance Cell Attendance registers Monitoring Phase-II (Academic year: 2022-23) Dept: EEE Date(s) of Audit: Nov. 9 – 11, 2022

No.	Course	Faculty	T. T	AC	Mid Split up	Course Plan	Att Entries	Dairy	Syllabus	Signatures
3 rd Semester										
1	Numerical Methods and Transforms	NVS Pallavi	√	√	√	√	√	√	√	√
2	Electronic Devices and Circuits	K.SV. Ramanaji	√	√	√	√	√	√	√	√
3	Electrical Circuit Analysis	P. Divakar	√	√	√	√	√	√	√	√
4	DC Machines and Transformers	K M M Tarakesh	√	√	√	√	√	√	√	√
5	Power Generation and Transmission	V Usha Rani	√	√	√	√	√	√	√	√
6	Electronic Devices and Circuits Lab	Y H D Aparna/ VijayaSri	√	√	NA	√	√	√	√	√
7	DC Machines and Transformers Lab	Tarakesh/ YaminiKS Ramanjaneyulu	√	√	NA	√	√	√	√	White fluid used in names
8	Electrical Circuit Analysis Lab	P Mahesh /B. Divakar	√	√	NA	√	√	√	√	√
9	MATLAB	Amalawari/ Yamini V.Usha Rani	√	√	NA	√	√	√	√	√
10	Constitution of India	K Naveen	√	√	√	√	Overwriting in the entries	√	√	√
11	CEMS	P Mahesh	√	√	NA	NA	√	√	√	√
12	Professional Bodyactivities	Yamini	√	NA	NA	NA	√	Not updated		
5th Semester										



1	Power Distribution and Distributed Generation	K Naveen	√	√	√	√	√	√	√	Over writings in the month of November
2	Power Electronics	Dr R S R K Naidu	√	√	√	√	√	√	√	
3	Digital System Design	Y H D Aparna	√	√	√	√	√	√	√	
4	Digital Control System (PE1)	S Yamini	√	√	√	√	√	√	√	
5	IRES (OE1)	Sahitya devi	√	√	√	√	√	√	√	
6	Digital System Design Lab	Y H D Aparna	√	√	NA	√	√	√	√	
7	Power Electronics Lab	R Amaleswari/ D Sahitya Devi	√	√	NA	√	√	√	√	
8	Intellectual Property Rights and Patents	M. Madan Sekhar	√	√	√	√	√	√	√	
9	Technical Paper Writing	A Bala Raja Ram	√	√	√	√	√	√	√	Over writings, more classes were taken
10	MTP	A Bala Raja Ram								
11	CEMS		√	√	NA	NA	√	√	√	√
12	Internship	Usharani	√	√	NA	NA	√	√	√	





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INSTITUTE OF TECHNOLOGY
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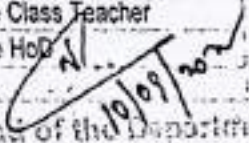



Name of the Meeting: CDMC ✓
Platform: Zoom/Offline
Ref. No.: Circular No. NSRIT (A) / CDMC Meeting / 2021 - 2022 / 3 / Jan 29, 2022
Date: 10/09/22
Time: 11:30 AM

Members Present
Students: D. Vivek, D. Soovasa Lakshmi, S. Manoj Kumar
Faculty: Dr. P.N.E. Naveen, B. Usha Bai, Dr. N. Pallavi
Observer: Dr. N. Sujay Narayana, IQAC

Sl. No.	Points Discussed	Responsibility	Target Date
1	About Industrial Visits, Workshop		
2	Course feedback - (1) Students given 2 point scale on CDMC course (2) Unable understand the procedure of problem taught by faculty (Kotisha Kumar)	Submit Proposal with another task	19/09/22
3		Mo. Approved	
4		Prepared by	The Class Teacher
5		Approved by	The HoD

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 Head of the Department
 Mechanical Engineering
 N.S. Raju Institute of Technology
 Vengal Rao Nagar, Visakhapatnam - 531 127


I received the feedback and rectified

 28/09/22





**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**



Name of the Meeting	CDMC	Ref. No.	Circular No. NSRIT (A) / CDMC_Meeting / 2021 - 2022 / 3 / Jan 29, 2022	
Platform	Zoom/Offline	Date	21/10/22	Time
Members Present	Students: A. Deepthi, V. Vamsi, S. Vinay Faculty: Dr. P. Neelam, Ch. Krishna murthy, B. Usha Devi Observer: Dr. N. Suresh Narayana, IQAC			
Sl. No.	Points Discussed	Responsibility	Target Date	
1	About Industrial Visit & Workshop on Drone Technology	Performed to	Wed	
2	Course feedback	Respective faculty	24/10/22	
3	(1) More explanation needed for	Upload the content in	LMS (24/10/22)	
4	MMS Subtext	by LMS Director	The Class Teacher	
5	(2) Notes should be provided for MP	Prepared by	The HoD	
		Approved by	 21/10/22	

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Head of the Department
Mechanical Engineering
N.S. Raju Institute of Technology
Nadimpalli, Srisastrya Nagar, 500082





**MADIMPALI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**




Name of the Meeting	CDMC ✓	Ref. No.	Circular No. NSRIT (A) / CDMC Meeting / 2021 - 2022 / 3 / Jan 28, 2022	
Platform	Zoom/Offline	Date	04/11/22	Time
Members Present	Students:	D. Vivek, D. Sravan Laksh, S. Manoj Kumar		
	Faculty:	Dr. P.N.E. Naveen, Ch. Krishna Murthy, Dr. N. Pallavi		
	Observer:	Dr. N. Surya Narayan, IQAC		

Sl. No.	Points Discussed	Responsibility	Target Date
1	Course feedback - Students unable understand faculty content of teaching and following problem procedures. (S.S Rao)	Counselled to faculty and asked to upload more video on LMS platform	7/11/22
2			
3			
4			
5			

Prepared by	The Class Teacher
Approved by	The HoD

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WV
IQAC


 Head of the Department
 Mechanical Engineering
 I.S. Raju Institute of Technology (A)
 Visakhapatnam-531473

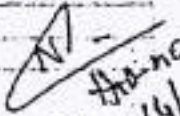


**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**



IVth year 2nd Sem.

Name of the Meeting	CDMC	Ref. No.	Circular No. NSRIT (A) / CDMC Meeting / 2022 - 2023 / Feb 06, 2023	
Platform	Zoom/Offline	Date	6/2/23	Time : 11:00 AM
Members Present	Students: B. Jagadeesh, Ch. Karthik, P. Vinaya Teja, N. Lakshay Lokesh Faculty: Dr. B. N. E. Navan, B. Usha Devi Observer: Dr. Sujaya Shreyas			
Sl. No.	Points Discussed	Responsibility	Target Date	
1	PDE - Not upto the mark	T. Krishna Kumar	22 Feb 2023	
2	FES lab - IV - I sem, lab not handled and marks also assigned very low including Topper	-	Last Sem Lab	
3	protest status should completed by before march month	B. Usha Devi	28 Feb 2023	
4		Prepared by	The Class Teacher	
5		Approved by	The HoD	
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 HoD
 14/2/2023
 Head of the Department
 Mechanical Engineering
 N.S. Raju Institute of Technology
 Nadimpalli - 504127

NSRIT NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)



2nd year 2nd sem

Name of the Meeting Platform: COMC
 Zoom/Office: [Blank]
 Students: A. Dhanu, N. Vaishnavi, P. Kishor, V. Vasy, B. Prathik
 Faculty: Dr. Anand, B. Balu
 Observer: Dr. Anand

File No: [Blank]
 Date: 10/02/23
 Order No: NSRIT (A) / COMC Meeting / 2022 - 2023 (2) / Feb 09, 2023
 Time: 11:00 AM

Sl. No.	Points Discussed	Responsibility	Target Date
1	1. [Blank] - [Blank] [Blank] [Blank]	Dr. Anand	10/02/23
2	2. [Blank] - [Blank] [Blank] [Blank]	[Blank]	15/02/23
3	3. [Blank] - [Blank] [Blank] [Blank]	[Blank]	10/02/23
4	4. [Blank] - [Blank] [Blank] [Blank]	[Blank]	10/02/23
5	5. [Blank] - [Blank] [Blank] [Blank]	[Blank]	10/02/23

Prepared by: [Blank]
 Approved by: [Blank]

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Student can writing the above labwork conducted by Department
 from 02 Feb 2023 On 20-paite.

Dr. Anand
 10/02/23