



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		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 its own campus?		Yes
• Phone No. of the Principal		04029705282
• Alternate phone No.		04029705282
• Mobile No. (Principal)		9985311109
• Registered e-mail ID (Principal)		director@nnrg.edu.in
• Address		Chowdariguda(V), Korremula X Road, Ghatkesar(M)
• City/Town		Medchal Malkajgiri
• State/UT		Telangana
• Pin Code		500088
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		03/11/2021
• Type of Institution		Co-education
• Location		Urban

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. P. Ramesh				
• Phone No.	04029705282				
• Mobile No:	9502941951				
• IQAC e-mail ID	iqac@nnrg.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://nnrg.edu.in/iqac.php				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://nnrg.edu.in/academic-calendars.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.29	2021	23/02/2021	22/02/2026
6.Date of Establishment of IQAC			20/06/2016		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	0	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	4				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	Yes				

uploaded on the institutional website?		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
Curriculum, Syllabus and Regulations are formed for autonomous implementation		
Teaching learning center is established to enhance the teaching learning process		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		
Plan of Action	Achievements/Outcomes	
1) Academic calendar 2)Administrative and Academic Audit 3) annual performance base appraisal 4) NIRF & ARIIA 2023	1 prepared and implemented 2 conducted 3) complied 4) participated	
13. Was the AQAR placed before the statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		
Name of the statutory body	Date of meeting(s)	
Governing Council Meeting	06/12/2023	
14. Was the institutional data submitted to AISHE ?	Yes	
<ul style="list-style-type: none"> Year 		

Year	Date of Submission
2022-23	16/02/2024

15. Multidisciplinary / interdisciplinary

The regulations of the programs of the institution have been so designed to implement Choice Based Credit System (CBCS). Professional electives and open electives are offered in the curriculum that enables the students to specialize in specific requirements and emerging areas. To inculcate multidisciplinary knowledge to students, open elective courses are offered by various departments from the 3rd year II- sem to the IV-II semester of the curriculum.

16. Academic bank of credits (ABC):

The Institution has established the Academic Bank of Credits on the lines of the National Academic Depository (NAD), in the sense, NAD is the backbone of ABC, where the students' academic data are held and academic awards are stored (i.e. storehouse of academic awards).

17. Skill development:

The institution promotes the learning and training of students to upskill themselves. The Institute provides technical training as well as soft skill training starting from the 1st year. Value Added Courses imparting transferable and life skills in the form of MOOCs courses through NPTEL and programs on extracurricular and co-curricular activities conducted. The MoU will further enhance the pool of talent transformation in the field of engineering, pharmacy, and management sciences.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Institute ensures appropriate integration of Indian knowledge system by encouraged Students to do MOOCs courses on Values and ethics. Although the primary mode of communication is English, faculty members and technical assistants are also imparting the knowledge and clearing doubts by communicating in regional language Telugu, Moreover, many of the students are from rural areas having studied up to class X in Telugu medium and therefore prefer it for better understanding. Institute has provision of various committee activities which contribute to sensitizing students to cross-cutting issues like Gender, Environmental Sustainability, Human Values and Professional Ethics for development of creative and divergent competencies. Subjects like Indian Constitution, Ethics & Value

system of Indian culture; Environment Eco-system, etc. are offered in order to inculcate sense of national integration, culture and civic sense among the student community.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The institution has adopted the outcome based education (OBE) model. All the programs of the institution design develop and implement curricula based on the model. The institution collects the Inputs from all stakeholders of using periodic surveys. These inputs focus on local, national, regional and global developmental needs. Graduate attributes set by Washington accord are considered in the program outcomes (POs) and program specific outcomes (PSOs) Design. Courses under various kinds as suggested by statutory bodies such as AICTE, PCI and the affiliating university, JNTUH are included in the curriculum. The courses are selected such that cumulatively they will be able to address the POs and PSOs of the respective program. Course outcomes (COs) are designed and developed to address the requirements of POs and PSOs. The relevance is also checked using course articulation and program articulation matrices. Course outcomes are further developed into the enabling outcomes and faculty members teaching courses, deploy the content relevant to these outcomes in the teaching learning process of the institution. Hence the curricula, teaching learning process and its outputs are made relevant to local, national, regional and global developmental needs.

20.Distance education/online education:

The institute has been conducting regular classroom teaching employing ICT enabled tools and actively encourages students to engage in online courses offered by national agencies such as the MOOCs (Massive Open Online Courses), SWAYAM, NPTEL and more. By participating in these online learning programs, students can expand their knowledge, acquire new skills, and enhance their educational experience beyond the traditional class room Teaching.

Extended Profile

1.Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3108

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 425

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 3108

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 511

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 165

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3108

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

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File Description	Documents
Institutional Data in Prescribed Format	View File

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Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 511

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	165
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	165
Number of sanctioned posts for the year:	

4. Institution

4.1	444
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	52
Total number of Classrooms and Seminar halls	

4.3	650
Total number of computers on campus for academic purposes	

4.4	883.70
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution has adopted the outcome based education (OBE) model. All the programs of the institution design develop and implement curricula based on the model. The institution collects the Inputs from all stakeholders of using periodic surveys. These inputs focus on local, national, regional and global developmental needs. Graduate attributes set by Washington accord are considered in the program outcomes (POs) and program specific outcomes (PSOs)

Design. Courses under various kinds as suggested by statutory bodies such as AICTE, PCI and the affiliating university, JNTUH are included in the curriculum. The courses are selected such that cumulatively they will be able to address the POs and PSOs of the respective program. Course outcomes (COs) are designed and developed to address the requirements of POs and PSOs. The relevance is also checked using course articulation and program articulation matrices. Course outcomes are further developed into the enabling outcomes and faculty members teaching courses, deploy the content relevant to these outcomes in the teaching learning process of the institution. Hence the curricula, teaching learning process and its outputs are made relevant to local, national, regional and global developmental needs.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

415

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

227

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

the curriculum includes courses to address the Professional Ethics

and Human Values, Indian Constitution, Environment and Sustainability, gender sensitization, Intellectual Property Rights by all engineering and pharmacy programmes, cyber forensics by CSE, Renewable energy sources by civil engineering, mechanical engineering, electrical and electronics engineering and Disaster management by mechanical engineering, electrical and electronics engineering, ECE, Civil Engineering, Business law and Ethics by Master of Business Administration (MBA), Entrepreneurship and small business enterprises by Mechanical Engineering and B.Parmacy, Industrial waste water treatment by Civil Engineering., As a part of curriculum to all UG programmes, during induction programme for first year students the orientation on Universal Human Values was offered to all first-year students. Institute delivers various lectures by inviting eminent speakers to deliver Guest lecturers and organize the events to create awareness on environmental issues and build up moral and ethical values among the student community. The teaching of values like gender equality, environment protection, transparency, and ethical behavior takes place in a systematic way through various activities.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

13

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

572

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

617

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://nnrg.edu.in/feedback
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://nnrg.edu.in/PDF/FeedbackReport.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

818

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

412

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

At the end of the admission process, a general review is conducted and the student's profile is checked to assess the quality of the admitted students the institution takes steps to bridge any gaps in the knowledge base of the students. The Institution pays required attention to both the slow and advanced learners irrespective of their background and maximum efforts are bestowed to enhance the performance of slow learners. The Institution organizes Orientation Program for the parents and the students at the commencement of the academic year for all the programs. The program would help the students and parents to get familiarized with the institution, course structure, credits, and curricular and co-curricular activities. Every class contains a mix of intelligent and average students. The slow learners and advanced learners are distinguished on the basis of marks obtained in their previous course; and subsequently, the classification of slow and advanced learners is done from time to time on the basis of day-to day evaluation, internal exams, University exams, assignments, presentation of seminars and observation in tutorial sessions,

etc. The interactive teaching methodology is an essential part of the regular classroom activity and enables the lecturers to identify the slow and advanced learners.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/11/2022	3108	165

File Description	Documents
Upload any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Experiential learning:

The main focus of experiential learning is on knowledge transfer and learning through students' active participation and involvement. The Teachers provide a platform for students to explore independently and learn through self-study and from their guides to develop effective and lifelong skills. The Institution adopts certain learning methodologies to motivate the students to learn for higher retention of knowledge through better understanding for developing a positive attitude towards the subject taught.

Participative Learning Methods:

The institution is adopting Participative Learning Methods which include the presentation of Technical seminars by students on topics related to the curriculum and making them work towards Competitive and Team Spirits are developed through debates and panel discussions. In addition to this students involve themselves in making working models and exhibits to be showcased during

inter collegiate symposia. The invited talks and workshops enable the students to have exposure to the latest trends and issues in their own discipline and also learn the ways and means to handle them.

Problem Solving Methodology:

Apart from the above methods, Teachers are conducting Tutorial classes which are part of the course delivery to inculcate problem solving skills among the students to supplement the regular teaching-learning process.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The Institute provides E-learning platforms to facilitate independent learning wherein students can access course contents online. Thus e-learning platforms through online facilities to bridge the gap from classroom learning, and also supplement advanced learning and allows the students to access technical resources such as NPTEL, SWAYAM lectures etc.,

Flipped Classroom & Blended Learning:

The faculty employs flipped classroom and Blended learning system to encourage active learning among students. In these pedagogical models, students' engage with the concepts individually outside the classroom through short videos and Open Educational Resources. The class room activity then focuses not on concept understanding but on higher order thinking skills like creating, analyzing and application of the knowledge gained.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://nnrg.edu.in/PDF/agar/2022-23/Cr-2/2.3.2.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

165

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic Calendar:

- IQAC will collect the plan of action from Department and Section heads like Placement cell and office of Controller of Examination and puts forth in the Academic Committee and prepares a well-planned Academic calendar. It is printed and displayed in the notice boards, and kept on the college website. The calendar, made available to the students before the commencement of class work, includes: Reopening and last Lecture day of instruction, schedules of Continuous Internal Assessment and End semester Examinations, preparation holidays for final examinations, and vacation periods. In case of any unexpected situations which are beyond the control of the institution, necessary change is made by the authorities and the same is displayed in notice boards and website.
- Teaching Plan Heads of the departments conduct meeting with their respective faculty well in-advance of commencement of the semester course work, and allocate Courses. A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace

of teaching. Course-coverage is monitored by the concerned HOD and deviations if any are clarified with the concerned faculty and special class work is planned. The academic plan is structured in accordance with the needs of Outcome Based Education.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

165

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

30

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

743

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

45

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The autonomous examination system of the institution is ably supported by a strong IT infrastructure. The institution is used IT tool for the management of the entire examination system commencing from course registration and ending with publication of results. The processes and procedure of the examination system are documented, reviewed by committees, and approved by competent authority. Improvements in processes and procedure are periodically introduced and approved by statutory bodies. The

institution follows continuous comprehensive evaluation system with absolute grading and CGPA-based reporting of student performance. The IT tool is used in the management of course registration, attendance recording, and entry of marks, calculation of internal marks, CO Wise attainment calculations, collection and reporting of faculty feedback. The institution is also well-equipped to conduct proctored examination.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

All the programs offered by the Institution have well defined their own Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and all the programs are following common Program outcomes (POs) which are fixed and given by the NBA, Course Outcomes (COs) are Defined by the course handling faculty.

Teachers are conversant with PEOs, PSOs and POs of the programs as they are involved in PO - PSO formation process. Head of the Departments, POs and PSOs are displayed for teachers and students at the following prominent locations; Institution Website, HOD cabins, Notice Boards, Department laboratories and Department Library, etc., and intimated to the students in the classrooms.

Course hand book: The course handbook for every program includes Vision Mission, PEOs, POs, PSOs of the Program offered by the department and COs of various courses of the Curriculum Course Files: All the faculty members will prepare their own course file for each semester that catalog the Vision- Mission of Institution and Department, PEOs, POs, PSOs and COs. Library: Institute's central library maintains the POs, PSOs and COs of all programs for easy access to students and faculty through the syllabus books of various programs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://nnrg.edu.in/PDF/agar/2022-23/Cr-2/2.6.1.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Mehod of measuring attainment of POs, PSOs and Cos The effectiveness of the course outcomes have been justified with the help of Performances made by the student in Internal Assessment and End Semester University examination. The Internal Assessment includes Assessment Examination and Assignments. The end semester examination will be conducted by the affiliated university. PO attainment measuring value is calculated by considering with 80% weightage of Direct Assessment and 20% weightage of Indirect Assessment Direct Assessment: The assessment criteria for the theory courses of all semesters/years: For Mid Exams, Assignments and University Exams: 1. If at least 70% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is 3. 2. If 60%-69% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is 2. 3. If 50%-59% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is 1. 4. If less than 50% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is 0. Laboratory

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nnrg.edu.in/PDF/agar/2022-23/Cr-2/2.6.2.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

340

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

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

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

- Research and Development has been established in the institute which has the following specific objectives: • Research and Development center is functioning to coordinate Research and development activities of the institution, guided by the R&D Committee, headed by the director.
- The R & D cell is responsible to formulate various process, procedures, and methodologies for research activities.
- R & D cell along with R & D coordinators from various departments coordinates routine research activities of the institution.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	https://nnrg.edu.in/PDF/NNRG-R&D-Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

5.6

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

10

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution has facilities for research programs with well equipped Research laboratories, Incubation center, Robotics center, e-journals, experienced and senior faculty who plays an encouraging and steady role in promoting an ecosystem for innovation among the fraternity of the teaching staff and students. This spirit of innovation encompasses various outreach programs for creation and transfer of knowledge. Institution has set up Incubation center in association with Digital lynk and H BOT Industries under Entrepreneur Development cell to broaden scope of research activities and to promote Entrepreneurship through industry and institute interactions. Incubation cell of institution is well equipped with Computers, Internet, Printers, Projectors and LCD screens and hi end equipment and development boards etc, stake holders for Designing and developing high performance Circuits and Systems catering to hardware industry. Institute Incubation center have ample scope for Industry and for product development skills. The Institute is organizing workshops, seminars, guest lecturers for the students to enhance the learning

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

3

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

20

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

33

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nnrg.edu.in/PDF/agar/2022-23/Cr-3/3.4.4.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

15

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

18

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institution is very perceptive to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The Institution believes in giving back what it has gained from the communities in which we live, work, and play. The Institution has NSS Unit approved by JNTUH, The main objective of the NSS is to create awareness among the villagers and to counsel them on food consciousness and healthy living habits, creating awareness on education and educating them on environment protection and Clean and green activities. The Institution is frequently arranging under the auspices of NSS several programs like frequent eye check and health camps which gives momentum on how to keep their eyes and health hale and hearty; organizing various awareness camps for the students and also for the nearby villagers to create awareness regarding road safety, pollution, Hazards of Plastic Use, Voters' pledge program to create awareness about the voter's rights and responsibilities, etc. students participated and performed the task of cleaning the village to make it plastic free; and planted about 100 samplings on both sides of the road leading to the PRATAPA SINGARAM village.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://nnrg.edu.in/national-service-scheme.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

10

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through

NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

6

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1517

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

147

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

9

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institution has a sprawling area of 12 acres with a built up area of about 3 lakh Sq.ft. with spacious structure. The Campus is located in a serene and lush green environment with abundant trees and plants with excellent ambience to uphold peaceful atmosphere to impart higher education.

The following Facilities are available in the Institution:

- The class rooms, seminar and conference halls are provided with ICT facilities for delivering the effective lectures and meetings. State-of-art Laboratories as per the norms of the Affiliated University and AICTE with sophisticated Equipment.
- Tutorial Rooms with adequate furniture.
- Incubation Centre and Robotics Lab to carry out the Research and Development activities for the faculty and students who involve in research activities in cutting edge disciplines.
- Centralized Digital Library with web based resources, audio/video materials with latest software for efficient functioning with 300 seating capacity; e-books, e journals, DELNET facility; good collection of books, National & International Journals to carry out the research; Separate reading room for the library users.
- 600 mbps broadband connectivity and 25 controlled Wi-Fi access points and optical fiber Connected network for campuswide internet access
- Placement & Training Cell with adequate infrastructure to conduct interviews, activities and seminars etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The Institution promotes Sports, Games and various cultural activities and offers the individual an opportunity for all-round development by enhancing self-knowledge, expression, personal development, courage and social interaction.

The following sports facilities and material are provided for conducting Sports & Games events.

- One Football field(80X94 Sq.Mtrs)
- one cricket ground with matting and pitch for net practice(108x108 Sq.Mtrs) (54mtrs radius) Kho-Kho court (27X16 Sq.Mtrs)
- 2 Kabaddi court(22X18 Sq.Mtrs)
- 2 basket ball courts with gallery (42X34Sq.Mtrs) (each 28X15 Sq.Mtrs) badminton courts(13.40x6.10 Sq.Mtrs)
- 2 volley ball courts (35x27 Sq.Mtrs) (each 18X9 Sq.Mtrs) Tennikoit court(12.20x5.50 Sq.Mtrs)
- Throw ball court(12.20x18.3 Sq.Mtrs) a gym Athletics facilities like long jump(11x60 Sq.Mtrs),high jump,Javeline through,shot put through,discuss through,Hurdles,weight machine,stadio meter.
- Besides, the institute has facilities for an indoor game like caroms, table tennis and chess etc., yoga is available in engineering block.

Cultural Activities:

Apart from the Sports and games, Cultural Activities, Yoga & Meditation are also taking part in the Institution to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. The institute has auditorium and halls besides two open-air stages. Professional trainers are arranged by The Arts & Cultural Activities Committee for training the students.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	https://nnrg.edu.in/sports-and-games.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

40

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

112.07

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library is an essential part of the academic control of our Institute. The Library has an area of 1159 Sq. Mtrs. and seating capacity for about 200 readers. The facility is serving the student fraternity ranging from under graduate to masters and ultimately aiding the research activities in NNRG. The library houses 5200 titles, 27,320 Volumes of books. Library is automated with Integrated Library Management Software with the modules for Bibliographic Control, Circulation Management, Report Generation

Module, customization of Digital library with D Space software, Systematic Mapping of Internet Learning E-resources (SMILES), WebOnline Public Access Catalogue System (OPAC), Library automation: KOHA library management software. Federated searching tools to search articles in multiple databases; Institutional Repository: NPTEL, e-LSDM, etc., Digital library services unit has 32 advanced computers with a high-speed internet connection. Students can access digital content in the computing facility available in the library. E-Resources Packages such as online IEEE Journals are subscribed. The Library is a member through subscription for developing library net works (DELNET) for browsing e journals and books.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://nnrg.edu.in/digital-library.php

4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

10.36

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

283

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

NNRG has a realistic approach to make and improve IT facilities to advance vertical and flat portability for advancement in showing learning techniques and furthermore in Research. NNRG has State-of-the-Art labs with sophisticated servers, providing highly interactive learning environment with full-fledged hardware and software training facilities. All Labs and Central Computing facilities are associated with LAN and Internet is given to all Computer centers. Single system over the grounds and access to web/intranet assets under uniform system approach are additionally made accessible. 500 mbps Internet Bandwidth from various ISP's masterminded to keep up excess and bother free web availability. Campus is Wi-Fi empowered with high throughput indoor and outdoor Wi-Fi access points. Computers are gradually increased with high configurations year after year. Obsolete configurations of systems were replaced with latest configurations as per university syllabus. Systems are upgraded to i5 & i7 processor during the academic year 2022-23.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://nnrg.edu.in/PDF/NNRG-IT-Policy.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3108	650

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

758.06

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The Institution has appointed staff for maintaining facilities. 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.

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.

Maintenance of computers is taken care by the System Administrators. Installation of antivirus and firewall ensure that the software and system are secured.

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.

Indoor and outdoor sports infrastructure facilities are properly maintained by the Physical Directors throughout the year.

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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1647

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

561

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://nnrg.edu.in/PDF/agar/2022-23/Cr-5/5.1.3.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

315

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

315

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

22

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

83

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

4

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The NNRG Student Council representatives shall actively involve 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. 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. 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

14

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of NNRG 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 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 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs
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File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Governance of the Institution is strictly in accordance with the Vision and Mission of the Institution. The major decisions which have a bearing on the functions and the goals of the institute are done by the Governing Body. The Institute has the following perspectives to ensure effective planning in tune with the Vision and Mission of the Institution. The management and director actively participate in Governing body for ensuring that the policies and action plans are aligned for attaining the mission of the institute disseminate the vision and mission to all stakeholders and involve them in forming the policy statements. Faculty members are involved in decision-making and perspective planning in various bodies such as the Academic Council, Board of Studies. These bodies meet as per the norms prescribed and take suitable decisions and ensure the implementation of the decisions. The action items from the decisions of these bodies ensure the communication and implementation of various plans toward the realization of the vision through the mission

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://nnrg.edu.in/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

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 a decentralized governance system with well-defined inter-relationships. Institution delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty that are constituted to manage different institutional activities. Committees are formed for the various curricular, co-curricular, 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 the 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 HOD 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, MoUs and work to achieve its goals, vision and mission.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institute has specific strategic plans which include

- Strengthening the campus facilities, Improving the teaching learning process,
- Enhance the output in research and consultancy.
- Enhance the industry institute collaborations.
- Standardizing the ICT based teaching-learning processes.
- Strengthen Industry-Institute interaction
- R&D sponsored projects from funding agencies.
- Offering value added certificate programs.
- Organizing National/International Conferences

Perspective Plan for development:

- The Institution certainly has plans for its all round development and accordingly several perspective plans are designed viz. Improvement, up-gradation and refinement of the existing set up which is an unending process and the Institution will never lag behind this progression.
- The Institution has spacious campus which offers great potential for the development of further infrastructure. The institution is planning to build a hostel building on the campus shortly for boys. Many such ambitious projects can be taken up for implementation in the days to come.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

NNRG has well established organizational structure to execute the smooth functioning of administrative and academic processes. Various bodies are formulated which constitute the organization chart. The Governing Body of the college works in close cooperation with the Director to regulate and maintain a congenial and academic environment required for this purpose.

ADMINISTRATIVE SETUP & DUTIES AND RESPONSIBILITIES:

DIRECTOR

The Director is Responsible for overall administration and academic function of the institution in delivering the policies of the Management; as well as mandatory regulations and stipulations of the related statutory authorities

DEANS

Assists the Director in all academic and administrative activities.

HODs

- Responsible for effective and systematic working of the Departments
- Encouraging and employing innovating teaching aids and methods
- Conducting internal evaluation of students as per stipulations
- Maintaining the laboratories, curriculum and syllabus as per the needs of changing priorities and recommending for improvements for keeping side by side of the latest trends in knowledge and technology etc.,

Service Rules & Procedures:

Service rules leave rules, policies and procedures for the Institution are documented in the form of an Administrative Manual. The Manual is circulated to the academic and administrative heads to ensure that the staff members are aware of the rules.

File Description	Documents
Paste link to Organogram on the institution webpage	https://nnrg.edu.in/
Upload any additional information	No File Uploaded
Paste link for additional Information	https://nnrg.edu.in/PDF/Service%20Rules&CodeofConduct.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has the following welfare measures for teaching and non teaching staff:

- Employees' Provident Fund is deposited along with the same contribution from Institution's side.
- Employees State Insurance (ESI) Medical Facility for all the eligible non-teaching staff.
- Free medical facility for common ailments.
- Transport facility from all the corners of the City for teaching and non-teaching staff on concessional fare.
- Tuition fee waiver for the children of non-teaching staff studying in NNRG Institution.
- Group Life Insurance.
- Salary advances/festival advances for the needy staff.
- Loans for purchase of Laptops.
- Personal Loans are being arranged with Institution's guarantee.
- Uniform is being provided for Lab instructors, drivers, Lady Sweepers, attenders, and securities. Accident Insurance Policy for Drivers.
- Maternity leave: 6 Months maternity leave is provided to women employee after completing the probation period.
- Availability of Doctor: This facility is available for all staff and students. Doctor is available as and when required.
- Free yoga training to all the teaching and non-teaching staff Financial help for marriage of staff .
- Duty Leave for faculty attending academic events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

47

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

116

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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.

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. The report of external Auditor along with Audited Balance Sheet and Income & Expenditure statements are placed in the Link provided

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Strategies for Mobilization of Funds:

Term Loans and Hire Purchase Loans from Public sector Bank at a minimum rate of interest are availed by the Institution and this amount is utilized for the development of various non-recurring infrastructural facilities. The Institution is functioning under Nalla Narasimha Reddy Education Trust and the corpus funds of the Trust is also allocated to the Institution when need arises. The Institution utilizes optimally all the recurring expenses. Students' fee collection and the interest earned from the deposits are utilized for the development of the Institution.

Optimal Utilization of Resources:

College has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose. The Institution shall make the necessary allotment in the books of account towards efficient use of available fund for each academic year under various heads. As per the guidelines of the Management and the Director, a variation report is prepared regularly stating the differences, if any, in the sanctioned budget and actual expenditure met by the Institution. The Institution has a precise procedure to monitor effective and optimal utilization of available financial resources for infrastructure development and academic processes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC of the Institution is committed to enhance the quality in academic and administrative domains and meet the standards of institution. IQAC strategies are institutionalized for quality achievement, substances, and enhancement and so as to keep in pace with the expectations of stakeholders like students, industry and society. IQAC has mechanisms for ensuring implementation of all the policies, review and evaluation.

These initiatives are:

- Curriculum Enrichment and implementation
- Research practice and Enhancement of quality publications
- Quality of Teaching, learning and evaluation Best practices
- Organizing workshops and seminars related to quality enhancement Accreditation and ranking
- Academic audits
- Awards and recognition to faculty Consultancy, collaborations and linkages Feedback analysis and action taken
- Initiative towards patents filing and incubation centre Internal promotion guidance

In addition to the above, the IQAC has also established Mentoring and Professional Counseling for both UG and PG Students. In order to ensure for industry interaction, the institute has MoU's with industries and students are given exposure to industry practices through industry oriented mini projects, internships and guest lectures by industry people. These practices are intended at providing enhanced employability opportunities, hassle-free transition from institution to industry and improved ability to cope with stressful situations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

Institute has well planned teaching-learning process and has robust methodology for rolling out the process. At the same time, there is a well-planned structure, as per the Guidelines of IQAC, to review the Teaching Learning Process. Introduce innovation in Teaching, Learning, and Evaluation practices. Recommend additional infrastructural facilities required to strengthen the Departments in view of the changing needs of curriculum or introduction of new disciplines. Evolve processes for conducting Academic Audit both at the Institute level and at the Department level. The institute prompts the departments to implement the recommendations of the Audit Committee. The IQAC also supports in fastening the academic review activities such as: The IQAC reviews the assessment of teaching learning outcomes through Course end survey which is collected after a semester course for every subject Course outcome analysis for each course after completion of the semester which incorporates the input collected from course end survey also. Analyze the Results in every semester. The Learning outcomes of program (POs) are assessed through curricular and co-curricular activities. All the suggested value Added courses to enrich the curriculum by the department advisory committees and departments are put forth to the Governing Body through director for approval.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

- A Committee formed towards ensuring sensitisation and awareness amongst all members of the NNRG community regarding gender inequality and sexual harassment. Inclusive representation of women in all important Committees. The Steering Committees, Facilitation Committees and other core Committees of the institute include women in decision making positions who leads various activities of the institute.
- An initiative of NNRG, provides counseling services, to individuals in emotional and psychological distress, across age, language, gender, sexual orientation and issues, through a team of qualified and trained mental health professionals.
- An Activity based course offered for all programmes at second year level to develop student s' sensibility with regard to issues of gender in contemporary nation and provide critical on specialization of men and women.
- CC cameras are installed for safety and security of everyone in and around the campus.
- Gender week is organized every year

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nnrg.edu.in/women-cell.php

7.1.2 - The Institution has facilities for

A. Any 4 or All of the above

alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management:

- Separate Dustbins for recyclable and non-recyclable wastes are available in common places.
- Institution is planning to implement Paperless communication (e-mail / Whats App communication) in due course.
- Usage of one-sided paper is encouraged.
- Metal and other scraps are given to agents for further processing.
- Cattle Farm of nearby fields caters manure for our garden;
- Sanitary napkin incinerator machine is available in the ladies restroom.

Liquid Waste Management:

- Wastage of drinking water is limited through proper monitoring.
- Waste water is properly drained out to maintain the greenery in the campus.
- Wastewater from the RO plant is also used for watering the plants.

E-Waste Management:

- The computer accessories are disposed through outside agencies. Awareness programs are initiated on waste management.
- Used batteries and electronics wastes are disposed of through outside agencies

The Institution has entered into a MoU with Recykle Pvt.Ltd., Hyderabad who periodically collects the e- waste and solid

wasteaccessories from the Institution for processing of recycling. The Agency after the recycling process of solid and e-waste material, informed the Institution through a Certificate stating that how much environment was sustained in the Institution by disposing the obsolete items like worn out computers and other scrap material.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways
- 4.Ban on use of plastic
- 5.Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	A. Any 4 or all of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,	A. Any 4 or all of the above
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reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institution has demographic diversity as the students hail from different socio-economic backgrounds and come from diverse regions. There is a merit-based selection of students from all communities with different socio-economic backgrounds.

- Seats are reserved following the reservation rules.
- Free ship is given to eligible students in need.
- Cultural programmes on the Annual Day Celebration and College Foundation Day are organized as joint effort that lays much emphasis on social harmony and awareness of the rich heritage of our country while at the same time inculcates collaborative work environment and hone organizational and leadership skills.
- Celebration in the form of either competitions (drama, extempore, creative writing, poster making) or students' presentation along with multilingual cultural programs on the occasion of various days like International Women's Day, World Literacy Day, cultural day ,Bathukamma celebrations.
- Students are encouraged to join the different Social outreach Units of the institute to actively work with people from diverse socio-cultural backgrounds with an aim of improving society and make a better tomorrow.

Celebration of Republic day & Independence Day through musical presentations has been an institutional practice.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institution undertakes various efforts to sensitize the students and employees of the Institution of their constitutional obligation. During the commencement of every session, the Director of the institution delivers an Orientation talk to the new students to make them aware of the core values and ethos of the Institution.

In the various programmes organized by the Institution like Independence Day and Republic Day, the students and employees of the Institution are addressed by the chairmen of the institution with the message from the Constitution of India. The significance of the Day is illustrated to all with the words from the Preamble, Fundamental Rights and Duties enshrined in the Constitution of the country.

The NSS unit of the institute undertakes various kind of activities and impart the students the significance of giving back to the society by believing in the principle of equality, fraternity and societal justice.

The students are also encouraged to participate in the Youth Parliament Programmes which are organized by institution and Other Agencies. The participation makes the students aware of the roles and activities of the Parliament and Legislative Assemblies of the State.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers,

A. All of the above

administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The NNRG organizes every year various National Festivals and birth anniversaries of the great Indian personalities; few of such celebrations are mentioned below:

Republic Day and Independence Day:

Every year institute celebrate Republic Day and Independence Day with a great manifestation where all staff and students gather at one campus along with the Institution Officials and Management personnel. The program starts with Flag Hosting by the Chairman/Director of the Institution followed by National Anthem. March Past, Patriotic songs, and various activities s and skills are presented to the gathering by the students.

Mahatma Gandhi birth anniversary:

Mahatma Gandhi is referred to as Father of the Nation r who devoted his whole life preaching Truth and following Ahimsa.

Dr.Babasaheb Ambedkar's birthday is celebrated in the campus on

14 April to commemorate the memory of Dr. B. R. Ambedkar, the drafter of the Indian constitution,

Teachers Day: Since 1962 the 5th September day commemorates the birthday of Dr Sarvepalli Radhakrishnan, a great teacher and a staunch believer of education, known for his contribution towards the education system in India.

Engineers Day:

The Institution organizes Engineers Day on that day and students and faculty participate in the program with great enthusiasm.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

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.

File Description	Documents
Best practices in the Institutional website	https://nnrg.edu.in/PDF/igac/best_practices.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 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 intertechnological 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.

File Description	Documents
Appropriate link in the institutional website	https://nnrg.edu.in
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To strengthen its research facilities and promote a healthy research atmosphere
- To enhance the use of Technology in Teaching- Learning and Assessement
- To Enhance Internships /apprenticeships