



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS
Name of the head of the Institution		Dr.C V Krishna Reddy
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04029705282
Mobile no.		9985311109
Registered Email		director@nrg.edu.in
Alternate Email		cvkreddy2@nrg.edu.in
Address		choudariguda vil, Korremula X Road, Ghatkesar Mandal, Medchal Malkajgiri dist
City/Town		Hyderabad
State/UT		Telangana

Pincode	500088																		
<b>2. Institutional Status</b>																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr.P Ramesh																		
Phone no/Alternate Phone no.	04029705282																		
Mobile no.	9502941951																		
Registered Email	iqac@nnrg.edu.in																		
Alternate Email	hod.eee@nnrg.edu.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://nnrg.edu.in/PDF/iqac/AQAR-2018-19.pdf">https://nnrg.edu.in/PDF/iqac/AQAR-2018-19.pdf</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://nnrg.edu.in/academiccalendars.php">https://nnrg.edu.in/academiccalendars.php</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.54</td> <td>2018</td> <td>26-Sep-2018</td> <td>25-Sep-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.54	2018	26-Sep-2018	25-Sep-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B+	2.54	2018	26-Sep-2018	25-Sep-2023														
<b>6. Date of Establishment of IQAC</b>	20-Jun-2016																		
<b>7. Internal Quality Assurance System</b>																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries																

IQAC		
Establishment of institution innovation council	24-Feb-2020 1	1600
Internal audit of the Institution	10-Jan-2020 1	25
Research Methodology and Experimental analysis	25-Nov-2019 6	28
Enhancement of communication and soft skills	11-Jul-2019 2	50
Review of certificate programs of all Departments	15-Jul-2019 1	1737

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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
NIL	NIL	NIL	2020 0	0
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

5

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 Uploaded File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

- Promotion of ICT usage in teaching learning process in various courses in all the academic programs of engineering, pharmacy and management at both Undergraduate and Post graduate levels.
- Orientation program for fresher's as per AICTE mandate -Induction program for newly admitted students to adapt the students to the campus environment before the commencement of the first year.
- Establishment of institution innovation council is to encourage, inspire and nurture the students and faculty by supporting them to work with new ideas and transform them into prototypes.

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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	Achivements/Outcomes
To continue inviting Industry, institute experts and especially alumni to conduct seminars in emerging areas	Seminars and guest lecturers were organized in all the departments by eminent Academicians, scientists, industry experts and alumni.
To explore strategies for encouraging faculty to undertake the minor and major research projects and to enhance the activities of R&D cell.	Research Methodology and Experimental analysis short term training program was organized in order to enhance the reading, writing and research skills and to deepen research efforts.
Increase in the number of internship opportunity to the students. Increase in the number of industry based projects by the students.	Increase in the number of internship opportunity to the students. Increase in the number of industry based projects by the students.
To improve NAAC Grade	Steps
Induction program for the entire fresher's on the campus as per AICTE mandate.	Two weeks induction program planned & implemented by inviting achievers from all the social spheres to motivate the students to see the larger purpose and to develop big picture thinking, before the commencement of their engineering curriculum and it helps them with other students and faculty members. This also helps students in brain storming all the students by conducting bridge courses in all first year courses. students get self exploration and inculcates them the ethos and culture of the institution.
Adaption of ICT in teaching learning process.	To enhance the Quality of the teaching learning process and a culture of cross learning among the faculty members.
To involve students in the mission of curriculum development and further contracted the gap between teaching and learning.	Numbers of certificate programs/courses have organized on the strength of Stakeholders suggestions for example course on specific relief and insolvency were floated on student and industry demand. Various external

academic and industry experts were invited to talk at NNRG on student suggestion.

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<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	04-Sep-2018
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	06-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>YES, FEDANA ERP package is implemented for Modules such as Admission Management System: Complete overview on activities around admission, which help in better decision making. Centralized Data Management: to Secure records and documents of students from mismanagement and data loss. HR Management: A single platform to manage employees details data, leaves, payroll, payslip generation, etc. Customizable admission form to upload the employee details in one go Exam Management System: Conduct Online Examinations, Track Students Progress Library Management: Automate cataloging, Trace Defaulters and Check books availability Transport Management: Enhance student safety, Tracking vehicle status and Collect transportation fees Fees Management System: Simplifies fees collection, Automate Transactions and Provide Indepth Financial Reports Online Learning Modules: Instructors can create endtoend customized and engaging courses by adding teaching materials using their favorite mediums such as videos, audio, images, text,</p>

## 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

The Institution scrupulously adheres the guidelines of the Affiliated University and methodically develops various action plans for effective implementation of the curriculum and documented process. At the outset, according to the guidelines of IQAC the Advisory Committee of the Departments conduct meeting at beginning of the academic year to develop various strategies for effective implementation of the curriculum. The Institution follows meticulously the academic calendar of Affiliated University for instruction delivery and other schedules. The Institution also prepares the academic calendar in line with academic calendar of Affiliated University by incorporating various academic events and schedules like Guest Lectures, Industrial Visits, Workshops, Seminars, certificate programmes and Conferences to be organized in all the Departments during the ongoing semesters. The Academic Calendars of the Departments, Institute the University are disseminated in to the prominent places such as website, notice boards at the departments and institution to aware of the each and every student and faculty during the beginning of the semester. Frequent review meetings will be conducted by the Director with all the Deans and HoDs to assess whether the activities are being conducted as per the academic calendar.

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
Project Research	Nil	17/02/2020	6	Entrepreneurship	Yes
Multi Disciplinary Applications Using LABVIEW	Nil	23/12/2019	12	Employability	Yes
Analog Digital Systems Using Cadence EDA Tool	Nil	16/12/2019	12	Employability	Yes
Raspberry Pi With Arm 11 Cortex A Series	Nil	19/08/2019	12	Employability	Yes
Computer Aided Drafting Design	Nil	26/08/2019	6	Employability	yes
Hands on	Nil	18/02/2020	7	Employability	Yes

Experience in 3D Modelling and Additive Manufacturing					ity	
Computer Vision using OpenCV	Nil	20/01/2020	5	Employability	Yes	
Internet of Things (IoT)	Nil	03/02/2020	5	Employability	Yes	
PRIMAVERA FOR CONSTRUCTION MANAGEMENT	Nil	23/09/2019	6	Employability	Yes	
APPLICATION OF ARC GIS	Nil	20/01/2020	6	Employability	Yes	
An Insight on Manufacturing of Pharmaceutical Dosage Forms	Nil	16/09/2019	6	Employability	Yes	
Clinical Research Monitoring	Nil	16/09/2019	6	Employability	yes	
Social and preventive Pharmacy	Nil	17/02/2020	6	Employability	Yes	
Interpretation of Organic Compounds	Nil	17/02/2020	6	Entrepreneurship	yes	
PLC SCADA	Nil	23/09/2019	6	Employability	yes	
English Language Improvement: Strategies	Nil	19/08/2019	6	Employability	Yes	

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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	All Branches since 2015	15/07/2019
BPharm	BPharm since 2015	15/07/2019
MBA	MBA Since 2015	08/07/2019
Mtech	All Specializations Since 2015	26/08/2019
MPharm	All Specializations Since 2015	26/08/2019

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

	Certificate	Diploma Course
Number of Students	1062	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
Role of CAD Engineer in the industry	15/11/2019	42
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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	Electronics and Communication Engineering	148
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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>The institute has developed a prescribed mechanism to get feedback from students regarding the curriculum and teacher performance. Feedback on curriculum is obtained from all the stakeholders (students, faculty, industry, alumni). The Department Advisory Committee invites inputs from various stakeholders regarding strengthening of the curriculum and keeping in view the suggestions received from Industrialists, alumni and students, The Advisory Committee will suggest the topics to bridge the gap in the curriculum to meet the industry needs. The suggestions and comments collected from the feedback will be placed before the GOB for discussion and consideration. The IQAC of the Institute closely monitors the execution of the formal mechanism designed for collection of feedback on curriculum. An online feedback system is developed and the link is <a href="https://nrg.edu.in/feedback/Alumni.php">https://nrg.edu.in/feedback/Alumni.php</a></p>



## 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	Electronics and Communication Engineering	180	130	130

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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	1584	153	129	27	16

### 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	Number of smart classrooms	E-resources and techniques used
156	156	Nil	49	4	Nil

[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)

There is a strong mentoring system in the institution. Every department has a mentoring system to counsel and support students. Each faculty member is assigned a group of students for counseling and mentoring. Thrust is given to those students who particularly hail from rural background. The counselors are trained by experts time to time. The counselors maintain a file for each of their mentees details including academic performance, personal information of the student, participation certificates for extra and co-curricular information. The institute is having training and placement cell to counsel and guide the students in career opportunities. The Placement cell is arranging on-campus interviews in coordination with various corporate offices, industries and organizations for final placements. Apart from placements and classroom counseling, the following are a few measures which NNRG adopts to encourage and guide the students: Pre-admission counseling, Orientation programmes, Bridge courses, Ragging free campus, Hostel accommodation for girls, Transport, Remedial classes, Infrastructural support, Competency building programmes, Health care, Physical fitness, Socialization, Ethical character building, Organization abilities and leadership skills, enhancing research capabilities and Service personality.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1737	156	1:11

### 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
156	156	0	25	27

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
2020	Suresh Kumar Nayak	Associate Professor	NPTEL Discipline Star
2019	Dr.I.Bharat Kumar	Associate Professor	Young Researcher Award
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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	A	II/I	05/05/2020	21/01/2021
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The reforms implemented by the institution in Continuous Internal Evaluation (CIE) at institute level in line with academic regulations governed by the affiliated university. The Institution ensures strictly the guidelines stipulated by the University in the Evaluation process and reforms: The performance of a student in every subject will be evaluated by Internal Evaluation and Semester End Examination. There will be two midterm examinations for theory subjects and two assignments during a semester. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. Mid examination question papers are prepared by the faculty based on OBE by considering Blooms' Taxonomy levels and Cos. The objective paper is set with 20 multiple choice, fill-in the blanks questions. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions. The first mid-term examination shall be conducted as per the schedule of the University Academic Calendar. As per the directions of the University, the Institution should complete 2.5 Units i.e. 50 of the syllabus before the I Mid, and by the time the second mid-term examination is scheduled to be held the remaining 2.5 Units i.e. 50 of the remaining syllabus should be completed. The first assignment should be submitted by the students before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. For practical subjects there shall be a continuous internal evaluation during the semester.

The external Lab examinations will be conducted by an external examiner appointed from the clusters of colleges which are decided by the control of evolution of the University. Industrial Oriented Mini Project/Summer Internship shall be submitted in a report form and presented before the committee in IV year I semester. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer

Internship and a senior faculty member of the department will evaluate the Mini Project/summer internship. There shall be a seminar presentation in IV year I semester. UG project work shall be carried out during IV Year II Semester. The end semester examinations question paper will be framed by the Affiliated University and the examination will be conducted strictly as per the schedule of University Academic Calendar. The Mid answers books are shown to students after evaluation of scripts for avoiding discrepancies in evaluation of answer scripts and partiality or favoritism. Internal Examination Results are announced immediately after evaluation of answer scripts through displaying in Notice boards and same will be intimated to parents via SMS.

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

The Institution is affiliated to JNTUH, Hyderabad and follows the Academic Calendar as prescribed by the University. Apart from the University Academic Calendar, after receiving the academic calendar from affiliated university, the Institution academic committee prepares the institute Academic Calendar in accordance with the University Academic Calendar. Based on the Institution's Academic Calendar, Departments prepare their own Academic Calendar showcasing events planned by individual department during the Semester viz. industrial visits, guest lectures, seminars/workshops/conferences etc. It has regular procedures to plan and organize curricular, co-curricular and extra-curricular activities by the Department concerned. Dates proposed by University for commencement and conclusion of semester, mid exams, end semester exams and Institutional events are reflected in the Institution's calendar and will be followed strictly. The Academic Committee (AC) and Departmental Advisory Committee (DAC) will discuss and plan various academic, co-curricular, extra-curricular and other social activities in accordance with the University Calendar. All these activities are included in the Academic Calendars of the Departments, thus the advance planning of the events are enabling the delivery of vigorous teaching plan. As per the AICTE guidelines, the Institute organizes the induction programme before start the class works for the First year UG students. Regular classes start only after the induction programme is ended. Induction Programme is to facilitate new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. Internal examinations are conducted by all the Departments on the dates planned in the Academic Calendar of the University. Results of internal assessment are declared and communicated to students within a scheduled time. Every department conducts project progress review and seminar presentations as per the standard procedures set by each Department according to Academic Calendar of the Departments. This is the part of internal evaluation adopted by the Institution. Thus, the Institution adheres to the Academic Calendar for conduct of CIE and all other activities during the semester.

**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)

<https://nnerg.edu.in/cseobe.php>

2.6.2 – Pass percentage of students

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

05	BTech	Computer Science and Engineering	93	80	86.02
<a href="#">View Uploaded File</a>					

## 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)

<https://nnrg.edu.in/sss/index.php>

## 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
Nil	0	NIL	0	0
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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
Cheminformatics and molecular docking hands on approach (CMDW-2020).	School of Pharmacy	10/02/2020
National Pharmacy Week (NPW-2019) in association with IPA.	School of Pharmacy	18/11/2019
World Pharmacist Day (WPD-2019) in association with IPA.	School of Pharmacy	25/09/2019
Start up Bootcamp	School of Pharmacy	24/09/2019
Cyber Security	Computer Science and Engineering	14/03/2020
Advocacy on Digital Safety	Computer Science and Engineering	17/08/2019
Industry 4.0 Transforming Industries and Digital Revolution	Electronics and Communication Engineering	22/06/2020
Humanoid Robots (H-bots)	Electronics and Communication Engineering	18/02/2020
Indigenous Satellites - IRNSS GAGAN Systems	Electronics and Communication Engineering	25/01/2020
Strategic and Civil Aviation Applications of GNSS	Electronics and Communication Engineering	30/10/2019
Embedded Systems on Arduino IoT	Electronics and Communication Engineering	11/03/2020

VLSI Design using Verilog HDL	Electronics and Communication Engineering	17/02/2020
PCB Design Fabrication	Electronics and Communication Engineering	03/01/2020
IC ENGINE-INVENTION, EVOLUTION AND EXTINCTION	Mechanical Engineering	30/01/2020
Digital Prototyping concepts by using Autodesk Inventor	Mechanical Engineering	09/01/2020
The Role of Additive Manufacturing in Industry 4.0	Mechanical Engineering	06/11/2019
Discipline - A Key to Success How to Crack the Interviews	Mechanical Engineering	14/11/2019
Role of CAD Engineer in the Industry	Mechanical Engineering	15/11/2019
Hands on Experience in 3D Modeling and Additive Manufacturing	Mechanical Engineering	18/02/2020
Significance of kaleswaram project in Telangana state	Civil Engineering	14/09/2019
Software Applications in Civil Engineering	Civil Engineering	26/08/2019
Insights for the execution of a project work in Civil Engineering	Civil Engineering	20/08/2019
G.I.S using Modern Technologies	Civil Engineering	13/08/2019
Design of Multi Storey Building Using Stadd Pro v8i.	Civil Engineering	17/02/2020
Applications of E-TABS	Civil Engineering	04/11/2019
Industry Oriented training on Solar PV Designing Installation	Electrical and Electronics Engineering	28/10/2019
SCADA system security and its applications in Electrical Engineering.	Electrical and Electronics Engineering	02/03/2020
Power Network of the Electrical System.	Electrical and Electronics Engineering	01/02/2020
Smart Grid technology as a Renewable Energy Source	Electrical and Electronics Engineering	13/09/2019
Simulation of Substation on ETAP and adoption of Relay Settings	Electrical and Electronics Engineering	22/08/2019
Management in the New Millennium	Masters in Business Administration	12/02/2020

Attitude-The Essence for a Better Tomorrow	Masters in Business Administration	06/11/2019
Mental Health Awareness and Spreading Wisdom	Masters in Business Administration	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
NIL	NIL	NIL	Nil	NIL
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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
NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	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
NIL	0

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	Electronics and Communication Engineering	17	Nil
<a href="#">View Uploaded File</a>			

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
MBA	53
<a href="#">View Uploaded File</a>	

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
Fabrication of p-n hetero junction based MoS2	Mr. P.S. Sreenivasa Reddy	ELSEVIER	2019	4	Yes	4

modified CuPc nanof lowers for humidity sensing						
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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
Fabrication of p-n hetero junction based MoS2 modified CuPc nanof lowers for humidity sensing	Mr. P.S. Sreenivasa Reddy	ELSEVIER	2019	1	4	yes

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	145	5	40
Presented papers	12	40	0	13
Resource persons	0	1	0	6

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**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
ROAD SAFETY AND CYBER CRIMEAWARENESS PROGRAM	NSS AND TITA	25	310

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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
Digital Literacy	Certificate of Excellence	TITA	45



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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
TELANGANA GOVERNAMENT	TELANGANA GOVERNAMENT	AIDS AWARENESS PROGRAM	52	52

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### 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
Internship	KONDI SHIVANI	Institute	5

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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
MoU	Student Exchange	Navayuga Spatial Technologies Pvt.Ltd.	23/12/2019	19/01/2020	R SAIVARUN

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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
Smartbridge	20/07/2019	internship	23

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## 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
2000000	2100000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing



Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

#### 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 partially)	Version	Year of automation
KOHA	Fully	KOHA229	2009

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	23153	7208311	1825	648040	24978	7856351
<a href="#">View File</a>						

##### 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
NIL	NIL	NIL	Nil
No file uploaded.			

#### 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	780	551	780	32	30	35	25	90	0
Added	121	120	0	0	1	0	0	0	0
Total	901	671	780	32	31	35	25	90	0

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

90 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
Video Capturing and Recording	<a href="https://nnrq.edu.in/e-ContentFacility.php">https://nnrq.edu.in/e-ContentFacility.php</a>

#### 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
35.35	39.27	325.15	327.78

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 Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and restrooms are being done by the housekeeping team under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by IQAC and the report is submitted to the Director for further action. Maintenance of Laboratory Equipment Periodical check-up of equipment is carried out as per schedule by the lab in-charges. In addition, maintenance is being done regularly and respective registers are maintained in the laboratories. As per the requirement, minor repairs are carried out by the lab in-charges or faculty member in-charge of the particular lab. Major repairs for Laboratory Equipment will be carried out following the following procedures: 1. The service request is forwarded to the Director through Lab-in-Charge and HoD 2. After approval, Quotation for service is called for and the recommended service provider is identified and forwarded to the Director for approval. 3. After approval, the service is carried out in the presence of Lab-in-Charge 4. After service, the work completion statement and bills are submitted to the Accounts Department, through proper channel for payment. Maintenance of Computers: Maintenance of computers is taken care by the System Administrators. Installation of antivirus and firewall ensure that the software and system are secured. A weekly status will be checked on the hardware and software condition of the computers is undertaken and the same is noted in a register. Breakdown maintenance wherein the system fails due to SMPS problem or boot failure is recorded in a register. If the problem is minor, the System Administrators of the Computer Labs will rectify the problem. For major failures, support from the dealer is taken with the permission of the Head of the Institution. Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates etc. Library Maintenance: Library maintenance continuously involves monitoring and verification of the bundles, displaying of new material on the display racks and arrangement of the books on the racks etc. will be done by the Library Assistants. Also, the book materials are cleaned at periodic intervals to reduce the damage caused by dust, insects and pest invasion. Sports Infrastructure Maintenance: Indoor and outdoor sports infrastructure facilities are properly maintained by the Physical Directors throughout the year. Playgrounds, sports materials, and other field and gym equipment are also maintained by them regularly. Maintenance of Power and water supply: Regular check up and maintenance will be carried out by the Supervisors for providing fresh and filtered water to the entire institution. Electrician is responsible to carry out the supply and maintenance of Electricity to the campus. Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of all the Heads of Departments and the In-charges of various facilities.

<https://nnrg.edu.in/PDF/Service%20Rules&CodeofConduct.pdf>

## 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	Fee Concession	21	800000
Financial Support from Other Sources			
a) National	Fee reimbursement from Government of Telangana	1197	48559000
b) International	0	0	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 implementation	Number of students enrolled	Agencies involved
Soft skill development	15/07/2019	427	NNRG
<a href="#">View File</a>			

#### 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	186	450	186	171
<a href="#">View File</a>					

#### 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
0	0	0

### 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
NNIIT	81	25	Nil	Nil	Nil
<a href="#">View File</a>					

#### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Tech	Electronics and Communication Engineering	Central Missouri University, USA	MS
<a href="#">View File</a>					

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
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Women and Culture - Bathukamma Celebrations	Institute	400
Institute Annual Day	Institute	1700
NNRG Interclass Tournament	Institute	200
Cultural Gala	Institute	1000
Cultural programme	Institute	1200
National Level e-Quiz	National	1033
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### 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	NIL	National	Nil	Nil	Nil	NIL
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The NNRG Student Council representatives shall actively involved in various academic, co-curricular and administrative activities. Departments have a Student Council Representative for each Section who associates with various student activities being conducted in the Institution in general and their Department in particular. The student council representative plays a vital role in departmental activities such as organizing symposiums, seminars, conferences, and workshops etc. The student council members shall encourage all the students of various sections to actively involve in bringing out the Institution Magazine "REFLECTIONS" by contributing their academic, cultural, and other artistic skills for incorporating in the Magazine. Technical symposia are completely planned and conducted by the students under the supervision of

faculty. Every fortnight ELIGHT GATHERING shall be organized in the Institution wherein the student council representatives play a vital role in gathering all the students to enable the students to address the students and staff on various topics, which would enhance the leadership qualities among the students. Students are actively involved as Cultural and Sports Coordinators. The NSS unit at NNRG is functioning effectively and students shall actively participate in various programs conducted by the NSS. By participating in these social activities there is a remarkable change in the outlook of the students and their attitude towards life and society. The NCC Unit is established in the Institution with an aim to develop character, comradeship, discipline, leadership, secular outlook, the spirit of adventure, and the ideals of selfless service amongst the cadets. Students' chapters of various Professional Bodies like IET, IEEE, and ISTE etc. are actively taken forward by the students. The Institution believes in providing opportunities for the students in order to inculcate organizational abilities and leadership qualities among the students. The students' representatives also actively involved in various clubs, committees, academic and administrative committees and are playing active roles for their smooth functioning. Academic Administrative Committees: IQAC Class Representative Library Committee. Anti ragging committee. Student counseling and Grievance redressal Committee. Disciplinary committee. NSS committee. Sports committee. Arts/cultural/literary hobby club committee. CLUBS: E plus club. Photography. Literary club. Yoga Meditation Club. Hobby Club.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of NNRG Institution is a registered Association. The institute has a well networked alumni association spread over various parts of the world. The institution has alumni portal in its Website to collaborate with the alumni. The institution collaborates with the alumni by arranging alumni meets every year. All departments have an alumni faculty coordinator who keeps record of the alumni and communicates with them through e-mail. The members of Alumni Association regularly interact with the Director, Deans, IQAC, HODs, Faculty and TPO regarding the need of the Institution and their expectations from alumni. The members of the institution administration and the senior faculty of all the departments participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the Institution. The Departments seek the opinion / suggestions of alumni on various developmental Activities by sending mails to them and requesting them to fill the form supplied in this regard. One of the objectives of the association is to develop a mutually supportive relationship with alumni and to encourage lifelong learning and continued growth of the alumni and at the same time provide opportunities to contribute in their own way to their Alma mater. The objectives are to: • Enhance employment and internship opportunities and help current students receive mentoring • Support from the Alumni encourage, Motivate and educate course pursuing students through Guest Seminars/Workshops. • Generate funds to support social causes such as Educational sponsoring and create Environmental awareness, Upkeep and uplift the reputation of the Institution and its fraternity.

5.4.2 – No. of enrolled Alumni:

366

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

183000

5.4.4 – Meetings/activities organized by Alumni Association :

2

## 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)

The institution defines the decentralization in working through delegation of authority. Personnel at different levels implement the decisions. The delegation of authority can be organized in the form of various levels. The Institution has the culture of following decentralized governance system with well-defined interrelationships. Institution delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular, cocurricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty also the Management shall extend enough financial powers to Head of the Institution to carry out the activities. The Institution adopts a culture of decentralized governance and delegates the powers to the Departments, like:

- The Head of the Department has the authority in deciding the activities and delegating the responsibilities to the staff members of the department.
- The department decides on timetable, subject allocation, purchase of equipment and consumables, organizing guest lectures and workshops, recommend necessary industrial visits, implant trainings, MoUs and work to achieve its goals, vision and mission.
- Administration: Freedom to organize the administrative activities in accordance with the institutional policies.
- The HOD has leave sanctioning authority and autonomy on certain academic issues.

**PARTICIPATIVE MANAGEMENT:** The Institution is keen on the teachers' involvement and participation for improvement of effectiveness and efficiency of the institutional teaching learning process. The Institute has always been in favor of participative management and promotes a culture of participative management in the Institution. The decisions and action plans suggested by teachers in various meetings like Director, Deans HODs meeting and Departmental meetings are conveyed to the Management through the Director. The management ensures and render their approval on the opinions and suggestions made by faculty on implementing various action plans for the development of the Institution. The IQAC is involved in developing a quality system for conscious, programmed action to improve the academic and administrative performance of the institute. IQAC meets at regular intervals and plays an important role in the implementation of its plans and policies. Entire functioning of institute activities is decentralized into various committees, with committee Conveners and committee members. Committee members consist of both students and staff demonstrating participative management. This process probes to the institutional practices for decentralization and participative management.

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
Human Resource Management	<ul style="list-style-type: none"><li>• Institute maintains a robust student- Teacher ratio and promotes</li></ul>



collegiality in its effort to retain faculty. • Institute provides financial assistance to faculty for improving their professional skills and to undertake research.

Library, ICT and Physical Infrastructure / Instrumentation

The NNRG Library is fully automated and has online databases of E-resources and E-Journals for easy access of the students from anywhere. the library is well equipped with all the facilities According to AICTE guidelines. The library is open from 9.00 a.m. to 6.PM a.m. In the class rooms, unlike fixed infrastructure of class room delivery using digital modes set up has been integrated where teachers can integrate their laptops, mobiles, tablets and deliver their lectures.

Research and Development

- Organizations of conferences, seminars, workshops, training programmes.
- Sponsoring faculty for conferences, seminars, workshops.
- Encouraging faculty towards getting projects.
- Establishment of research groups and committees.
- Creating awareness among research faculty on SCOPUS indexing and other parameters like h-index etc.
- Encouraging faculty to publish only in reputed journals.

Curriculum Development

The Department Advisory Committees are constituted with members from industry, expert faculty and student representatives. • The feedback collected from students, alumni, industry for curriculum and suggestions were placed in DAC meetings. High Priority is given for employability and value based education.

Teaching and Learning

The academic schedule and teaching plans are prepared in advance and executed meticulously. The conventional as well as modern teaching methods are adopted by the faculty. Student seminars, assignments, projects, field work and internships are part of the curriculum in majority of the programs. The students are provided with academic guides for interaction beyond classrooms. The advanced learners and research students take partnership in research projects with the faculty members. The meritorious students are recognized and awarded special prizes. The student feedback on performance of teachers is collected and analyzed regularly and based on that measures

	are taken to improve quality of teaching learning process.
Examination and Evaluation	<p>The Institution ensures strictly the guidelines stipulated by the affiliated University in the Evaluation process and reforms: There will be two midterm examinations for theory subjects and two assignments during a semester. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. Mid examination question papers are prepared by the faculty based on OBE by considering Blooms' Taxonomy levels and Cos. For practical subjects there shall be a continuous internal evaluation during the semester. The external Lab examinations will be conducted by an external examiner appointed from the clusters of colleges which are decided by the control of evolution of the Affiliated University. Industrial Oriented Mini Project/Summer Internship shall be submitted in a report form and presented before the committee in IV year I semester. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department will evaluate the Mini Project/summer internship. There shall be a seminar presentation in IV year I semester. UG project work shall be carried out during IV Year II Semester. The end semester examinations question paper will be framed by the Affiliated University and the examination will be conducted strictly as per the schedule of University Academic Calendar. The Mid answers books are shown to students after evaluation of scripts for avoiding discrepancies in evaluation of answer scripts and partiality or favoritism. Internal Examination Results are announced immediately after evaluation of answer scripts through displaying in Notice boards and same will be intimated to parents via SMS.</p>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• The institute is having interaction and collaboration with reputed research organizations, industries and institutions and has MOUs with these organizations.</li> </ul>
Admission of Students	All the admissions are based on merit in accordance with the rank obtained in



the Common Entrance Test (EAMCET) or marks obtained in qualifying examinations and following the rule of reservation as specified by the Government of Telangana.

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

E-governance area	Details
Planning and Development	The UOLO, 24/7 ERP package
Administration	The UOLO, 24/7 ERP package Fedena
Finance and Accounts	TALLY software
Student Admission and Support	The UOLO, 24/7 ERP package Fedena
Examination	The UOLO, 24/7 ERP package

### 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
2020	Dr Awari Mahesh	International Webinar on Utilization of Iron and Steel Slag in Road Cosntruction	CSIR	500

[View File](#)

#### 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)
2020	Multi Disciplinary Approaches in Civil Engineering	Multi Disciplinary Approaches in Civil Engineering	29/06/2020	03/07/2020	8	3

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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
Multi Disciplinary	1	29/06/2020	03/07/2020	5

Approaches in  
Civil  
Engineering

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
156	156	168	168

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health insurance ,EPF,ESI, Leaves	Health insurance ,EPF,ESI, Leaves	health, library, sports, e-learning facilities

6.4 – Financial Management and Resource Mobilization

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

The NNRG is maintaining a very transparent financial system as per the rules and regulations for the auditing purpose. The Institution has well defined processes for sanction of budget for the related expenditure being incurred every year. Accordingly, the expenses will be incurred in the Institution strictly in accordance with budget provided for the related heads of the account. After the delivery of any material/equipment proper stock entries will be made in the Departmental/Lab stock registers and along with the signature of the HoD, the bills/vouchers will be forwarded to the Head of the Institution. The Head of the institution verifies scrupulously the material received by the respective Departments and the Bills/vouchers and finally approves the bills for making the payment. All the bills and vouchers are first audited by the internal auditor on a regular basis. Proper records for all the expenses are maintained by the accounts Department. The accounts of the Institution are audited regularly as per the Government rules. In every financial year the Institution will conduct internal audit through Accounts Department staff before submitting the final records to the external Auditor. After verifying the records submitted by the Institution, an external Auditor appointed by our Educational Trust, will execute the statutory audit. Statutory financial audit is conducted in two sessions one in the month of October/November for the period of April to September and second in the month of April/May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Chairman and Chartered Accountant. The external statutory Auditors shall visit the Institution for final vouching audit and submits the final Audit Report for the respective financial year.

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
NSS, Management, philanthropies	500000	conducting NSS activities, Providing Freeships to the students
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6.4.3 – Total corpus fund generated

**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	BMS Certification pvt. ltd.	Yes	IQAC
Administrative	No	Nil	Yes	IQAC

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

The parents are every so often apprised about the institute and department activities through students, mails and SMS. The feedback back from parents various academic and non academic activities are collected and analyzed. The orientation programmes are organized in institute for which the parents are also invited at the beginning of the academic year. The institute believes and maintains a holistic relationship between teachers and parents which can improve the quality of education and it adopts several initiatives in this direction.

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

- Training programmes are organized periodically to improve their professional skills
- Awareness and sensitization programmes are organized on various issue including gender and sexual harassment issues.
- Awareness programmes are organized on personal financial planning etc.

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

Alumni Association was registered and organizing certain events through the association for the benefit of students. Cell for institution innovation Skill Development Entrepreneurship is a newly set up centre to make large reform in enhancing skills to train workforce. This Cell foresees the Nalla Narsimha Reddy Education Society's group of institutions as the ultimate in skill development and nurturing entrepreneurial skills. Mission of the centre is to ensure employability through industry by developing necessary mechanism to bridge skill gaps and fostering new startups. The faculty have taken initiation to prepare digital content for all courses and developed virtual lab, augmented videos and placed in the LMS and YouTube for future.

## 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
2020	Establishment of institution innovation	24/02/2020	24/02/2020	24/02/2020	1600

**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
Start up Bootcamp by Ms.Deepika Joshi, Ideavator, Hyderabad	24/09/2019	24/09/2019	200	0
Bathukamma celebrations	12/10/2019	12/10/2019	400	Nil
Women awareness "Research Guidance & Innovative strategies" by Dr. P.L akshmisanthi	02/02/2020	02/02/2020	200	Nil
International Women's Day	11/03/2020	11/03/2020	400	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

70 to 75 percentage depending on weather condition

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Scribes for examination	Yes	0

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	8	8	30/08/2019	1	HARITHA HARAM	The NSS Volunteers spread	140

awareness on the importance of planting trees through sloganeering in and around the college campus

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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)
Code of Conduct	01/07/2019	<a href="http://www.nnrg.edu.in/PDF/Service20RulesCodeofConduct.pdf">http://www.nnrg.edu.in/PDF/Service20RulesCodeofConduct.pdf</a>
HUMAN VALUES PROFESSIONAL ETHICS	01/07/2019	<a href="http://www.nnrg.edu.in/PDF/humanvaluesandprofessionalethics.pdf">http://www.nnrg.edu.in/PDF/humanvaluesandprofessionalethics.pdf</a>

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tobacco-Free Society Pledge by Students	25/10/2019	25/10/2019	200

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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Steps have taken to make campus plastic free. • The administration has taken strict measures to see that the campus is free of plastic carry bags and plastic cups. • Waste water diverted towards plantation • Canteen is made plastic free i.e no plastic cups and plastic plates are allowed inside the campus • Swatchch Bharath is observed in the campus • Conducting awareness programmes for institute community and society along with NGO's on eco friendly products and processes. • Observed World Environment Day

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**BEST PRACTICE - 1**

**1. TITLE OF THE BEST PRACTICE** INNOVATIVE PRACTICES IN CURRICULUM ENRICHMENT AND IMPLEMENTATION

**2. OBJECTIVES OF THE PRACTICE:** To develop through knowledge of the subject and other relevant skills. To provide adequate learning opportunities for slow learners and advanced learners. To bring effectiveness in teaching-learning practice.

**3. THE CONTEXT:** All the departments of NNRG have put in tremendous efforts in the implementation of curriculum with various innovative practices like implementing add-on programmes, certificate programmes and vocational education programmes which will impart the subject knowledge along with employability skills to the students. The institute is practicing innovative teaching methodologies like participative learning, flipped classes, ICT based learning etc. to make a balance among slow learners and advanced learners and to produce globally

competent and ethically strong professionals. 4. THE PRACTICE: NNRG has adopted innovative practices with defined schedules, adequate duration and required practical skills. The students are permitted to register as per their interest. The courses range from foundations of Mathematics, English, Physics and other Engineering, Pharmacy and Management Sciences to advanced courses like CAD-CAM, Robotics, IOT, Implementation of Software Applications, Computer Aided Drug Design, Artificial Intelligence, Design of Civil Engineering structures using Primavera, Staddpro, E-tab, Financial Modules etc. All the courses are developed by the faculty members with consultation of subject experts and approved by the Institutional Academic Committee. In addition to the above courses, arranging internships, field trips and industrial visits with different organizations including MOU firms under industry institute interaction cell. 5. EVIDENCE OF SUCCESS: It has been witnessed that majority of the alumni have been functioning effectively in the reputed institutions and industries and the success of alumni was a strong motivational factor for the juniors. The student's success rate was identified in the improvement of their communication skills, subject knowledge and performance in placements. The institute database indicates that majority of the students felt that they are benefited tremendously by the courses introduced in addition to the regular syllabus of the university. They opined that the ICT tools played a dramatic role in understanding the concepts more effectively. The students from rural background utilized these opportunities and succeeded in their career. 6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: • Time is the main constraint for both the students and faculty members in smooth functioning of the programs. • Lack of awareness among the students on the advanced programs. • Sustaining student interest in completing the course with the desired objective is one of the challenges. Getting adequately trained faculty to teach the skill based concepts. • Unwillingness among the students to take sustained interest in the opportunities provided by the institute. The Resources required identified as: • Manpower - Requires expertise as well as upgrading the existing faculty for the conduct of the programmes. • Cost - All programmes are offered at free of cost and contributed by the institution. Financial assistance for training of teachers is required. • Time - Additional working hours are allotted into the regular schedules. • Infrastructure - The classrooms, library and laboratories are available in the institute. • Transcript - the certificates are provided.

BEST PRACTICE-2 1. TITLE OF THE PRACTICE: SERVICE AND LEARNING THROUGH OUTREACH PROGRAMMES 2. OBJECTIVES OF THE PRACTICE: • To inculcate the values in education and a sense of social responsibility in students. • To motivate the students with the spirit of active involvement in the service to the society. • To encourage young minds to work together, give back to our community and society. • To make awareness in rural population and members of the low-income group to prevent contagious and other diseases like malaria, dengue etc., and to maintain nutritious and balanced diet. • To donate blood to the needy people and save their lives. To promote volunteerism and community-based work in the field of education. • To contribute to the cause of total literacy campaign through participation of students in their own localities and to empower the domestic workers and underprivileged sections of the society through literacy. • To create awareness on Environmental sensitization of near and local areas. • To create awareness on digital literacy through adoption of the village. 3. THE CONTEXT: Social responsibility has been a fixture in the higher education institutions to contribute good health and welfare of society. Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG) has involved in civil and community service through outreach programmes. The success of an institution indicates the development of community and society. The students and faculty members are being involved for the development of the society by utilizing the resources of the institute. The institute is working for the empowerment of women, uplifting literacy, prevention of diseases etc. under community development. The institute is promoting values in education to the



society by its contributions through various activities. The institute is working in association with local bodies and developing local communities. 4. THE PRACTICE: NNRG is organizing various social service activities as a part of the outreach programmes. Some of these are, Swachh Bharat : Students participated in Swachh Bharat programs through the institution's NSS unit and cleaned institution's surroundings, roads of the adjacent villages. Also planted samplings and watered them regularly within the campus and in nearer villages like Korremula, Pratapasilingaram and Chowdariguda. Created awareness to the villagers about cleanliness, contagious diseases, and construction of toilets and problems which arises through open defecation. Medical and Health awareness camps : NSS unit also organized local tour in near villages to create awareness on baby care, breast feed and deworming. It is observed that majority of village women feeding their kids, but some of them are not using sanitary napkins which causing UTI. Pharmacy students explained the importance of sanitary napkins to women and the way to dispose them. Pharmacy students of NNRG through NSS unit organized medical camps in Korremula, Pratapasilingaram and Chowdariguda villages. Also conducted healthcare awareness camps on Diabetes, Hypertension, Thyroidism and Antibiotics use. It is also observed that some of them are habituated to smoking, drinking alcohol. Pharmacy students created awareness and advised the evils of these bad habits to them with visual aids.

Telangana Information Technology Association (TITA) TITA recruited NNRG students as volunteers and they are actively participated in creating awareness about computer knowledge to rural people including government school students.

NNRG students visiting nearby villages and identifying the candidates for digital literacy and providing the training in digital operations in the institution's computer labs. They also conducted DIGITHON in Prathapasilingaram. Digital India Programmes: Students are participated as a part of Digital India to make awareness in cash less transactions, security and safety measures while doing the online bank transactions and mobile banking etc. Center of Human

Excellence The institute is promoting human excellence through its well established Swami Vivekananda Center for Human Excellence under the aegis of Ramakrishna Matt, Hyderabad. This center is working towards development of human values and professional ethics. Eminent personalities and motivational speakers are invited for the benefit of students and faculty members. Blood Donation Camps Every year students, faculty and staff members are participating in blood donation camp and donating blood through the various organizations like Indian Red Cross Society, Lions Club, Ray of Hope, Rudhira etc. in large amount. 5. EVIDENCE OF SUCCESS: Students and staff donated large volumes

(units) of blood in different blood donation camps held at NNRG and saved the lives. Achieved 100 digital literacy in students of Prathapasilingaram village ZPHS through Digithon program. Treated the diseases of villagers through the diagnosis and medicines distribution through the medical camps conducted. The volunteers worked in the programs in TITA are employed in reputed companies.

Students are selected as volunteers by Rama Krishna Matt, Hyderabad through their excellence in service. 6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Time

is a major constraint as the students are busy in their regular academic schedules. Lack of experience in community work and lack of cooperation from other officials is another challenge in the implementation. Lack of awareness on the part of the community about various schemes. Financial constraints in the implementation of large targeted areas. A detailed plan with all stakeholders, regular interaction of students personal meeting by the staff with various officials, prompt supervision and guidance, sharing of experiences, monitoring and evaluation of programmes and sharing with the help of various clubs and societies are some of the strategies to overcome the above challenges. The resources required are: Financial resources towards creating awareness, training, computers, medicines and other equipments. Certain portion of expenses shared by the contribution of management and faculty members. Human resources in the form of experts, faculty and students. Institute is engaging

the programmes with the existing faculty.

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

[https://nnrg.edu.in/PDF/igac/best\\_practices.pdf](https://nnrg.edu.in/PDF/igac/best_practices.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

The Nalla Narasimha Reddy Education Society's Group of Institutions is distinct in implementing its Vision to produce globally competent and ethically strong graduates by imparting quality education, by virtue of which students contribute in technological as well as societal growth and welfare. With its Vision, the Institution consistently provides motivation, support and excellent platform to young engineers, pharmacists and management students to inculcate entrepreneurial, leadership, project management and multidisciplinary skills for enrichment of competency in their fields of relevance. The Institution ensures to impart quality education to all of its students not only through enhancing their intellectual ability but also by nurturing their talents which will make them to acquire suitable skills and excel well in academics which is the primary goal and vision of the Institution. The Institution strives hard to shape the students into better and ethically strong citizens by enriching their self confidence, perseverance, patriotism and humanity. The teachers and students work with great earnestness and sincerity and involve not only in curricular, co-curricular, extra-curricular and cultural activities but also in socially significant activities to augment the prominence of the Institution.

The main objective and Vision of the Institution is to provide quality education in engineering /Pharmacy Management Sciences with extensive hands-on opportunities and industry exposure, so that students will be ready for careers in engineering/Pharmacy, Management and entrepreneurship after they complete their education in the Institution. To support these ethical ideas, Institution provides adequate infrastructure facilities which are meeting not only the norms of regulating bodies but also satisfies functional needs. The Laboratory equipment is as per the syllabus requirement with sophisticated and high-end equipments to carry out the student projects and research. The Institution conducts soft-skill development programs, career counseling, and personal enhancement sessions for the students by inviting external experts and motivational speakers. For the overall development of the students, the Institution encourages the faculty members to supplement the latest technologies along with regular teaching to make the learning more effective.

The faculty tries to bring innovation in teaching by using social learning platforms, learning through projects etc. and all these innovations in teaching have led the students to improve in academic performance, co-curricular activities, soft skills and industry readiness. The faculties are encouraged to use ICT facilities in teaching to show animations and to explain the basic concepts of the core subjects and faculties are trained by experts in latest teaching methodologies very often. This made the students to understand the concepts and principles very well and thus improving their performance in the academics. Students are taught from the beginning the importance of ethics, values and respect which they are imbibing with good traits and these practices are yielding good results in terms of academic results, placements and to lead their lives for better sustainability.

Provide the weblink of the institution

<https://nnrg.edu.in>

### 8.Future Plans of Actions for Next Academic Year



? To achieve an autonomous status. ? Encouraging the research by funding the faculty research projects ? Improving Industry - Institute interaction ? Encouraging faculty to publish their research articles in SCI/Scopus journals by providing incentives ? Creating awareness on intellectual property rights among faculty and motivating them to apply for patents. ? Strengthening the Teaching - Learning process ? Encouraging the departments to establish incubation centers