



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Dr.S.V.Uma Maheswara Rao
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08933202167
Mobile no.		9533033334
Registered Email		principal@nsrit.edu.in
Alternate Email		secretary@nsrit.edu.in
Address		Sontyam , Anadapuram-Pendhurthi Highway, Vishakapatnam-531173
City/Town		VISAKHAPATNAM
State/UT		Andhra Pradesh
Pincode		531173

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.N.V.V.S.Suryanarayana
Phone no/Alternate Phone no.	08933220125
Mobile no.	9533033334
Registered Email	iqac@nsrit.edu.in
Alternate Email	office@nsrit.edu.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://nsrit.edu.in/admin/img/cms/AOAR-2018-19new.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.nsrit.edu.in/student_accalen dar.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.10	2017	12-Sep-2017	11-Sep-2022

6. Date of Establishment of IQAC	01-Jun-2015
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Quality Assurance in	01-Jun-2020	113

Higher Education: Role of Industry and Professional Bodies	1	
Application is prepared and applied for Autonomous	01-Jan-2020 90	2000
Applying for Faculty Ratification at JNTUK	01-Jul-2019 6	70
Applying for 12B	02-Jan-2020 7	113
Renewal of ISO Certification	12-Dec-2019 3	113
Quality enhancement, Assessment and Accreditation of Engineering Colleges	06-Nov-2019 1	2
Convergence of Technology-Pedagogy in Engineering Teaching and Research	01-Nov-2019 1	1
Google classroom	23-Oct-2019 6	113
Outcome Based Education and its implementation conducted by NITTTR, Chennai	21-May-2019 5	40
Participation in NIRF	14-Nov-2019 45	113
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. G. Satyanarayana	MSME	MSME	2019 40	67000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	6
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes

Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	35000
Year	2019

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Identified and provided training to all members of faculty to implement online teaching - learning during pandemic and enabled the members of faculty to complete the pending syllabus through online mode 2. Identified and created an online learning ecosystem and facilitated all the members of faculty to take online certification courses for capacity building during the pandemic taking the necessary support of the respective Head of the Department 3. Apart from academic, the members of IQAC has taken a very keen initiative to provide safe academic premises to the members of faculty and students to avoid spreading of COVID 19

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
To conduct Virtual Classes and Labs	e Contents were made available for the students, to cope up with the situations like COVID Lockdown.
Internal academic audit of the departments	Ensures transparency and verification/checking of smooth functioning of the department
Physical verification of laboratory	Completed Verification and updating of the lab equipment and infrastructure
Student and Parent Orientation Program	Awareness created about facilities, functioning and culture of the Institution. Further guide lines and course regulations with course structure was explained.
To offer value added courses for students	MoU with APSSDC
Review of Performance Based Appraisal System	To meet the current requirements and standards of Higher Education in India
Review and Analysis of Academic Results	Analysis and Compilation of Results
Celebrate Days of National Importance	National level festive events like Independence Day, Republic Day, Women's Day etc. are celebrated to promote

	equality and instill a feeling of nationality among the students.
Hostel accommodations for girls and boys	In the direction of providing boarding lodging with adequate facilities to all the students within the campus.
Session on Intellectual Property Right	Seminar on IPR and Patents was organized by IQAC Cell.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Body and Wetting Committee	28-Nov-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	22-Aug-2019
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	04-Feb-2020
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"> • The MIS software referred to as ECAP(Engineering College Automation Package) fulfills all the requirements of the College. • Tally accounting software used in accounts section . • ECAP aims at immediate availability of data in required formats, ease of work of staff and management , increase in transparency ,accountability and in administration. • This application can be used through Internet or Intranet . • Library uses ECAP software package which is integrated multi user, multitasking library information software that supports all in house operations of the library. • The software has all inbuilt facilities required for library automation out of which we have availed service package containing : 1. Acquisition 2.
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Catalogue 3. Circulation 4. Serial Control 5. OPAC. • The database of books available in the library is being updated on day to day basis. • Use of software in the administration unit helps to view the fee category wise, students data, admission status for all classes, caste and category wise students statistical report ,admission summary report etc.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Yes. The Institute has a well-defined mechanism in place to monitor the curriculum delivery and documentation. Curriculum Delivery Plan: As the Institution is affiliated to Jawaharlal Nehru Technological University Kakinada, the Institute is bound to follow the academic calendar as issued by the parent university for curriculum delivery. Accordingly, the Institute prepare its own academic calendar every year in line with the parent university indicating the instructional and assessment period. All the departments are involved in scheduling academic, co-curricular and extracurricular events to enrich the learning process. All departmental events and committee activities are mentioned in academic calendar to facilitate effective documentation. This process is smoothly handled by HOD. Subsequently the respective Head of the Department, allocates the courses to the members of faculty well in advance before the commencement of the classwork based on the faculty specialization and earlier track record of the faculty performance in that particular course.

Based on the course allotment, the members of faculty plan their course delivery in the form of "Course Plan" which normally includes the complete plan of action to deliver the syllabus as prescribed by the university and lecture plan is also prepared suitably. The prepared course plan and lecture plan are well documented in their respective course file. Further, the course plan is disseminated to all the relevant stakeholders well in advance. HOD's Meeting:

HOD's Meetings are held once in a week and minutes are noted. Head of the Department discuss their action plans to arrive an optimal and effective way. Curriculum Delivery Monitoring and Documentation: The Institute adopts twofold mechanism to monitor the effectiveness of curriculum delivery and adherence to the course plan viz. (1) Students' Feedback Mechanism on Curriculum Delivery and (2) Class Review Meeting. The students' feedback mechanism on curriculum delivery is deployed twice in a semester through online mode to understand the effective of course delivery and the teaching - learning process through feedback comprising of pertinent questions. With regard to the class review meeting, the meeting is organized twice in a semester inviting few students to represent that particular class, course instructors and the Head of the Department with an agenda to ensure the timely completion of syllabus, effectiveness of teaching - learning process, availability of learning resources and suggestions to improve the quality of course delivery. And the proceedings of the meetings are documented in addition to the documentation completion of syllabus in the class attendance registers. In case of any deviations are observed either with (1) or (2), the respective Head of the Department counsels the respective member of the faculty for corrective action and in the next meeting the action taken report is confirmed to ensure

curriculum delivery. Institution encourages all teachers to attend FDPs/workshops/seminars to update themselves and ensure effective curriculum delivery. The institution has a well-maintained central library, with latest books and journals required for curriculum delivery. IQAC conducts Internal Academic Audit at the end of every semester which helps to ascertain that adequate and effective quality assurance mechanisms.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
APSSDC, SIEMENS (Basics of Process Instrumentation)	NA	25/11/2019	4	Employability	Skill Development
APSSDC, SIEMENS (Basics of PLC)	NA	01/07/2019	4	Employability	Skill Development
APSSDC, SIEMENS (Basics of Induction Motor)	NA	25/11/2019	4	Employability	Skill Development
Career Edge by TCS-ion	NA	22/04/2020	10	Employability	Skill Development
APSSDC, Internet of things Phase 1	NA	18/07/2019	3	Employability	Skill Development
APSSDC, PCB Design Fundamentals Phase 1	NA	22/07/2019	6	Employability	Skill Development
APSSDC, Basics of ROBCAD	NA	27/01/2020	6	Employability	Skill Development
Applied Robotic Control 2.0 by European center for Mechatronics, Aachen in association with APSSDC	NA	23/11/2019	19	Employability	Skill Development
APSSDC, Revit Structure	NA	16/09/2019	6	Employability	Skill Development
Applied Robotic	NA	29/01/2020	30	Employability	Skill Development

Control 3.0
by European
center for M
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Aachen in
association
with APSSDC

Appleton I
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things (IOT)

NA

03/06/2019

12

Employabil
ity

Skill
Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MBA	Finance-Security Analysis and Portfolio Management- MB1635 (PG)	18/11/2019
Mtech	TE-Renewable Energy Technology (PG)	07/02/2020
Mtech	PSCA - Renewable Energy Technologies, HVDC Transmission (PG)	16/09/2019
BTech	CE-Environmental Impact Assessment &Management	18/11/2019
BTech	CSE-Artificial intelligence & Neural Networks	18/11/2019
BTech	CSE-Mobile computing, Software project management	10/06/2019
BTech	ECE-Electronic Switching Systems	10/06/2019
BTech	ECE-Wireless sensors & Networks	18/11/2019
BTech	ME-Additive Manufacturing	10/06/2019
BTech	ME-Non-Destructive Evaluation	18/11/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	10/06/2019
BTech	Civil Engineering	18/11/2019
BTech	Computer Science and Engineering	10/06/2019
BTech	Computer Science and	18/11/2019

	Engineering	
BTech	Electronics and Communication Engineering	10/06/2019
BTech	Electronics and Communication Engineering	18/11/2019
BTech	Electrical and Electronics Engineering	10/06/2019
BTech	Electrical and Electronics Engineering	18/11/2019
BTech	Mechanical Engineering	10/06/2019
BTech	Mechanical Engineering	18/11/2019
Mtech	Thermal Engineering	16/09/2019
Mtech	Thermal Engineering	20/11/2019
Mtech	Thermal Engineering	07/02/2020
MBA	HR, MARKETING, FINANACE	08/07/2019
MBA	HR, MARKETING, FINANACE	02/12/2019
MBA	HR, MARKETING, FINANACE	16/09/2019
MBA	HR, MARKETING, FINANACE	17/02/2020
Mtech	Power Systems Control and Automation	16/09/2019
Mtech	Power Systems Control and Automation	17/02/2020

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	369	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Applied Robotic Control 3.0 by European center for Mechatronics, Aachen in association with APSSDC	29/01/2020	17
Applied Robotic Control 2.0 by European center for Mechatronics, Aachen in association with APSSDC	23/11/2019	23
APSSDC-Revit Structure	16/09/2019	34
APSSDC, SIEMENS (Basics of Process Instrumentation)	25/11/2019	7
APSSDC, SIEMENS (Basics of PLC)	01/07/2019	12
APSSDC, SIEMENS (Basics	25/11/2019	15

of Induction Motor)		
APSSDC, Basics of ROBCAD	27/01/2020	31
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CE,EEE,ME,ECE,CSE	85
MBA	Finance,HR, Marketing	105
Mtech	Thermal Engineering ,Power Systems Control and Automation	9
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Process for the feedback taken from the stakeholders</p> <ol style="list-style-type: none"> 1. Alumni Survey Measures the degree to which past students believes they achieved program-level learning outcomes. Overall satisfaction with the program.Overall satisfaction with the program delivery.Information on current professional or academic status.Typically collected every three-four years. 2. Industry/Employers Survey Provides general information on current industry trends. Desirable graduate attributes.Overall perceptions of program quality. Strengths and expectations of graduates. Typically collected every three-four years. 3. In Program Students Survey Measures the degree to which current students believe they are achieving program-level learning outcomes. Overall satisfaction with the program.Overall satisfaction with the program delivery. Typically collected every two years. 4. Existing Students Survey Measures quality of the program and satisfaction with curriculum. An overall program delivery. Collected annually. 5.Senior Academicians/Faculty Survey Provides general information on the quality of the program.Comparison with the syllabus of premier institutes.Strategic directions for program. Satisfaction with curriculum. Collected as required.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CE, EEE, ME, ECE,CSE	546	500	468

Mtech	PSCA, TE	48	20	19
MBA	HR, MARKETING, FINANACE	120	140	118
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1269	281	95	14	4

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
113	70	20	13	1	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes. The Institute has the mechanism to mentor the students by assigning 15 -20 students to each member of the faculty who serves as mentors. First year students will have mentors from the department of Science and Humanities and second, third, fourth year students will have mentors from the parent department. Departmental faculties will continue to be mentors for the same group of students till their graduation. Maintain a detail progressive record of the students. Maintain a brief but clear record of all discussions with students. HOD: The HOD will meet all mentors of his/her department at atleast twice a month to review proper implementation of the system and advice mentors wherever necessary, HOD will also participate in the process of mentoring by taking with minimum two students randomly from each mentee group inorder to minimize dropouts and maximize academic performance through personal counseling, and helping students to relieve all their tension and worries, record the minutes in a book. Contact parents/guardians if situation demands e.g. academic irregularities, unauthorized absenteeism, negative behavioural changes and interpersonal relations, detrimental activities etc.

The following are the activities normally being carried out to support the mentees for their professional and career accomplishments.

- Mentoring is a unique scheme to support the students to improve their learning and leadership skills, motivating them towards their future career development
- Therefore, the college has introduced mentoring to motivate students to excel in curricular, co-curricular and extracurricular activities.
- This scheme aims at the following objectives:
 1. To resolve the academic, non – academic and personal problems issue of the students
 2. To identify problems of the students and to communicate them to the concerned authorities
 3. To help the mentee understand the challenges and opportunities in the college to make a smooth campus life
 4. To guide the slow learners and encourage the advanced learners. Potential and enthusiastic students are mentored for presenting papers and posters in technical symposia, developing models and Apps, participating in Hackathons.
 5. Junior students will be guided and mentored by senior students on co-curricular and extra-curricular aspects. Faculty advisors will motivate and guide students to organize service activities.
- To attain above mentioned objectives mentor mentee scheme was established. The head of the institution, IQAC coordinator and senior faculty monitoring on the mentoring
- Compassion and modesty are most essential qualities of a mentor.
- The mentor is expected to understand the problems of the mentee and should take preventive measures to resolve the issues
- Mentors have been given rights to bring the problems to the notice of the HOD. Mentor regularly interacts with the mentees
- The duties of the mentors are as follows:
 1. The

mentor should maintain the record of mentee 2. The problems of the mentee to be brought to the notice of the HOD. • The mentor should counsel their mentees The mentor should keep the record of their mentees and at the end of the academic year the record should be submitted to the Principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1540	113	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
113	113	28	28	22

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr.G.Rajasekharam	Associate Professor	Utama Acharaya Puraskar awarded from Indian Servers, Hyderabad
2019	Mr. A. Matha Prasad	Assistant Professor	Young Faculty-2019 Award from CEGR organization

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	UG	3/2	05/11/2020	31/12/2020
BTech	UG	4/2	19/09/2020	10/10/2020
BTech	UG	2/1	06/11/2019	02/01/2020
BTech	UG	3/1	07/11/2019	10/01/2020
BTech	UG	4/1	08/11/2019	03/12/2019
Mtech	PG	1/1	24/02/2020	19/08/2020
BTech	UG	1/1	29/01/2020	23/06/2020
MBA	PG	1/1	17/02/2020	19/08/2020
MBA	PG	2/1	02/12/2019	16/03/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the academic regulations issued by the affiliating university Jawaharlal

Nehru Technological University, Kakinada we have developed a mechanism for continuous internal evaluation and assessment procedures. For theory subjects the distribution shall be 30 marks for Internal Evaluation And 70 mark for the End - Examinations, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive - 15, Assignment - 05 Objective -10 . Internal Marks can be calculated with 80 percentage weightage for best of the two Mids and 20 percentage weightage for other Mid Exam as the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester. Once the internal examinations were completed the faculty evaluates the answer scripts, distribute them to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch and marks are displayed on the notice board and in ECAP. Then the HODs conducts a meeting at department level related to the students performance and gives a necessary action plan for further improvement. For laboratory evaluation for undergraduates, the institute conducts two lab internals for 25 marks each. Out of 25 marks, 10 marks for the practical exam, 15 marks were allotted on day-to-day performance and record submission in the laboratory. End semester examination for a laboratory is conducted for 50 marks which is conducted under the supervision of internal lab examiner and external lab examiner as assigned by the university.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar issued by the affiliating university forms the basis for designing the college academic calendar and Department wise academic calendar . To improve the academic standards special hours are incorporated in the college schedule to accommodate the needs to slow learners and advanced learners while creating an environment for all-round development. The academic year schedule is provided by the university in advance and allows scope for incorporation of attributes for progression. Before the scheduled dates prescribed by the University for Internal/mid Examinations the faculty submit the question papers and scheme of valuation to the examination cell. The exams are conducted by the examination cell as per rules set by the affiliating university. Online examinations are also conducted on the same day by downloading the question paper from the university exam portal adhering to the time frame set by the university. As the above mentioned activities are only during specified periods, the other days are allocated to instruction of classes as per subject and no of hours of instruction prescribed by the university and quality initiatives. The calendar year is divided into two semesters, odd semester starting from June to October and even semester from November to April. All activities are planned well within the calendar months incorporating schedule for classes, examinations, labs, seminar, conferences, workshops, training and projects, placement drives along with extracurricular activities.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://nsrit.edu.in/dept.php?d_id=1, http://www.nsrit.edu.in/dept.php?d_id=3, http://www.nsrit.edu.in/dept.php?d_id=2, http://nsrit.edu.in/dept.php?d_id=4, http://nsrit.edu.in/dept.php?d_id=5, http://www.nsrit.edu.in/dept.php?d_id=9

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year	Number of students passed in final year examination	Pass Percentage

			examination		
UG	BTech	CE, EEE, ME, ECE,CSE	219	177	80.82
PG	MBA	HR, MARKETING, FINANACE	52	43	82.69
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://nsrit.edu.in/NSRIT_SSS_2019-2020.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	90	Econ Cylinders Private limited, VSKP	1.5	1.5
Minor Projects	90	Satyadev Precision Engineering WorksVSKP	2.5	2.5
Minor Projects	10	MSME	0.7	0.7
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Six Days student Training workshop on ROBOCad Designing conducted by APSSDC	Mechanical Engineering	27/01/2020
Two Days National Level workshop on Engineering Trends in CBM collabrated with NSTL and orgnized by NSRIT	Mechanical Engineering	29/11/2019
Revit-Structure Conducted by APSSDC	Civil Engineering	16/09/2019
Four Days Workshop on Amazon Web Services Conducted by APSSDC	Computer Science And Engineering	15/07/2019
Three Days Workshop on Cyber Security conducted	Computer Science And Engineering	06/09/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Microcontroller tongue operated system for an ambulation device and method	Dr. R P Das	IPR	04/10/2019	National
System And Method To Preserve Lifetime Personal Healthcare Bigdata Records	Dr. T Satish	IPR	30/01/2020	National

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	ROBOGEN	U Siddhartha Reddy (11NU1A03B2)	ROBOGEN (A P00RNAP0052)	Andhra Pradesh Innovation and Startup Policy 2014-2020	05/01/2019
2	The TEAM CHERRY	NSRIT, SWEKEN Software Pvt. Ltd.	The TEAM CHERRY	AMAZON CHEERY SHOPPING APP, AMAZON CHERRY BROWSER APP, College gate pass system, Web Design, Blog content Creation, Google Search Engine	14/08/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
28500	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

Computer Science and Engineering	1
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	1
Science and Humanities	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	22	2.45
International	Electronics and Communication Engineering	9	1.84
International	Mechanical Engineering	7	1.65
International	Electrical and Electronics Engineering	4	2.3
International	Civil Engineering	2	2.4
International	Science and Humanities	5	2.3

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Science and Humanities	1
Civil Engineering	1
Electrical and Electronics Engineering	1
Mechanical Engineering	3
Electronics and Communication Engineering	1
MBA	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A new design method for higher order	Dr. R. S. R. Krishnam Naidu	SPRINGER	2020	5	NS Raju Institute of Technology	20

discrete systems using polynomial differentiation Technique						
Reactions of Polyhomofunctional Organic Compounds 3.Kinetics of Hydrolysis of 1,2-bis(salicylidinimino) Ethane	Dr. V. Krishna	Natl. Acad. Sci., India, Sect. A Phys.	2020	3	NS Raju Institute of Technology	22
Efficacy of a cobalt- incorporated mesoporous silica toward photo degradation of Alizarin Red S and its kinetic study	Dr. V. Krishna	J Chinese Society	2020	2	NS Raju Institute of Technology	28
Thermo-Mechanical Treated High Strength AA-7xxx Aluminium Alloy by Cold and Cryo-Rolling Study their Mechanical Properties Corrosion and Microstructure Correlation	Dr. V.V. Ravi Kumar	Materials Science Forum	2019	8	NS Raju Institute of Technology	32
Investigations on strain dis	Dr. V.V. Ravi Kumar	Anti-Corrosion Methods	2019	9	NS Raju Institute of	34

tribution, stress based fracture limit and corrosion behaviour of titanium grade-2 sheet during single point incremental forming.		and materials				Technology	
Implementation of multi-objective improved differential search algorithm for optimal parameter selection of stepped frequency pulse train for modern radars	Dr. K.Ravi Kumar	IJRTE	2020	5	NS Raju Institute of Technology		26
An Image Denoising Framework Based on Patch Grouping in Complex Wavelet domain	Dr. B. Chinna Rao	IJATCSE	2019	7	NS Raju Institute of Technology		24
Fuzzy Based Adaptive Thresholding	Dr. B.Chinna Rao	IJSTR	2019	6	NS Raju Institute of Technology		21
Edge-Aware Patch Grouping for Image Denoising in the Complex Wave Let	Dr. B.Chinna Rao	SCOPUS	2019	5	NS Raju Institute of Technology		18

Domain						
Cryptography Based Misbehavior Detection For Opportunistic Network System	Dr.G.Satyanarayana	IJMETMR	2020	28	NS Raju Institute of Technology	22
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Effect of functionalization and concentration of carbon nanotubes on mechanical, wear and fatigue behaviors of polyoxy methylene/ carbon nanotube nanocomposites	Dr. P N E Naveen	Bulletin of Materials Science	2019	4	77	NS Raju Institute of Technology
Tensile and wear behaviour of precipitation hardened AA7xxx (Al-12 Zn-3 Mg-2.5 Cu) alloy	Dr. V V Ravi Kumar	NISCAIR-CSIR, India	2019	3	22	NS Raju Institute of Technology
Forming of AA2xxx and AA7xxx Sheet Alloys their Studies on Microstructural and Mechanical	Dr. V V Ravi Kumar	Trans Tech Publications Ltd, Switzerland	2019	3	22	NS Raju Institute of Technology

Properties of Cold Cryo Rolled Aluminum Alloys						
Thermo-Mechanical Treated High Strength AA-7xxx Aluminium Alloy by Cold and Cryo-Rolling Study their Mechanical Properties Corrosion and Microstructure Correlation	Mr. J Suresh kumar Dr. V V Ravi Kumar	Trans Tech Publications Ltd, Switzerland	2019	3	15	NS Raju Institute of Technology
Coding theory on Pell-Lucas p numbers	Mr. G Vara Prasad	Journal of Physics: Conference Series	2019	2	15	NS Raju Institute of Technology
Investigations on the void coalescence and corrosion behaviour of titanium grade 4 sheets during single point incremental forming process	Dr. V V Ravi Kumar	Anti-Corrosion Methods and Materials	2019	3	22	NS Raju Institute of Technology
Economic design of X ² charts with multiple assignable causes using genetic	Dr. P N E Naveen	AIP Conference Proceedings	2019	4	77	NS Raju Institute of Technology

algorithm						
Investigations on strain distribution, stress-based fracture limit and corrosion behaviour of titanium Grade 2 sheets during single point incremental forming	Dr. V V Ravi Kumar	Anti-Corrosion Methods and Materials	2020	3	22	NS Raju Institute of Technology
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	60	5	7
Presented papers	8	5	Nil	Nil
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Motivation to children (Social Service to gain knowledge, morals and ethics), Municipal Primary School, Nakkavanipalem, Visakhapatnam	NSRIT Helping hands	1	4
Sri Krishna Janmashtami celebrations (Classical and devotional singing)	NSRIT Helping hands	1	7
International Day of yoga	NSRIT NSS	2	100
Independence Day	NSRIT NSS	2	6

World Energy Conservation Day	NSRIT NSS	2	50
NSRIT NSS unit participated 71st Republic day Celebrations at JNTU Kakinada.	JNTUK / NSRIT NSS	1	9
NSS UNIT Special camp program at Sontyam Village, Anandapuram mandal, Visakhapatnam	NSRIT NSS	2	50
National Voters Day	NSRIT NSS	2	50
Blood donation program	A.S. Raja / NSRIT NSS	2	100
R-3 Project, Donated 60 books to reduce, recycle and reuse through Akshaya Patra unlimited food for education (AIKYA united to serve, A Youth Initiative of The Akshaya Patra Foundation)	NSRIT Helping hands	1	12
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Social awareness Environmental development in Sontyam	Recognition	Sontyam Gram Panchyathi	50
Blood donation CAMP	Recognition	A.S. Raja / NSRIT NSS	100
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	NSRIT	International Day of Yoga	35	200
NSS	Andhra University	Cyber Mythri Awareness Program	10	42
NSS	NSRIT	Swatch sagar	10	45

		Program R.K. Beach		
NSS	NSRIT	Health camp	5	50
NSS	NSRIT	Social awareness Environmental development	20	50
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
AICTE Faculty Development Program, "Data Aggregation Scheme in e-Health Cloud With Privacy Preserving"	Dr G Satyanaryana	AICTE	14
AICTE Faculty Development Program, "Data Aggregation Scheme in e-Health Cloud With Privacy Preserving"	Mr. G Rajashekaram	AICTE	14
AICTE Faculty Development Program, "Data Aggregation Scheme in e-Health Cloud With Privacy Preserving"	Mr. M.Ch.Jagan Sekhar	AICTE	14
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
On Job Training	Delote	Internship	13/12/2019	05/02/2020	01
On Job Training	Connecting point solutions	Internship	26/07/2019	25/11/2020	11
On Job Training	S.C.Railway, Kharagpur	Project	21/01/2020	02/03/2020	02

On Job Training	RINL, Vizag	Sinter Plant	09/12/2019	10/02/2020	04
On Job Training	GSY Technologies	GSY Technologies	01/07/2019	01/06/2020	35
On Job Training	Applied Robotic Control	APSSDC/ German center for Engineering and Management studies UG Hachen and European center for Mechatronics APS GmbH Aachen.	01/07/2019	01/03/2020	11
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
National Research Development Corporation (NRDC)	01/04/2019	Research and Development	50
GCGEMS – GC German center for Engineering and Management studies UG Hachen and European center for Mechatronics APS GmbH Aachen	15/02/2019	Skill Training	50
Centre of Excellence in Maritime Shipbuilding (CEMS)	25/09/2019	Skill Training	60
Andhra Pradesh State Skill Development Corporation (APSSDC)	21/06/2019	Skill Development	120
Studenting Era to facilitate students service	08/05/2019	Training services for students	60
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
13000000	12753263

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ENGINEERING COLLEGES AUTOMATION PACKAGE (ECAP)	Fully	2019	2016
BEES	Fully	2008	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	13440	4625224	683	355993	14123	4981217
Reference Books	1492	513405	75	39091	1567	552496
e-Books	3855	20200	Nill	Nill	3855	20200
Journals	80	100006	Nill	Nill	80	100006
e-Journals	2381	20200	Nill	Nill	2381	20200
CD & Video	3712	Nill	Nill	Nill	3712	Nill
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
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Mr. G. Srinivasarao	Routing Protocols	Learning Management System (LMS)	15/12/2019
Mr. K. Shankar	Compiler Design	Learning Management System (LMS)	20/09/2019
Mr. T. Narayana Rao	Quantitative Analysis for Business Decisions	Learning Management System (LMS)	16/12/2019
Mrs. A. Madhavi latha	Managerial Economics	Learning Management System (LMS)	21/09/2019
Mrs. K.V.E. Sarojini	Switching Theory and Logic Design	Learning Management System (LMS)	27/09/2019
Mr. R. Kumara Swamy	Electronic Devices and Circuits	Learning Management System (LMS)	27/09/2019
Mr. P. Kiran	Finite Element Methods	Learning Management System (LMS)	10/06/2019
Mr. Kona Ram Prasad	Elective-II: Design for Manufacture	Learning Management System (LMS)	10/06/2019
Mrs. J. Santoshi Kumari	Applet Programming	Learning Management System (LMS)	16/12/2019
Mrs. P. Kavya	Multi Processor Multi Core Systems	Learning Management System (LMS)	16/12/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	583	10	50	1	1	1	7	50	0
Added	34	2	50	1	1	0	2	50	0
Total	617	12	100	2	2	1	9	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Mechanical Engineering	

	http://www.nsrit.edu.in/dept_eresource.php?d_id=2
Computer Science and Engineering	http://www.nsrit.edu.in/dept_eresource.php?d_id=5
Electronics and Communication Engineering	http://www.nsrit.edu.in/dept_eresource.php?d_id=4
Electrical and Electronics Engineering	http://www.nsrit.edu.in/dept_eresource.php?d_id=3
Civil Engineering	http://www.nsrit.edu.in/dept_eresource.php?d_id=1
Master of Business Administration	http://www.nsrit.edu.in/dept_eresource.php?d_id=9
Science and Humanities	http://www.nsrit.edu.in/dept_eresource.php?d_id=8

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
5000000	4834982	1800000	1756051

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

• The college ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose. • Laboratory Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. • Other measures to maintain laboratories are as follows: The calibration, repairing, and maintenance of sophisticated lab equipment are done by the technicians of related owner enterprises. • Library The requirement and list of books are taken from the concerned departments and HoDs are involved in the process. The finalized list of required books is duly approved and signed by the Principal. • Suggestion box is installed inside the reading room to take user's feedback. • Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. To ensure the return of books, 'no dues' from the library is mandatory for students before appearing in the exam. • The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books, etc are chalked out / resolved by the library committee. Sports: Regarding the maintenance of indoor, Volley Ball court / TT Courts /Gym on the college sports in charge consult coaches. In their guidance accommodations are arranged. • Computers centralized computer laboratory established and more funds are used to maintain computers in the college. Maintenance though AMC is done regularly and no repairable systems are disposed off. • Classrooms at the departmental

level, HoDs submit their requirements to the principal regarding classroom furniture and others. The college development fund is utilized for the maintenance and minor repair of furniture and other electrical equipment. •

With the help of the full-time sweepers cleanliness of classrooms is maintained. They are well equipped with modern tools for cleaning such as mops, gloves, and vacuum cleaners. • A complaint register is maintained in the office in which students, as well as faculty, can register their problems which are resolved within a set time frame. • Students are sensitized regarding cleanliness and motivated for energy conservation by careful use of electricity in classrooms. NSRIT has its own workshop where few furniture repairs are done without any charges. • There are technicians, masons, plumbers, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure.

http://www.nsr.it.edu.in/cf_computer.php

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institution Welfare Scholarship	1179	9721300
Financial Support from Other Sources			
a) National	Jagananna Vidya Deevena	1169	47091000
b) International	NA	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Language lab	26/08/2019	363	Faculty of the Concerned Department
Nationla Yoga Day	21/06/2019	100	NSRIT NSS Unit
Soft skill development	18/11/2019	922	Mentors of the Concerned Department
Personal Counselling	10/06/2019	112	Mentors of the Concerned Department
Bridge courses	18/11/2019	985	Mentors of the Concerned Department
Bridge courses	10/06/2019	1218	Mentors of the Concerned Department
Mentoring	18/11/2019	1379	Mentors of the Concerned Department

Mentoring	10/06/2019	1379	Mentors of the Concerned Department
Remedial Classes	20/08/2019	463	Faculty of the Concerned Department
Remedial Classes	02/03/2020	306	Faculty of the Concerned Department
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	CRT for II B.Tech. and III B.Tech.	693	693	Nil	Nil
2019	CRT for IV B.Tech.	229	229	12	193
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
27	27	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
VVDN TECHNOLOGIES, JARO EDUCATION, RIDSYS, AIMIL, OG HEALTH CARE (Aquila CPMS), SAVANTIS SOLUTION LLC, TILICO LABS, WONJIN AUTOPARTS INDIA PVT	1160	107	TCS, CHEGG INDIAS, NCR Campus Codewars19, WIPRO, VIRTUSA Neural Hack Season - 3, IBM INDIA, SYNTEL ATOS, MINDTREE, TECH MAHINDRA, ROBOTICS (ARC)	890	86

LTD (ONEGENE), SWEKEN TECHN OLOGIES, RAAM GROUP, COLIDAR, MIRACLE SOFTWARE SYSTEMS, GRIFEO			(Vespa, Royal Enfield, ISUZU, TVS), BYJUs, INFOSYS, HOBEL BALLOWS, BIGWORKS, TVS SUNDRAM FASTENERS LTD		
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	3	B.Tech.	Computer Science and Engineering Engineering	University of Cincinnati	GRE Qualified, IELTS, GATE Qualified
2019	1	B.Tech.	Mechanical Engineering	SKEMA Business School, Italy	MBA
2019	5	B.Tech.	Electronics and Communic ation Engineering	NSRIT, Visakaha Institute Of Engineering and Technology, Narava	MBA, M.Tech., VLSI
2019	1	B.Tech.	Electrical and Electronics Engineering	NSRIT	M.Tech., PSCA

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
Any Other	9
GRE	1

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sakshi Cricket Premier League (SPL) on 06-01-2020	District Level	30

EENADU Cricket Tournament on 19-12-2019	District Level	30
8th JNTUK Intercollegiate Athletics(Men and Women) Championship 07-12-2019 to 08-12-2019	JNTUK Intercollegiate	10
Intramural Tournament on 12-12-2019 to 14-12-2019 • Kabaddi • Kho-Kho • Volley Ball • Basket Ball • Throw Ball	College Level	624
National Sports Day-(29 August 2019) on 08-08-2019 to 10-08-2019 • Cricket • Volley Ball • Throw Ball	College Level	231
Annual Day	Institute Level	807
Sankranthi Samaskruthi	Institute Level	148
Freshers Day	Institute Level	265
Clubs (Technical Clubs: Coding Club, Mobile App Club, Embedded Club, Robotics Club, Business Club, Maths Club. Creative Clubs: Multimedia Club, Dance Club, Music Club, Photography Club, Literary Club, Painting Club, Movie Making Club and Green Club)	Institute Level	1415
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	District Level Winners	National	2	1	18NU1A0532	K Sai Kaivalya
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

- At the beginning of every academic year, the institute constitutes the student council by following the norms laid down by the University.
- A class representative from each class will be nominated as a member of the student council. The student members elect General Secretary, Cultural Secretary, Sports Secretary, and Girls representative for a term of one year.
- The Student Council aims at the all-around development of students and organizes

several academic, co-curricular, and extracurricular events throughout the year in association with the University and other organizations. Meetings of the student council are conducted at least once each term with student's welfare officer, discipline, and anti-ragging committee. • The details of various academic and administrative committees under the student council are cultural committee, Technical Activities, Sports committee, NSS committee, News Letter committee, Departmental Student Associations, Ant-Ragging and Grievance and redressal committee . The functions and events conducted by the mentioned committees are as follows: 1. Grievance and redressal committee : This committee addresses complaints lodged by any student and effectively resolves the grievances of students. It maintains discipline among the students. It also empowered them to look into matters of harassment. 2. Ant-Ragging: This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities. 3.Cultural: This committee co-ordinates various cultural activities and events throughout the year. 4. Technical Activities: Every Department is having an active Student Chapter associated with the Institution of Engineers of India (IEI), Computer Society of India (CSI), Indian Society of Technical Education (ISTE),IEEE,IETE These chapters conduct various programs Expert lectures Industrial visits to name a few. Institute also organizes various student level events every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, NSRIT ALUMNI ASSOCIATION
5-91/SONTYAM/SONTYAM/PENDURTHI/VISAKHAPATNAM/ANDHRA PRADESH/INDIA Registered under the Andhra Pradesh Societies Registration Act.,2001 on 16.09.2019 Society Registration Number: 716 of 2019 Name of the Society: NSRIT ALUMNI ASSOCIATION Society Category: Welfare Associations. Alumni Functionalities 1. Re-establish full-fledged contact with the past students of NSRIT. 2.To establish a regular line of communication with the Alumni. 3.To promote and support various activities, both curricular and extracurricular, of the institute. 4.To conduct several programs under association for the benefit of the students.

5.4.2 – No. of enrolled Alumni:

229

5.4.3 – Alumni contribution during the year (in Rupees) :

22900

5.4.4 – Meetings/activities organized by Alumni Association :

5th ANNUAL ALUMNI MEETING at TABLA,2nd Floor, APHB Commercial Complex, KPHB, Hyderabad on 8th September 2019,(Members attended ECE:10, EEE:9, CSE:9)

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Vision: To promote societal empowerment and become an institution of excellence in the field of engineering education and research. Mission: 1. To develop the students into outstanding professionals through an innovative Teaching-Learning process. 2. To uphold research through long-term Academia-Industry interaction. 3. To inculcate ethical standards and moral values. Quality Policy: We at NSRIT, strive to bring out and nurture the talents and skills of youth with Quality Technical Education, motivate them to be self-disciplined, and develop

their competence to face the challenges of globalization. We shall achieve this by

- Produce Industry-ready Professionals through training in Soft-Skills and Personality development.
- Undertaking networking with Industry, Academic, and Research Institutions.
- Promote Creativity and Innovation among students.
- Ensure 100 Placements.
- Conduct a Career -Vision program to facilitate the right career choice by students.
- Encourage Entrepreneurship among students.
- Motivate the students to participate in Co-curricular and Extra-curricular activities.
- Train teachers in modern instructional methodologies to improve their teaching skills.
- Motivate the faculty to publish papers in National/International Conferences and Journals.
- Develop and promote Green Environment.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The Principal of the College along with the admission committee carries out the admission process. Financial help is offered through the flexibility in payment of fees in easy installments for needy students. The students are guided to opt for the right choice of branch combination at the time of admission.
Industry Interaction / Collaboration	Enhancing Employability: MOUs with few companies for the conduct of Employability Enhancement Certificate Courses have provided opportunities for interaction with the industry. Organizing industrial visits and inviting resource persons from industry: Scientists, entrepreneurs, and industry experts are frequently invited under various associations by the Institution. Industry exposure through Internship: Students from various departments took up internships.
Human Resource Management	All human resources available within the College are deployed and engaged according to one's aptitude and abilities. Maintenance of Grievance Redressal Cell, Anti Ragging Committee. The management is committed to the academic development of the college. The administration is fully decentralized and total functional freedom is given to the head of the respective department. Different committees of teaching, nonteaching faculties, and stakeholders are formed which work under the guidance of the IQAC. Periodical meetings of these

committees are organized under the chairmanship of the Principal to discuss various issues and take decisions accordingly. Feedback is taken from the stakeholders regularly and if needed the suggestions are conveyed to the concerns.

Library, ICT and Physical Infrastructure / Instrumentation

The college has well-established infrastructure, library facilities, and instruments. The physical infrastructure caters to the diverse needs of each course. LCD Projectors are installed in all classrooms. Wi-Fi is available throughout the campus. The College library is enabled with free Wi-Fi facility of 100 Mbps for the use of e-resources within the campus. New books are added every year for the requirement of the teaching-learning process. The library is well established with a reading room, reference book section, a number of books, and an OPAC facility. E-journals subscription, Reading facility with unlimited browsing ICT: Usage of teaching and learning process LCD projectors are installed in Audio Visual Room and Conference Hall. Procurement of more LCD projector and laptop for the same purpose. Physical Infrastructure: More fans were installed and the conventional blackboards were replaced with whiteboards, a water cooler was procured. Laboratories are well equipped with infrastructure and instrumentation. Principal cabin, faculty cabin, administrative offices, college office, seminar hall, Gymnasium, canteen, RO Plant, Accounts, Solar system, numbers of classroom, smart classroom and all departments are well established. There is a ladies room, a separate hostel facility for boys and Girls, etc. is well established.

Research and Development

The college has a Research Committee which monitors the research activities on campus and encourages the faculties to submit proposals for MRPs. The Teachers are motivated to participate in conferences, workshops, and training programs, Encouraging Faculties to enroll for Ph.D., permitted time off, facilitated to avail travel grant and FDP (UGC), apply for research grants minor/ major research projects. Plans

	are there for In-house Journal for each department
Examination and Evaluation	The College follows the semester system as per the directives of the JNTUK, Kakinada. The College also complemented continuous assessment of student's performance through Two Internal examinations in each semester based on theory and MCQ's pattern are conducted, assignments, project works, attendance, seminars, end semester exam, etc. with the traditional written examination. The external evaluation process is done in accordance
Teaching and Learning	1) Various committees are formed for operations incorporation of the Institutions. 2) To promote extensive use of ICT in all academics and administrative transactions. 3) To provide facilities to students to encourage their participation in extra and co-curricular activities. 4) To develop the infrastructure other facilities as per the need. Per day 8 hours timetable (ACADEMIC audit as per schedules, Question Banks, Assignments, Tutorials, Backup, and remedial classes) (Blooms Taxonomy, MOOCS, MATRIXING, implementing) seminars, e-classroom teaching
Curriculum Development	For the smooth flow of the syllabus, teachers are made to submit their lesson plans for every semester. The IQAC ensures quality in Curriculum development through regular meetings among the teaching staff regarding academic affairs and collecting feedback from various stakeholders.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	<ul style="list-style-type: none"> •Online registration by students during admissions has helped us create an accessible student database. •The system also helps save time and the whole process reduces paper usage. ECAP is also used for the following for generating merit lists, attendance system, The student online database is also used for library transactions.
Examination	<ul style="list-style-type: none"> •ECAP Software has been implemented to ease the process of result generation of the multiple examination patterns in the new Credit based Semester and Grading System of evaluation. •ECAP generated student

database has been used for result processing Computerized result analysis to generate reports which help teachers to plan remedial and additional coaching of students to reduce the failures, continuous monitoring of the attendance, performance and progress of the students.

Planning and Development

- The college uses electronic system for planning and development. The academic calendar is prepared and made available to the students and staff through college website. The college has its own website <https://www.nsrut.edu.in/> .
- The College maintains and updates the website regularly. The information connected to the various activities of college like admission notification, examination schedule, academic calendar, examination results, notices, and reports and photographs of teacher student activities, news related to the activities, advertisements and latest happenings are displayed regularly.
- There is also provision for providing the feedback on curriculum to various stakeholders like Students, Teachers, Alumni, Parents and Teachers of other institutes.
- The HoD and staff provides suggestions for overall planning of activities and programmes through email.
- Time Table for teaching is generated using ECAP software, Attendance of students is monitored using ECAP software. Student App by ECAP-Using this customized app, students can access their attendance records and can also receive important information/ notices given out by the college.
- We have an ICT enabled seminar hall that facilitates video conferencing.

Administration

- For establishment of Management Information Systems (MIS), the college has opted for some ECAP solutions which have been highly beneficial for both academic and administrative purposes.
- The software has modules including Administration, Finance and Accounts, Examination, Online Student Registration, Online Student Admission and Fees, Online Student Attendance, Store and purchase management system.
- The website displays administrative structure, Academic Calendar, Curriculum with course outcomes,

program outcomes and program specific outcomes, information related with skill enhancement courses. •All the programmes and proceedings of IQAC committees are available on college website. To promote the paperless work all notices are sent through email and what's App system. For library related activity Administration College uses OPAC library software. •Online registration by students during admissions has helped us create an accessible student database. •Several authorities such as the Government for information on student profile which can be easily retrieved from the said MIS. Activity Reports are compiled online. IT related complaints are lodged using Google form and sheets.

Finance and Accounts

•All the financial transactions are recorded using Tally ERP which is monitored. • A flash report is verified fortnightly. Net banking facilities are used for payments for Affiliation fees,examination fees,payment to visiting faculty, provident fund,staff salaries and payment of TDS etc. • Students are allowed to make payment of all fees using Digital facilities transactions. • The institute budgeting and accounting is done totally online. • The salaries of grant in aid staff are prepared through online software. Most of the accounts documentations are digitally maintained. The RTGS and NEFT system is used for transfer of funds.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mr. CH. Praneet Raj	One week Faculty Development program from 10.12.2019 to 16.12.2019 on student Induction Programme (SIP) Academic staff college sponsored by AICTE at KL	AICTE	2000

		University, Krishna District.		
2019	Mrs.K.V.E.Sar ojini	One week Faculty Development program from 10.12.2019 to 16.12.2019 on student Induction Programme (SIP) Academic staff college sponsored by AICTE at KL University, Krishna District.	AICTE	2000
2019	Dr. K .Madhavi	One week Faculty Development program from 10.12.2019 to 16.12.2019 on student Induction Programme (SIP) Academic staff college sponsored by AICTE at KL University, Krishna District.	AICTE	2000
2019	Mr. J. Suresh Kumar	One week short time Training program on Additive Manufacturing and 3-D printing on 02-3-2020 to 07-3-2020 at Lendi College, Visakhapatnam	AICTE	500
2019	Mr. V.V.S.S.R .Krishna Murthy.Ch	Applied Robotic Control Lab Faculty Development Program 2.0 on 09 August 2020 to 14 August 2020	German Centre for Advanced Engineering and Management Studies UG and APS GmbH European Centre for Mechatronics	10000

2019	Dr.R.S.R.Krishnam Naidu	One week Faculty Development program from 10.12.2019 to 16.12.2019 on student Induction Programme (SIP) Academic staff college sponsored by AICTE at KL University, Krishna District.	AICTE	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Administrative	Microsoft Excel, Microsoft Word	05/02/2020	11/02/2020	1	3
2019	NA	Microsoft PPT, Microsoft Excel, Microsoft Word	01/11/2019	07/11/2019	Nil	11
2019	A One Day FDP on Convergence of Technology : Pedagogy in Engineering Teaching Research	NA	01/11/2019	01/11/2019	30	Nil
2019	E-Cap Training for Newly Joined Faculty	E-Cap	01/06/2019	30/06/2019	28	Nil
2019	One week	NA			100	Nil

	online FDP on Recent trends in Electronic s uisng Fuzzy Logic and Neural networks		20/04/2020	25/04/2020		
2019	One week online FDP on Recent trends in Electronic s using Fuzzy Logic	NA	30/03/2020	04/04/2020	100	Nil

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
One Week FDP on "Low Power VLSI Design "	3	20/04/2020	24/04/2020	5
One Week FDP on "Latest Wireless and Computing Technologies"	3	14/04/2020	18/04/2020	5
Moodle learning management system	3	27/04/2020	02/05/2020	6
Innovation to academicians (FDP)	2	11/05/2020	16/05/2020	6
6-DAY FDP on "Design and Development of Photovoltaic modules for PV Generation"	2	20/05/2020	30/05/2020	6
One Week FDP on "IoT"	2	10/04/2020	14/04/2020	5
A One Week short term training program on "Restructured Power System	4	26/08/2019	31/08/2019	6

Modelling Simulation"				
Online Faculty Development Program (FDP) Practical aspects of Finite analysis using ABAQUS	2	18/04/2020	24/04/2020	6
One week Faculty Development program from 10.12.2019 to 16.12.2019 on student Induction Programme (SIP) Academic staff college sponsored by AICTE at KL University	4	10/12/2019	16/12/2019	6
Online FDP on Incorporating Universal Human Values in Technical Education	10	25/04/2020	29/04/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
28	28	4	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Transport facilities, Employee provident fund (EPF), Employee State insurance, Maternity and paternity leaves, Wi-Fi, RO Plant, Library, Canteen, Medical Facility, Orientation Programme, Refresher Course, HRA	Welfare schemes for Teaching: Orientation Programme, Refresher Course, Medical facility, HRA. Non teaching: Short term Training Programme, Medical facility, ESI, PF, HRA .	Transport facilities, Hostel Accommodation, Merit Scholarship, Wi-Fi, RO Plant, Library, Canteen, Medical Facility, Playground, Gymnasium, Clubs/Recreational Center

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The college has very effective procedure for the management of financial resources. A fully computerized accounts section exists in the college and

double entry system is followed to maintain the accounts of the college. All our financial transactions are transparent and each and every transaction is supported by the vouchers. All the collections are deposited in the bank and major expenditure, recurring and non -recurring are done through Cheques . Bank accounts are operated only by duly authorized persons. Two tier system of audit- the internal and external audit - is done regularly to have an effective check on the accounts maintenance. The internal audit committee consists of Principal, Management, HOD's and Administrative Officer. The external audit done by the Chartered accountant before the closure of financial year. The accounts of the college are subject to audit by the externally qualified Chartered Accountant appointed by the Governing Body before the end of each financial year. The last Audit was done during the year 2020 and there were no audit objections. The audit report by the external CA is placed before the governing body for appraisal

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nadimpalli Satyanarayana Raju Institute of Technology (Management)	187200	Computer Society of India Institution Membership, Cash awards to faculty and Merit awards to students
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6.4.3 – Total corpus fund generated

705000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	AFRC, NBA, NAAC, UGC	Yes	IQAC
Administrative	Yes	AFRC, NBA, NAAC, UGC	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Departments conduct Parent Teacher meetings annually or biannually and the Class coordinators update parents about the progress of their wards. 2. In the event of Attendance defaulters or Discipline related issues, the concerned parents are called upon to intimate their wards absence from classrooms or indiscipline and warned about the possibility of not being allowed to sit for the ensuing examinations or being disallowed for admissions in the forthcoming year.

6.5.3 – Development programmes for support staff (at least three)

1. Office staff have attended training for updates of administrative procedures. 2. Programs related to communication, computer skill programs are conducted for the support staff. 3. the Gymnasium continued to provide quality physical training facilities to all teaching and non-teaching staff 4. Training by senior teachers on the latest equipment 5. Training by senior teachers on the latest soft wares 6. Training for all office staff on effective usage of

Management Information System.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Discussions for Initiation of Autonomy 2. Women’s hostel is constructed 3. Applying to various government bodies for funding 4. Enabling teachers for e-content Development 5. Introduction of NDL facilities in the library 6. Participation in NIRF ranking frame work by filling the application using the data available in IQAC cell.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Academic Administrative Audit (Internal)	23/10/2019	23/10/2019	30/10/2019	118
2019	Project Showcase	12/03/2020	12/03/2020	12/03/2020	200
2019	Applied for NIRF Ranking	14/12/2019	14/12/2019	20/12/2019	118
2019	Applied for ISO Certification Renewal	19/08/2019	19/11/2019	21/11/2019	118
2019	Applied for 12B	27/11/2019	27/11/2019	27/11/2019	118
2019	Applying for JNTUK permanent affiliation	05/11/2019	05/11/2019	05/11/2019	118
2019	Ratification Faculty	07/09/2019	07/09/2019	08/09/2019	31
2019	AQAR Submitted	30/09/2019	30/09/2019	30/09/2019	118

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants

			Female	Male
International Women's Day Fem Flora	07/03/2020	07/03/2020	200	Nil
Guest Talk on Women Empowerment	05/03/2020	06/03/2020	139	Nil
Health Talk on "Breast cancer- why? & Who? and Organ Donation-The need of the Hour	31/08/2019	31/08/2019	131	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Power requirement is met by Solar Photovoltaic installed on the campus. Two plantation Programmes have been conducted. Waste Management Steps: 1. Solid waste management: Waste bins are placed at appropriate locations. 2. Liquid waste management: Liquid waste of the laboratories is properly managed. Waste chemicals used in the laboratories are disposed of by dissolving them in water. There are absorbent pits on the college campus which are especially used to absorb liquid waste released from the laboratory. 3. E waste management: E-waste management is done using re-writable CDs, parts of computers are used for practical purposes by the students of computer science and Engineering. Green practices: 1. The majority of the students use bicycles. 2. The Institution has provided transportation facilities to the students. 3. College campus is free from usage of plastic. 4. College office is partially paperless. 5. Different varieties of plants are planted on the college campus. 6. LPG fuel is used in the Chemistry laboratory. Every possible effort is made to make the college campus eco-friendly. Rain Water Harvesting: On college campuses, rainwater harvesting is practiced. Rainwater is conserved through absorbent pits which results in upgrading the water level and plants on the college campus are watered using bore wells.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	Yes	30
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nil
Rest Rooms	Yes	3
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	15/08/2019	1	Independence Day	Right spirit of Independent and individual India	6
2019	1	1	14/12/2019	1	World Energy Conservation Day	Awareness on Energy Conservation	50
2019	1	1	21/06/2019	1	International Day of yoga	Physical and Mental Fitness	100
2020	1	1	25/01/2020	1	National Voters Day	Right to Vote as a responsible citizen	50
2020	1	1	26/01/2020	1	NSRIT NSS unit participated 71st Republic day Celebrations at JNTU Kakinada.	Right spirit of Independent and individual India	9
2020	6	6	26/02/2020	7	NSS UNIT Special camp program at Sontyam Village, Anandapuram mandal, Visakhapatnam	Swatch Bharath program at school, Literacy rate survey in the village and tree plantation, Awareness program on	50

						cashless transaction, Awareness program on child labour and childhood marriages , Computer education and conducting sports	
2019	1	1	22/02/2019	1	Motivation to children (Social Service), Municipal Primary School, Nakkavanipalem, Visakhapatnam - NSRIT Helping hands	To gain knowledge , morals and ethics	4
2019	1	1	30/08/2019	1	Blood donation Camp Organised by A.S. Raja collaboration with NSRIT NSS Unit	To motivate people to donate blood and social works	100
2019	1	1	08/02/2019	1	R-3 Project - NSRIT Helping hands	Donated 60 books to reduce, recycle and reuse through Akshaya Patra unlimited food for education (AIKYA united to serve, A Youth Initiative	12

						of The Akshaya Patra Foundation)	
2019	1	1	23/08/2019	1	Sri Krishna Janmashtami celebrations - NSRIT Helping hands	Classical and devotional singing	7
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NSRIT Service Rules	15/09/2019	As it is necessary to define the terms and conditions of appointment and service rules of all the employees (both teaching non-teaching) working in Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT), the Management of NSRIT, exercise the powers conferred by the clause 10(i) of the Articles framed by the Society.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Online FDP on Incorporating Universal Human Values in Technical Education, JNTUK(AICTE) (5 days)	25/04/2020	29/04/2020	11
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plantation of plants and fruit trees. 2. The College has ensured the electrical wiring of the college campus based on the prescribed code to prevent 'transmission loss' of energy due to inferior quality of electrical wires and appliances. 3. Swatchh College Programme: Motivated by the Swatch Bharat programme, on every 1st and 3rd Saturday afternoon of every month Swatchh College programme is made mandatory for all the staff and students by involving minimum 150 students and 10 faculty every week on rotational basis. 4. Cooking on LPG only: Only LPG cylinders are used in canteen and other places for cooking 5. Solar Power: Using renewable energy(solar)to partly fulfill the power demand

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Flag hosting by academic topper among girls on independence day 2. Flag hosting by academic topper among boys on republic day 3. Open House Programme for future engineers 4. Demonstrations (Entry level test on minor projects) 5. Induction Programme 6. Project Show Case (Show and Tell)

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://nsrit.edu.in/admin/img/cms/Best-Practise-2019-2020.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1. Management follows transparent administrative practices, in all its transactions with students, faculty, and all others concerned. 2. College endeavors to inculcate a strong sense of discipline in its functioning to ensure students build high levels of commitment. 3. Discipline is implemented by the Principal, anti ragging, and discipline committees with emphasis on maintaining attendance and abiding by the dress code. 4. An inclusive education policy is followed that ensures education to all without any discrimination. 5. Inclusive education is worked through Remedial courses, Certificate courses, and enrichment lectures that help the students from socially marginalized groups, vernacular medium students, and academically weaker section of students to cope with their academics. 6. Collaborative and participate functioning is our strength wherein policy decisions right from the Management are taken after deliberations and brainstorming sessions with the heads at different levels. 7. Academic, Committee and administrative Audits are conducted annually. Impartial administrative practices generate trust in the minds of staff leading to stability, security, and a sense of belongingness to the institution. 8. Academic calendar and planning, teachers' diary reviewed monthly by HODs and semester wise by the Principal, monitoring of lectures taken and compensated. 9. Coverage of syllabi helps to create a strong academic culture in college. Staff induction programs, timely promotion of professional growth of the staff, permission to participate in FDP and welfare activities. 10. Felicitation of the staff on completion of Ph.D. Quality enhancement initiatives such as Department Recognitions have resulted in developing a positive attitude leading to an upward spiraling effect in several areas. 11. Being the main stakeholders, students are allowed to participate at various levels to groom them to become future leaders. 12. There are many committees set up for academic and administrative purposes where students' representatives are co opted e.g. IQAC and Library etc. 13. These activities enhance their leadership qualities, communication skills, and personality. 14. College abides strictly by all the rules and regulations of governing authorities, recruitment, career advancement, and superannuation, and discipline-related matters. 15. The college has received letters of appreciation from government authorities in this regard.

Provide the weblink of the institution

<http://www.nsrit.edu.in>

8. Future Plans of Actions for Next Academic Year

1. Application for Autonomous Status 2. Development of Quality Management System (QMS) – An initiative of IQAC 3. Conduct of academic audit with external experts 4. Implementation of Outcome Based Education 5. Leveraging digital learning space

for online teaching - learning process 6. Establishment of Staff Development Cell 7. Faculty and Student Capacity Building on 21st Century Skills and New Age Skills 8. Enhancing the research profile of the faculty and the Institute 9. Procurement of Anti plagiarism software and impetus to research 10. Improvement in the placement opportunities for students 11. Continuation of efforts towards ecofriendly practices 12. The renovation work of the college building would be carried out and keeping in mind the growing strength of the college, a new college building would be constructed with spacious technology enabled classrooms 13. Up-gradation of the laboratories to promote research activities of the students and the faculties 14. Office Automation to ensure an updated Monthly Information System (MIS) in the college to include an online archiving of student, faculty, and staff database 15. Information related to scholarships is planned for digital archiving 16. Online feedback system is planned to be introduced from the academic session 17. Organization of campus interview through the Career Counseling and Placement Unit.