YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution   NARSIMHA REDDY ENGINEERING COLLEGE

- Name of the Head of the institution   Dr.R.Lokanadham

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone No. of the Principal   9949092454

- Alternate phone No.   9000995454

- Mobile No. (Principal)   9949092454

- Registered e-mail ID (Principal)   principal@nrcmec.org

- Address   NARSIMHA REDDY ENGINEERING COLLEGE Maisammaguda(V),Dhulapally(P),Near Kompally,Medchal(M)

- City/Town   Secunderabad

- State/UT   Telangana

- Pin Code   500100

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy)   17/02/2021

- Type of Institution   Co-education

- Location   **Rural**

- Financial Status   **UGC 2f and 12(B)**

- Name of the IQAC Co-ordinator/Director   **Dr.K.Eswaramoorthy**

- Phone No.   **9790384846**

- Mobile No: **9790384846**

- IQAC e-mail ID   **dean-iqac@nrcmec.org**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.nrcmec.org/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://www.nrcmec.org/academic-calender

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.04**	**2015**	**01/05/2015**	**31/12/2025**

6.Date of Establishment of IQAC   **17/08/2015**

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
Institution	**MSME Idea Hackathon 2.0**	**MSME**	**Nil**	**3000000**
Instituion	**Seminar**	**DST-SERB**	**Nil**	**150000**
Insitution	**Seminar**	**CSIR-HRDG**	**Nil**	**50000**

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 uploaded on the institutional website?   **Yes**

- 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**

- If yes, mention the amount

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

1. Strategic Planning and Implementation 2. Enhancement of Academic Quality 3. Student Satisfaction and Feedback Mechanism 4. NBA and NAAC Accreditation Preparedness 5. Promotion of Research and Innovation

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
Enhancing Academic Excellence	o Provide lecture notes, model question papers, and alternative assessment tools. o Use technology-driven platforms like Learning Management Systems (LMS) for resource access. o Improved academic performance with streamlined access to academic resources through the NRCM Learning Management Portal.
Improving Student Placements	o Organize placement drives and activities such as mock interviews, group discussions, resume workshops, and aptitude training. o Foster partnerships with industries for better placement opportunities. o Record placements achieved, with students receiving high packages of TOTAL OFFERS - 539 Average CTC:4.36 LPA.
Research and Innovation Promotion	o Conduct Faculty Development Programs (FDPs) on research methodologies. o Encourage research-based projects and provide funding support. o Focus on patent publications and journal articles. o Published Scopus/WoS-indexed articles. o published patents. o Received Rs 32 lakhs in funded research from agencies like DST, CSIR, SERB and MSME.
Strengthening Industry-Academia Collaboration	o Establish MoUs with reputed organizations for training, internships, and collaborative activities. o Conduct industrial visits and internships for students. o All second and third-year students participated in industrial visits. Third years are taken the industrial

	intership.
. Enhancing Infrastructure and Resources	o Upgrade infrastructure with new seminar halls, labs, and facilities. o Establish an IT Park for career development. o Construction initiated for 2 seminar halls, 3 new computer labs, and a 50,000 sq. ft. IT Park for career development.
Promoting Entrepreneurial Skills	o Facilitate start-up incubation and entrepreneurial activities through the MSME-supported incubation center. Organize entrepreneurship workshops and competitions. 2 ideas under the MSME Hackathon Host Institute scheme.
Holistic Student Development	o Organize extracurricular and co-curricular activities such as hackathons, sports fests, and cultural events. o Introduce interdisciplinary projects for team-based learning. o Conducted the national-level sports fest UTKRISHT-2024 and hackathon. o Organized events like Independence Day, Sankranthi Sambaralu, Yoga Day, and more.
Faculty Empowerment and Recognition	o Introduce faculty awards to recognize contributions. o Organize FDPs and workshops on emerging areas like Machine learning , Artificial Intelligence, Block Chain,. o Successfully conducted CSIR FDP on Societal Applications of ML in Mechanical Learning, Societal Applications of Block chain and Cyber physical Systems. o Recognized faculty contributions with awards across various categories.

Enhancing Institutional Reputation	o Participate in accreditation processes and ranking frameworks. o Increase outreach activities and visibility through online platforms. o Achieved NBA accreditation for UG programs in Mechanical Engineering and Computer Science. o Ranked as one of India's Best Engineering Institutions 2024 by CAREERS 360 and Times of India. o Recognized as a "Green Institutional Mentor" by the Ministry of HRD, Govt. of India.
Improving Student Engagement and Graduation Rates	o Provide student mentorship programs and academic support to improve graduation rates. o Organize regular orientation programs and interactive sessions. Achieved an 89% graduation rate

13.Was the AQAR placed before the statutory body?   Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	19/07/2024

14.Was the institutional data submitted to AISHE ?   Yes

- Year

Part A	
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Name of the statutory body	Date of meeting(s)
Governing Body	19/07/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022-2023	15/03/2024

15.Multidisciplinary / interdisciplinary

Narsimha Reddy Engineering College (NRCM) is dedicated to nurturing well-rounded individuals by focusing on the development of 21st-century competencies and a comprehensive educational experience. Key initiatives and commitments of the institution include: 1. Holistic Development: The college emphasizes the intellectual, aesthetic, social, physical, emotional, and ethical growth of students. Initiatives are designed to prepare students not only for academic success but also for life-long personal and professional development. 2. Knowledge Expansion Through Collaboration: Seminars and Conferences: Organized to engage both science and humanities faculties, fostering an interdisciplinary exchange of ideas and broadening students' perspectives. These activities encourage a blend of technical expertise and cultural awareness. 3. Observance of Significant Occasions: Events such as International Yoga Day, Women's Day, Environment Day, and various Awareness Programs are celebrated. These activities promote unity and collaboration among students from diverse academic backgrounds. 4. Environmental Education: Environmental Studies: Incorporated into the curriculum in line with university guidelines, emphasizing sustainability and ecological awareness. Courses and projects focus on community service and environmental stewardship, instilling a sense of responsibility in students. 5. Innovative Curriculum Design: A curriculum that is adaptive and innovative, featuring: Credit-based Courses: Allowing students to personalize their learning journey. Community Projects: Encouraging real-world application of knowledge. Interdisciplinary Opportunities: Offering a blend of technical and non-technical subjects to enrich the learning experience. By integrating these elements, NREC creates an educational environment that prioritizes both academic excellence and the personal growth of its students, preparing them to be responsible, skilled, and empathetic global citizens.

16.Academic bank of credits (ABC):

The Academic Bank of Credit (ABC), has been designed to facilitate the academic mobility of the students with the free to study across higher education institutions in the country with an appropriate credit tThe institution NRCM as already registered under ABC to facilitate easy credit transfer via digital mode for the students of NRCM beginning with the academic year 2023-2024. https://www.abc.gov.in/statistics_state.php?id=aW8=

17.Skill development:

Narsimha Reddy Engineering College (NRCM) emphasizes equipping students with advanced skills to enhance their employability, foster entrepreneurship, and promote holistic growth. Below are the key initiatives undertaken by the institution to achieve these goals: 1. Value-Added Courses: Specialized courses are offered across various streams to enrich students' technical and professional skills. These courses are designed to bridge the gap between academic knowledge and industry demands. 2. Strategic Partnerships: Memorandums of Understanding (MoUs): Signed with multiple companies to facilitate training programs and collaborative projects, providing students with hands-on industry exposure. T-HUB Collaboration: Aimed at fostering entrepreneurship skills and innovative thinking among students. Business Incubation Centre (MSME): NRCM has been recognized as a Business Incubation Centre by MSME, supporting start-ups and entrepreneurial ventures. 3. Skill Development Through TASK: Students are encouraged to participate in skill enhancement programs conducted by JNTUH through Telangana Academy for Skill and Knowledge (TASK), ensuring exposure to advanced technologies and methodologies. 4. Careers Development Centre (CDC): Established to equip students with essential skills, including: Life Skills: Communication, teamwork, and adaptability. Problem-Solving Skills: Logical and analytical thinking. Critical Thinking: Encouraging innovative solutions to real-world problems. Scientific Vigor: Promoting inquiry-based learning and research aptitude. Programs for Employability: CDC conducts activities that integrate industry and academic expertise to make students industry-ready. 5. Focus on Entrepreneurship: Through collaboration with MSME and T-HUB, NRCM nurtures entrepreneurial skills and fosters a culture of innovation and self-reliance.

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

The Indian education system aspires to cultivate a sense of pride in being Indian while fostering values that contribute to global well-being. Narsimha Reddy Engineering College aligns with this goal by promoting multidisciplinary education rooted in Indian culture and philosophy. Key initiatives include: 1. Mandatory Courses: Introduction of essential courses at both undergraduate and postgraduate levels to instill values and cultural awareness: Indian Traditional Knowledge Constitution of India Human Values and Professional Ethics 2. Promotion of Indian Culture and Arts: Activities in Indian dance, music, fine arts, and performing arts are conducted through student clubs to immerse learners in Indian traditions and heritage. These activities encourage creativity

and cultural appreciation among students. 3. Online Courses: Students and faculty members are encouraged to complete online courses on topics like: Yoga Life Skills Indian Culture 4. Encouragement of Participation: Students are motivated to engage in cultural and scientific programs, contributing to their holistic development beyond technical knowledge. 5. Celebration of Commemorative Events: NRCM observes national and international commemorative days, events, and festivals to: Promote unity, integrity, and harmony within the campus. Foster effective socialization and relationships among students and staff. 6. Goal Beyond Engineering: While focusing on technical excellence, the institution emphasizes producing responsible citizens who are culturally aware, ethically grounded, and globally competent. By integrating Indian traditions, global values, and a multidisciplinary approach, NRCM not only creates skilled professionals but also nurtures individuals committed to sustainable development, human rights, and cultural harmony.

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

Outcome-Based Education (OBE) is at the core of NRCM's academic philosophy, designed to ensure students achieve measurable learning outcomes aligned with industry expectations and global standards. The institution emphasizes the following key aspects of OBE: Learning Objectives: Each program is structured with well-defined Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs). Learning outcomes are articulated to focus on knowledge, skills, employability, entrepreneurship and application. Skill-Oriented Curriculum: Each course syllabus is divided into five units, with each unit designed to impart a specific skill. COs are tailored to measurable outcomes that reflect the skills acquired by students. Comprehensive Assessment: Direct Assessment: Through formative (continuous evaluation) and summative (final exams) methods. Indirect Assessment: Feedback collected via course-end surveys. Attainment of COs is mapped to POs to evaluate program-level outcomes. Holistic Learning Experience: Inclusion of industrial Internship and open electives. Credit-based opportunities like industry courses, NCC training, and multidisciplinary courses. Industry and Real-World Alignment: Collaboration with industries to align curriculum with professional requirements. Practical exposure through internships, expert lectures, seminars, and project-based learning. Multidisciplinary Approach: Flexible curriculum enabling students to explore courses across domains, fostering a broad knowledge base. Continuous Improvement: Regular updates to the curriculum and incorporation of innovative

practices to enhance the OBE framework. By prioritizing these elements, NRCM ensures that its graduates are equipped with the knowledge, skills, and competencies necessary to succeed in their chosen fields.

20.Distance education/online education:

The institute aims to create a supportive learning environment by offering high-quality academic and career guidance. Sessions on topics such as career opportunities, GATE preparation, and studying abroad are regularly organized. Class counselors and faculty advisors are available to help students plan their careers and achieve success. The Entrepreneurship Development Cell (EDC) trains students in various aspects of starting and managing businesses through student development programs. It encourages participation in events like hackathons, MSME challenges, and innovation competitions. Students are motivated to engage with the outside world by taking part in technical and non-technical events, such as conferences, hackathons, and project competitions. This helps them grow personally, contribute to society, and achieve their goals, aligning with the National Education Policy (NEP). The Choice-Based Credit System (CBCS) curriculum and engineering program syllabi are designed following the AICTE model curriculum under Regulation 2019. In line with NEP, students are encouraged to select open and professional elective courses based on their interests. Various clubs actively conduct events to engage students within and beyond the institution. Additionally, plans are being made to include NSS (National Service Scheme) and NCC (National Cadet Corps) activities in future regulations to encourage more students to participate in these initiatives.

Extended Profile

1.Programme

1.1   9

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   3337

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **730**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **3280**

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   **583**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **188**

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	**9**
File Description	Documents
Institutional Data in Prescribed Format	[View File](#)
2.Student	
2.1 Total number of students during the year:	**3337**
File Description	Documents
Institutional data in Prescribed format	[View File](#)
2.2 Number of outgoing / final year students during the year:	**730**
File Description	Documents
Institutional Data in Prescribed Format	[View File](#)
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**3280**
File Description	Documents
Institutional Data in Prescribed Format	[View File](#)
3.Academic	
3.1 Number of courses in all programmes during the year:	**583**
File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	188

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	188

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	399
4.2 Total number of Classrooms and Seminar halls	65
4.3 Total number of computers on campus for academic purposes	910
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1021

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 primary objective of the institute is to create techno-managerial cadres who can engage effectively the emerging globalism and contribute to national development. The institute carefully designs syllabi and curriculum keeping in mind the needs of the Global, National, Regionaland the Local. The institute has meticulously drawn the CO's, PO's, PSO's and designated PEO's.

Curricula of all the programs developed and adopted at NRCM covers multiple facets of providing engineering knowledge, desirable attributes, professional ethics and relevant technical and non-technical skills. The course outcomes are designed in line with the revised Bloom's Taxonomy. The courses are developed to meet the stated POs, PSOs and PEOs of the program.

Courses such as Environmental Studies, Disaster Management, Ground Water Management, Professional Ethics and Human Values promote national integration and address issues of concern at the national level.

Students are encouraged to take the project work relevant to industry problems relevant to industry or society to understand the local needs.

Curriculum of various programs offered at institution has been designed and developed through its BOS to produce the competent graduates with technical, managerial and leadership qualities to study, understand, analyse and to provide the solutions for the industry and society at regional, national and global level.

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

9

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 – Number of courses focusing on employability/entrepreneurship/ skill development

offered by the Institution during the year

397

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	[View File](#)
Any additional information	[View File](#)

1.2 – Academic Flexibility

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

108

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	[View File](#)
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

9

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 of all the programs offered at Narsimha Reddy Engineering College integrates the cross-cutting issues related to Professional Ethics, Gender Sensitization, Environment Science, and sustainability.

Gender Sensitization course offered in the curriculum enables the students to address the issues related to women empowerment and basic dimensions of the biological, sociological, psychological and legal aspects of gender. Students will develop a sense of appreciation of women in walks of life. This course enables the students to understand the new laws that provide protection and relief to women.

Constitutions of India included in the curriculum which helps the students to develop a strong sense of responsibility and integrity in their professional and social lives. This course imparts students on knowledge of Indian culture and constitutions.

Environmental Science course offered in the curriculum describes the importance of ecological balance for sustainable development and need for the conservation of natural resources like air, water, forests, and food. The impact of environmental and climate changes on human health is significant and is an essential consideration for engineering students.

In addition to the above cross cutting courses in the curriculum, institute conducts seminars, workshops, awareness programs on above issues to the students by experts in the above fields.

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	**No File Uploaded**

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

30

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

3989

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

1464

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

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://nrcmec.org/feedback-on-curriculum
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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://nrcmec.org/feedback-on-curriculum
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

1144

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)

810

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.

NRCM is committed to providing quality education through a structured curriculum that fosters a strong foundation for students' overall growth, focusing on both physical and intellectual development. To address the diverse learning needs of students, the institution has implemented well-planned, multilevel strategies that are applied consistently.

Students are classified into two categories: slow learners and advanced learners, based on their performance in intermediate exams and common entrance tests such as EAMCET and JEE.

Learning abilities are further assessed in subsequent semesters through various methods, including:

- Midterm exams
- Classroom interactions
- Assignments
- Mentor interactions

This comprehensive approach ensures personalized support and guidance for every student.

Initiatives for Assisting the Slow learners:

- Personalized academic support through remedial and reinforcement classes.
- Group activities and topic revisions enhance understanding.
- Mentors monitor performance and address student challenges.
- Regular communication with parents ensures transparency.
- Students receive question banks, course materials, and exam training for better outcomes.

Initiatives for encouraging Advanced Learners:

- Advanced tutorial classes for problem-solving and skill enhancement.
- Encouragement to participate in paper presentations and hackathons.
- Internship opportunities for advanced learners during semester breaks.
- Support for research and publication in national/international conferences or journals.
- Promotion of online certification courses like

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
05/02/2024	3337	188

File Description	Documents
Upload any additional information	View File

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:

At Narsimha Reddy Engineering College, a student-centric approach drives the teaching-learning process. Innovative methods are regularly adopted to enhance student competencies and ensure effective learning outcomes.

Teaching Aids and Methods: The college integrates advanced teaching tools, online learning platforms, invited lectures, industry-offered courses, and integrated programs to keep education aligned with industry needs.

Experiential Learning: To provide hands-on experience, the college employs methods such as student seminars, role-playing, project exhibitions, business bazaars for management students, and short-term in-plant training or internships with industries.

Participative Learning: Active student engagement is encouraged through assignments, quizzes, guest lectures, workshops, group discussions, field visits, industrial visits, and specialized lab sessions. These activities help students develop both academic and extracurricular skills.

Problem-Solving Skills Development: Problem-solving is embedded in the curriculum to prepare students for real-world challenges. Students are trained to critically analyze problems and design solutions through participation in special projects, national/international competitions, and design contests.

This comprehensive, student-focused approach ensures that graduates from Narasimha Reddy Engineering College are well-equipped with the skills and knowledge needed for both academic and professional success.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://www.youtube.com/watch?v=pEbwia5xx3Q&list=PL30DD3LTwBaQdrdCjiKzkiSI195akF2ru

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

At Narsimha Reddy Engineering College, various student-centric methods are employed to ensure the effective implementation of the teaching-learning process. Faculty lectures are supported by advanced teaching aids and innovative methods, which are regularly updated to enhance student competencies.

The college emphasizes the use of ICT tools for both students and faculty. Since adopting digital platforms for teaching, Narsimha Reddy Engineering College has been equipped with modern educational technologies. Regular training sessions are conducted to update faculty on ICT skills, enabling them to effectively use the latest tools and enhance their teaching abilities.

The college uses a Learning Management System (LMS) to facilitate content management and assessments. Lecture sessions are recorded and made available online, allowing students to

revisit missed classes or enhance their understanding at their convenience.

Course plans, assignments, quizzes, and course materials such as PPTs, videos, and documents are published on the LMS for easy access by all students. This ensures a comprehensive and flexible learning environment, supporting academic success and skill development for every student.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://nrcmec.org/NAAC/C1/232.php
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

175

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	View File

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

Academic Schedule

At Narsimha Reddy Engineering College, the academic schedule for each semester is meticulously planned by the Chairman of the Academic Council in consultation with the all HoDs, Dean of Academics and the Controller of Examinations inline with AICTE/Parent Univesity and adhere same. The schedule is approved by the Acadmic Council and circulated among all faculty and students by Prinicpal. It includes pre-planned dates for the commencement of classes, Continuous Internal Examinations (CIEs), the last working day, practical exams, semester-end examinations, and a tentative reopening date for the next semester.

```
Teaching Plan

Faculty members maintain a comprehensive Faculty Cocurse
Filecontaining details such as the course syllabus, Lession
Plan, course delivery plan, course outcomes with mapping to
program outcomes, topics beyond the syllabus, planned learning
resources, and minutes from course coordinator meetings. This
record is reviewed and approved by the Head of the Department
(HoD).

A semester-specific course delivery plan is prepared and
submitted to the HoD/Principalfor approval and is also uploaded
to the Learning Management System (LMS) for student access. The
holiday list is compiled and submitted to the Principal for
approval, after which it is published on the college website.
This structured approach ensures clarity, organization, and
effective communication of the academic plan to all
stakeholders.
```

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

188

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

41

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)

1148

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

14

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	No File Uploaded

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

13

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
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

Reforms in the Examination Procedures

The examination committee is constituted with Principal, CoE, all HoDs and Dean Academics after thorough discussion and approval from Academic Council, examination reforms are implemented in R20, R21 and R23 regulations during the AY 2023-24.

IT Integration

Narsimha Reddy Engineering College has moved towards an automated age of cloud and mobile analytics. Organizing things through cloud management system reduces the pressure and would be applicable for automate billing/fee collection, while saving 90% of manual work.

Let's look into some of the key benefits of implementing an automated fee management system:

Student Management

- **Manage multiple academic batches & divisions**
- **Roll Number generation as per rules**
- **Manage Students' personal & academic profiles**

Academic Modules

- **Subject & Syllabus management**
- **Publishing Timetables for Students & Faculty**
- **Management of Daily & Monthly attendance**
- **Lesson Plan module**
- **Online Quiz module**
- **Assignment, Notes & Work sheet module**

Examination Module

- **Publishing of Exam Timetables**
- **Seat Number & Hall Ticket generation**
- **Managing Answer Sheet checks & exam marks entry**
- **OMR Reorganization**

- **Publish results and Generate report cards**

Communication Module

- **SMS Notification**
- **Bulk SMS Facility**

Transparency

Overall, keeps the students and parents informed on fee payments with real-time notifications, messages and reminders via emails, SMS alerts and push notifications from mobile devices. Improves the cash management and allows transparency on the payments made and serving to track suspicious and fraudulent transactions.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.nrcmec.org/academic-r-r

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

The institution ensures comprehensive implementation of Outcome-Based Education (OBE) principles, aligning Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) with graduate attributes, program-specific needs, and higher-order thinking skills.

Key Practices

1. **Formulation of Outcomes:**

   ○ **COs align with graduate attributes.**

- PSOs address specific program requirements, formulated by senior faculty and approved by the Board of Studies (BoS), which includes industry and academic experts.
- COs are designed during syllabus planning to cover the curriculum and promote higher-order thinking.

2. Documentation and Communication:

- POs and PSOs are published on the website, LMS, syllabus books, and displayed prominently.
- Outcomes are shared during student induction and detailed in course plans.

3. Faculty Development:

- Faculty undergo induction programs and biannual OBE exams.
- Regular refresher sessions are conducted by experts.

4. Stakeholder Engagement:

- Open forums with faculty, employers, alumni, and parents refine outcomes.
- Awareness drives emphasize the importance of POs and PSOs to students.

5. System Integration:

- Courses are mapped to POs and PSOs, integrated into teaching, learning, and evaluation.
- Outcomes align with Bloom's Taxonomy for structured, measurable goals.

This robust OBE framework ensures programs meet academic and industry standards.

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	**Nil**

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

The institution's evaluation process ensures the achievement of educational goals by systematically assessing student performance and program effectiveness through direct and indirect methods, providing a holistic assessment of learning outcomes.

Direct Assessment (80%)

Direct tools include:

- **Internal/midterm exams, semester-end exams, lab evaluations, tutorials, assignments, mini projects, final-year projects, and seminars.**
- **Course Outcome (CO) attainment is calculated from student performance and mapped to Program Outcomes (POs) and Program Specific Outcomes (PSOs) using a CO-PO matrix with a relevance scale (1 to 3).**

Indirect Assessment (20%)

Indirect tools include:

- **Graduate Exit Surveys (10%) and Employer Surveys (10%), with scores calculated using a weighted formula based on feedback.**

PO/PSO Attainment Process

1. **Direct Assessment: CO attainment is derived from internal and external performance data.**
2. **Indirect Assessment: Surveys provide feedback for calculating weighted averages.**
3. **Final Assessment: Combined PO/PSO attainment = 0.8 ***

```
        Direct Assessment + 0.2 * Indirect Assessment.

Target Setting and Monitoring

The Program Assessment Committee (PAC) sets annual attainment
targets, reviewed by the Department Advisory Committee (DAC). If
targets are unmet, Faculty Course Assessment Reports (FCARs)
recommend improvements.

This process aligns with Outcome-Based Education (OBE)
principles, ensuring continuous improvement through feedback,
performance analysis, and incremental target adjustments,
enhancing educational quality effectively.
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

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

618

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	https://www.nrcmec.org/pdf/IQAC-cell/Annual%20Reports/Annual%20Report%202023-24.pdf

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://nrcmec.org/student_satisfaction_survey.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

Narsimha Reddy Engineering College is deeply committed to advancing research in science, engineering, and technology, exemplified by its state-of-the-art R&D centers. These centers focus on applied research, product development, and industrial training, successfully completing numerous projects funded by esteemed organizations such as ISRO, DRDO, DST, AICTE, UGC, and CPRI.

The college actively supports faculty and students through initiatives like the SEED money scheme, professional body memberships, and incentives for publishing in SCI and Scopus-indexed journals and conferences. Consultancy services are encouraged, with a revenue-sharing model benefiting both individuals and the institution, promoting meaningful industry engagement.The college has secured significant funding, including ?34 lakhs during AY 2023-24, from various funding agencies. This achievement reflects its dedication to fostering innovation and impactful research.

Ministry of Micro, Medium and Small Enterprise, Govt. of India has granted – NRCM College of Engineering and Technology as Hoslt Institute/ Business Incubator.Narsimha Reddy Engineering college (A) is collaborated with ISRO- START & OUT REACH program to benefit the students on space Technologies.

With a strong emphasis on industry-academia collaboration, knowledge dissemination, and academic excellence, Narsimha Reddy Engineering College continues to be a driving force in addressing real-world challenges and contributing to national and global technological progress.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://nrcmec.org/NAAC/C3/Promotion%20of%20Research%20and%20Facilities.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)

550000

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	View File
Any additional information	No File Uploaded

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

6

File Description	Documents
e-copies of the award letters of the teachers	View File
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)

34

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	View File
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nrcmec.org/NAAC/C3/3.2.1,%203.2.2,%203.2.4.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

5

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://nrcmec.org/NAAC/C3/3.2.1,%203.2.2,%203.2.4.pdf
Any additional information	View File

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.

Narsimha Reddy Engineering College has cultivated a robust ecosystem for innovation, entrepreneurship, and knowledge transfer, supported by dedicated initiatives and centers. The Entrepreneurship Development Cell (EDC) plays a pivotal role in fostering entrepreneurial skills among students and aspiring professionals. The college also houses an MSME Incubation Centre, offering end-to-end support for startups, from ideation to scaling, enabling innovative ideas to transform into viable businesses. The Institution Innovation Council (IIC), established under the aegis of MHRD, actively promotes a culture of innovation on campus. Through activities such as idea-pitching workshops, hackathons, and innovation challenges, the council inspires students to engage in creative problem-solving and prototype development.

These initiatives are complemented by the college's state-of-the-art R&D centers, which focus on applied research, product development, and industrial training. Together, these efforts

have enabled NRCM to successfully complete projects funded by organizations such as ISRO, NIOT, DRDO, DST, and AICTE.

Innovation Ecosystem Institution has created an ecosystem for innovation including incubation centre and other initiatives for creation and transfer of knowledge. NRCM developed so many different ecosystems to transfer the knowledge using various outreach programs in different dimensions. Eco system provides a good platform to the students to explore their talent apart from academics.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nrcmec.org/NAAC/C3/3.3.1.pdf

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

15

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	**No File Uploaded**

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

4

File Description	Documents
URL to the research page on HEI website	https://nrcmec.org/NAAC/C3/3.2.3%20&%203.4.3.pdf
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

15

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	**No File Uploaded**

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://nrcmec.org/NAAC/C3/34.4.View_File.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	[View File](#)
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

20

File Description	Documents
Bibiliometrics 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)

790000

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	[View File](#)
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

790000

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	[View File](#)
List of facilities and staff available for undertaking consultancy	[View File](#)
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

Extension Activities for Holistic Development

Our institution conducted various extension activities in the neighborhood, sensitizing students to social issues and promoting holistic development. Key activities included:

- Cleanliness Drive: Students participated in cleaning the nearby park, promoting environmental awareness. - Health Camp: A free health camp was organized in a nearby slum, providing medical check-ups and distributing medicines. - Education for

Underprivileged Children: Students tutored underprivileged children, providing educational support and resources. - Environmental Awareness: Students created posters, slogans, and skits to promote eco-friendly practices.

Impact

These activities had a profound impact on our students, fostering:

- Empathy and compassion towards the underprivileged - Social responsibility and civic engagement - Leadership skills and teamwork - Personal growth and development

The extension activities not only benefited the neighborhood community but also contributed to the holistic development of our students, preparing them to become responsible and socially conscious citizens.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://nrcmec.org/NAAC/C3/3.6.1.View_File.pdf

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

30

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)

17

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

1445

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

326

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

6

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	View File

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.

NRCM is located at Maisammaguda (V), Dhulapally (P), Medchal (M) encompassing a sprawling area of 10 acres with a built-up area of about 24483.85 sq. m utilized for academic activities such as classrooms, laboratories, a library, and a hostel. There are 49 classrooms, 14 tutorial rooms and 2 air-conditioned seminar halls with LCD projectors, computers with internet connectivity, and a public address system. A total of 58 laboratories are well-equipped and meticulously maintained. The computer laboratories are furnished with licensed software as well as open-source software. In total, 910 computers are allocated for teaching and learning purposes which includes two computer centers with 100 capacity desktops each in the institution. Exclusively used by the students, covering a 4:1 student-computer ratio for the academic year 2023-24 with 1 Gbps internet bandwidth that are functional. All these facilities have been planned and constructed in accordance with AICTE norms.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.nrcmec.org/NAAC/C4/NRCM%20ALL%20BLOCKS%20PHOTOS.pdf

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

Narsimha Reddy Engineering College provides a comprehensive environment to keep students both physically and mentally fit with various facilities. The outdoor sports facilities include a football court, basketball court, handball court, hockey field, volleyball court, badminton court, cricket field, cricket nets, athletic track etc. and indoor sports facilities include a table tennis, carrom and chess. In addition to academics, NRCM supports additional talents through Student Activity Center which is a platform where student get an opportunity to develop character, critical thinking, problem solving, team building and leadership skills. It is mainly under the control of students who are eager to manage, organize, learn and implement their

ideas.

File Description	Documents
Geotagged pictures	[View File]()
Upload any additional information	[View File]()
Paste link for additional information	https://www.nrcmec.org/NAAC/C4/4.1.2.ALL%20ACTIVITIES%20PROOF%20GEOTAG%20PHOTOS.pdf

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

63

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)

1021.1

File Description	Documents
Upload audited utilization statements	[View File]()
Details of Expenditure, excluding salary, during the years	[View File]()
Any additional information	[View File]()

4.2 - Library as a Learning Resource

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

The Library at Narasimha Reddy Engineering College started its functioning with a vision to serve the information needs of its users and to promote a continuous learning atmosphere with holding various Textbooks, Reference Books, eBooks, Journals,

Magazines, eJournals, Project Reports, Tutorials and NPTEL Video Lessons related to engineering and allied subjects. The library has an excellent collection of books, journals and non-book material for departments like science, engineering, technology, humanities, social sciences and management. The Library, the college's prime knowledge source, has an impressive collection of 31990+ book volumes, 3700+ book titles and 60+ plus National & International print Journals, Magazines and Newspapers to cater to the Engineering and Management streams.

The Library at Narasimha Reddy Engineering College was automated using New GenLib, the software. The library is equipped with New GenLib OPAC (Online Public Access Catalogue), where the users can search the library online catalogue by entering the author's name, title, subject, and keywords that are available on the campus LAN. The library books can be easily accessed through the use of Online Public Access Catalogue.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nrcmec.org/NAAC/C4/IPL-QTN-2022-23-03592-Narsimha%20Reddy%20Engineering%20College.pdf

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	View File

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

2.65

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	[View File](#)
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

144

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	[View File](#)

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

NRCM constantly upgrades both software and hardware in accordance with prescribed norms and academic standards. In the academic year 2023-24, NRCM has 1020 computers, 1 server, 3 LCD projectors, 25 Wi-Fi access points, 51 switches, 16 UPS units and 31 printers. The IT policy comprises all IT infrastructure, network and security in the institution. Currently One GBPS of bandwidth internet speed provided in the institute through wired and wireless connectivity. The details are given below:

a. Upgradation of network speed from 500 Mbps to 1 Gbps

b. Increase in the Wi-Fi access points to 25 No's

c. Establishment of DHP server, router and core switch

Network Security: NRCM follow necessary steps to ensure information security and protect against potential threats. The use of appropriate safety standards, limiting remote access to authentic users, and configuring firewall settings are important measures in safeguarding data.

LAN facility: Both Ethernet and Wi-Fi LAN options are available across departments and office buildings, providing users with flexibility in accessing the network. The 1 Gbps dedicated Internet indicates a commitment to enhancing network speed and reliability.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nrcmec.org/NAAC/C4/4.3.1_5.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3337	910

File Description	Documents
Upload any additional information	View File

4.3.3 – Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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	D. Any one of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://nrcmec.org/NAAC/C4/4.3.4%20E%20TOOLS%20BILLS%2020-1-2025F.pdf
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)

392.33

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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.

NRCM has well-established systems and procedures for maintaining and utilizing physical and academic support facilities. The infrastructure for each department and administration is taken care of by a team of faculty members who are nominated as infrastructure Coordinators by the Principal. All civil maintenance, plumbing works etc. are registered by respective faculty through an online portal (MIS). The computer maintenance department (CMD) has a qualified and trained technical support staff for any minor repair work in the computer by the staff and the works are registered and the same is solved by servers, operating, antivirus and firewall services. Powerhouse facilities are available to manage the power supply for the department and administrative blocks. Adequate generator facilities are available besides UPS support to the academic infrastructures. The library is automated by the NewGenLib software. They are well maintained in racks as per the standard protocols governing the library management system. Every year books are properly scrutinized and stock verification by faculty in a circular manner. The sports room is maintained by a

physical director with a supporting team of instructors. The Medical Room is also functioning in the sports complex with proper maintenance. The objective of the institution is to provide eminence in learning by providing adequate facilities and ensuring the cleanliness of the institution through proper, periodic and effective maintenance of all facilitie.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nrcmec.org/NAAC/C4/4.1.4%20INFRASTRUCTURE%20AUGUMENTATION%20BILLS.pdf

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

1640

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

261

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	A. All of the above

Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://nrcmec.org/naac
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

5413

File Description	Documents
Any additional information	No File Uploaded
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

402

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

57

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
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

23

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	**No File Uploaded**

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

69

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 Student Council at Narsimha Reddy Engineering College (NRCM) represents students and enhances their learning experience. Democratically elected, it ensures inclusive representation across engineering branches and acts as a bridge between students and the administration. The council actively contributes to various committees, including the Board of Studies (BOS), Internal Quality Assurance Cell (IQAC), Class Committee, Hostel Committee, Sports Committee, Anti-Ragging Committee, Internal Complaints Committee, Grievance & Redressal Committee, Alumni Association, Library Committee, Training & Placement Committee, and Institution Industry Cell.

NRCM encourages students to join professional bodies for networking, leadership, and career opportunities. The institution offers memberships in esteemed organizations such as the Institution of Engineers (India) [IEI], Indian Society for Technical Education (ISTE), Institution of Electronics and Telecommunication Engineers (IETE), Institute of Electrical and Electronics Engineers (IEEE), Computer Society of India (CSI), Association for Computing Machinery (ACM), Hyderabad Management Association (HMA), T-Hub, and Internet Society (ISOC). These bodies provide exposure to diverse fields like engineering, entrepreneurship, and management.

The Student Activity Center (SAC) fosters holistic development, nurturing leadership, teamwork, and creativity. It hosts events, workshops, and cultural activities and includes vibrant student professional clubs such as the Coding Club, Entrepreneurship Club, Cybersecurity Club, Media and Photography Club, Cultural Club, and Sports Club. Together, the council, professional bodies, and SAC prepare students for academic, professional, and personal success.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.nrcmec.org/sac.php

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

8

File Description	Documents
Report of the event	No File Uploaded
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 Narsimha Reddy Engineering College Alumni Association stands as a testament to the enduring legacy of our alma mater, playing a pivotal role in the growth and development of our cherished institution. Officially registered under Section 10 of the Telangana Societies Registration Act, our association is a vibrant community of over 7540 members, united by a shared commitment to the college's success.

Regular alumni meets serve as dynamic platforms for networking, strengthening social connections, and sharing expertise with current students. Beyond these gatherings, our alumni actively enrich the academic environment by serving as resource persons for guest lectures and placement training sessions, fostering

continuous improvement in educational quality through their valuable feedback.

Financial contributions totaling Rs. 15.07 Lacs over the academic year 2023-24 reflect the steadfast dedication of our alumni to the institution's development.

In addition to financial support, our alumni actively participate in various capacities:

1. Acting as resource persons for guest lectures and seminars.
2. Serving as advisory board members.
3. Participating as BoS members in various departments.

The Narasimha Reddy Engineering College Alumni Association, through the tireless efforts of its dedicated members, remains a cornerstone in shaping the future of our institution, inspiring excellence and progress for generations to come.

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

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

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

Governance is the mechanism and procedure by which an organization organizes itself to meet its mission. It deals with the systems and processes for decision-making,accountability, transparency, supervision, and codes of conduct. It is expressed through legislation, policies and by-laws, and informal norms. The goal of good governance is arobust organization that

achieves the best results and is accountable to the people it serves.

Institution Vision:

To produce competent professionals who can contribute to the industry, research and societal benefits with environment consciousness and ethical Values.

Institution Mission:

M1: Adapt continuous improvements in innovative teaching-learning practices and state-of-the- art infrastructure to transform students as competent professionals and entrepreneurs in multi-disciplinary fields.

M2: Develop an innovative ecosystem with strong involvement and participation of students and faculty members.

M3: Impart National development spirit among the students to utilize their knowledge and skills for societal benefits with ethical values.

The institution has various committees to ensure the decentralization and efficient execution of academic and administrative work. Each committee has one coordinator/convener and faculty members from every department. These committees are monitored by the head of the institution. All these committees are involved in data collection, organizing activities, periodical reviews and providing suggestions for further actions. They frequently conduct meetings and maintain the records in line with Perspective Plan institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://nrcmec.org/NAAC/C6/Committee/6.1.1.View_File.pdf

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

At Narsimha Reddy Engineering College, the decision-making process in academic and administrativematters involvesvarious

stakeholders, including the Director, Principal, Deans, Heads of Departments, facultyand students. Director, Principal, Deans, and HODs play a pivotal role in making decisions related to academic matters. HODs regularly meet with faculty and students to offer suggestions and discuss important issues related to academics. Regular academic and administrativematters are discussed with the respective committees, where decisions are made based on consensus and suggestions. The decisions are then circulated among all stakeholders for adoption and implementation.

Through this structured approach, Narsimha Reddy Engineering College ensures a comprehensive and inclusive decision-making process, where all stakeholders have the opportunity to contribute to key academic and administrative decisions.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://nrcmec.org/NAAC/C6/6.1.2.%20Stragic_Plan.pdf

6.2 - Strategy Development and Deployment

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

We include facilities, equipment, modern tools, support student learning programs and services and improve institutional effectiveness. Provided a world class environment for enabling education, research, and innovation. Continue to build, develop, and maintain the infrastructure with improved space utilization and minimum impact on environment. Strengthen infrastructure audit process to develop aesthetically appealing clean and green campus. To identify potential industries who can establish Centers of Excellence department wise. Provided advanced facilities in Maker Space, AICTE Idea Labs and bring into full utilization by 2026. To enhance indoor and outdoor sports and games facilities year on year to organize and encourage student's participation in state and national events. Renovate cafeteria and additional food courts with modern facilities and hygiene food. ?Implemented the LED lighting to reduce

electricity bills . Enhance timely maintenance and cleanliness of infrastructure and create eco friendly green environment. To enhance e-governance by installing complete ERP in the college, paperless communication, cashless payments, admission, and exam automation.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](View_File)
Paste link for additional information	https://nrcmec.org/NAAC/C6/6.1.2.%20Stragic_Plan.pdf
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.

In accordance with the guidelines and norms set by UGC, AICTE, and Parent University, a number of committees have been established at Narsimha Reddy Engineering College to oversee and monitor various academic, administrative, and developmental activities. These committees ensure that the institution adheres to regulatory standards and works towards the holistic development of students, staff, and the college as a whole. These committees are instrumental in maintaining a high level of academic integrity, fostering professional growth, and ensuring continuous institutional improvement. They play a key role in monitoring the implementation of academic policies, administrative decisions, student welfare, and staff development, in line with the standards set by these governing bodies.

The various committees

1. Governing Body
2. Academic Council
3. Board of studies
4. Anti-Ragging committee
5. Finance committee
6. Purchase committee
7. Co-curricular activities committee
8. Extracurricular activities committee
9. Hostel committee
10. Training and placement committee

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11.  Examination committee
12.  Library committee
13.  Grievance Redressal committee
14.  SC/ST committee
15.  Transport committee
16.  Internal Quality Assurance cell
17.  Institute discipline committee
18.  Faculty recruitment committee
19.  Research and development committee
20.  IPR committee
21.  Website development, ICT and e-learning committee
22.  Entrepreneurship development committee
23.  Campus infrastructure maintenance committee
24.  Industry institute interface committee
25.  Alumni affairs committee
26.  College academic committee
27.  Women empowerment committee
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File Description	Documents
Paste link to Organogram on the institution webpage	https://nrcmec.org/governance
Upload any additional information	View File
Paste link for additional Information	Nil

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

Employee welfare is a core aspect of the values and culture at Narsimha Reddy Engineering College, with a strong commitment to the overall well-being of both teaching and non-teaching staff. The institution offers a comprehensive range of welfare measures, including Provident Fund contributions, medical insurance, maternity leave, medical leave, emergency financial advances, access to a medical center, gratuity, and personal accident insurance. Additionally, staff members receive support for attending conferences and workshops, which includes registration fees, travel allowance, and daily allowance, ensuring that they are equipped to expand their knowledge and network. The college places a significant focus on career development, providing various opportunities for staff to enhance their skills.The institution actively encourages teaching staff to pursue Ph.D. programsand provides resources and support for postdoctoral programs. Additionally, the college offers training programs, workshops, and seminars to continuously upgrade staff skills, alongside opportunities for professional certifications and advancement programs. These initiatives aim to foster a supportive, growth-focused environment that not only enhances personal and professional development for staff members but also promotes a positive, collaborative work culture. By prioritizing the well-being and growth of its staff, the college ensures a high standard of academic excellence and a thriving, motivated workforce.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://nrcmec.org/pdf/Service%20Rules.pdf

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

154

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

128

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	No File Uploaded

6.4 – Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established mechanism for conducting internal and external audits on the financial transactions to ensure financial compliance. The College follows all statutory requirements for audits and accounting practices.

Internal audit is conducted by the finance committee of the institution.

External audit is conducted by the appointed auditors.

Process of the internal audit:

Finance committee verifies all the proofs i.e., approvals, payment credentials, are audited on regular basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Head of the Institution.

Process of the external audit:

The accounts of the Institution are audited by chartered accountant as per the government rules. Discrepancies during the audit are discussed and sorted out with the supporting documents.

Mechanism for settling audit objections

During audit, the queries raised by the chartered accountant are addressed by the accountant with relevant proofs. Auditor reviews the audited financials, and after discussion with the Management, signs the financials, before filing returns with the Department of Income Tax. The Institution has not come across any major audit objections during the preceding years.

File Description	Documents
Upload any additional information	View File
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)

300000

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

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

Budget allocation: Budget requirements under recurring and non-recurring heads are collected from every departments and sections before the commencement of the financial year.

HOD collects the budget requirement from lab in-charges and coordinators for the following items.

- Lab equipment
- Lab consumables
- Spares
- Maintenance
- Furniture
- Stationary
- Teaching – Learning aids
- Students, Faculty and Staff development programs.
- Co-curricular and Extracurricular activities at department level.
- Operational and Miscellaneous expenses.

- Budget estimate will be reviewed in HoD's meeting with principal and submitted to principal for approval.
- After Management approval, the Principal furnishes the approved budgets to the departments.

Utilization:

- The heads of the departments are given freedom to utilize the budget as per the requirements raised.
- The budget allocated has been used to procure equipment to cater the needs of updated curriculum and Teaching learning aids.
- The teaching faculty is trained further to improve their knowledge.
- Guest Lectures / Seminars / Workshops were organized every year for the benefit of students and staff.

- ○ **The allocated funds were used for purchase of consumable items and also for maintenance of equipment.**
- ○ **Almost 100% of allocated budget has been utilized during the last three assessment years.**

File Description	Documents
Upload any additional information	[View File](#)
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)

To establish the standards in academics as well as in administration, it is essential to monitor continuously. To enhance the continual quality improvements in the academic process and also to follow the pre-accreditation exercise, the Internal Quality Assurance Cell (IQAC) was formed in our institution since 2015. The following initiatives are taken continuously after the formation of IQAC Cell:

We introduce alternative assessment tool (AAT)in the continuous integral evaluation (CIE) to improve the critical thinking, problem solving, analytical skills and presentation skills of the students. It also promotes a deeper understanding of the subject and facilitates the teacher to adopt innovative evaluation.

To the enhance knowledge of the students to meet the industry expatiations institute has established career development centre headed by Dean CDC.

Institute entered MOUs with industries to conduct workshops, hackothan, trainings and internships to upgrade the knowledge of the students as the part of the industry expatiations. Employability skill are improving through this CDC activities.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://www.nrcmec.org/mous]()

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

Reviews in Teaching-Learning Process

1. As a part of continuous improvement in Teaching -Learning and evaluation process, institution monitors the student's performance in continuous internal evaluation.

HODs and faculty reviews the performance of students in first CIE examination subject wise slow learns are identified and remedial classes are conducted for slow learners to improve their learning levels and perform better in the examination. Advanced learners are encouraged and guided to participate in symposiums, certifications, competitive examinations. In subsequence semesters slow learners also encouraged to participate in all knowledge enhancing activities.

2. Audit: To monitor the performance of students and staff in various academic researches, administrative parameters, auditing plays a crucial role. The primary objective of IQAC is to monitor, maintain and improve the quality of the institution consistently. Keeping in view of above IQAC conducts internal audit on all the quality initiatives. In addition to the internal audit institution conducts external audit through ISO certification agencies.

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 | A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://nrcmec.org/iqac
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Narsimha Reddy Engineering College aims to maintain a gender equity and Social equity in imparting education. The institute imparts quality education to develop women leaders and professionals to be academically & technically competent with strong professional ethics. Following are the policies of the college with regard to gender sensitization:

1. The institute took all measures to enlighten the students on Women Empowerment and Gender Sensitization.
2. Anti Ragging Committee, Grievance Appeals and Redressal Committee and Internal Committee (IC), are constituted as per norms laid by statutory bodies.
3. The functions of the committees are displayed on the website of the college and information has been disseminated to the students through orientation and induction programs.
4. Awareness programs like importance of human rights, Rights of Women in Domestic problems organized periodically.
5. Under the headship of the Dean- Student Affairs & Academics will organize Anti ragging programmes as well as various sensitization programmes ranging from women

empowerment including gender discrimination to sexual harassment at work place, health issues and so on.
6. Cyber security awareness programs related to the safety and security of women employees and students to be conducted periodically.
7. Health awareness programs on the issues specifically related to women are organized for Faculty and students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://nrcmec.org/NAAC/C7/view%20file.pdf

7.1.2 - The Institution has facilities for 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	A. Any 4 or All of the above

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)

One of the objectives of waste management is to keep the campus clean, we at NRCM strongly believe waste management has a direct and indirect impact on Climate change. The production of Methane and Carbon Monoxide from organic decomposes has a significant impact on climate change, which is of major global concern in the current world. To effectively address both the issues, the NRCM college use the "Refuse, Reduce, Re-use, and Recycle" approach to handling various types of wastage's in the campus. Bio-degradable and non-degradable solid wastes on the NRCM campus have different mechanism to address them.The college has a well-designed drainage system to effectively use recycle and reuse wastewater. RO unit produced 40% purified water and 60% wastewater. It's a significant amount of water waste. The plumbing system in the NRCM college has been changed in such a way, the RO wastewater is collected in Syntax tanks and reused

for toilets. Recycle end-of-life electronic devices and computer systems by Usingthe outdated devices to train the students on hardware assembly and hardware troubleshooting.Sewage system, network of pipes mains for the collection of waste waters or sewage, from the NRCM college is well designed by architecture during the construction

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
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	[View File](#)
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	View File

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: 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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
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	A. Any 4 or all of the above

assistance, 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	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	View File

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).

Our college has established a robust framework for fostering an inclusive environment that champions tolerance and harmony across cultural, regional, linguistic, and socio-economic diversities. Central to these efforts is the implementation of comprehensive diversity training programs for both faculty and students, designed to enhance awareness and appreciation of varied backgrounds.

The college actively promotes student-led organizations that celebrate multiculturalism, providing a vibrant platform for underrepresented groups to share their experiences and traditions. Regular cultural events and festivals like Dussehra, Sankranti, Ramzan ,Christmas etc not only enrich campus life but also encourage cross-cultural dialogues, fostering a sense of community and belonging.

In addition, the institution has integrated inclusive policies into its curriculum, ensuring that diverse perspectives are represented and valued in academic discourse. Support services, including mentorship programs and resource centers, are readily available to assist students from various socio-economic backgrounds, facilitating equitable access to opportunities.

Furthermore, outreach initiatives that engage with local communities help bridge gaps and promote social cohesion, reinforcing the college's commitment to inclusivity. Through these multifaceted strategies, our college cultivates an

enriching environment where diversity is celebrated as a vital asset, empowering individuals to thrive in a pluralistic society.

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:

To Sensitize the students and employees of the Institution towards the constitutional obligationsand imbibe them.Several activities are organized on different occasions like

1. Orientation programme is conducted every year at the beginning of the session for the new students to make them aware about the anti ragging committee and its functions.
2. Different awarenessprogramme like blood donation , traffic awareness, IPRwas organized byNRCMfor studentsand staff.
3. Students are motivated to conduct social activities for the betterment of community and are actively involved in various types of social activities through the respective NSS units.
4. NRCM is fully committed towards the protection of natural environment by practicing tree plantation, water harvesting, solar energy conservation and soil health improvement.
5. Students are also sensitizing to adapt green practices, conservation of natural resources, alternative source of energy and renewable energy.
6. NRCMorganizes various Plantation programmes at many occasions to motivate the students,staff and faculty members for maximum plantation to protect the environment.
7. Special courses related to constitution of India, Intellectual property rights, Environmental scienceare taught to students to inculcate ethical values, not only in society but also in professional and research activities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

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

A. All of the above

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	[View File](#)
Any other relevant information	[View File](#)

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

The academic year 2023-2024atNarsimha Reddy Engineering Collegewas marked by the celebration of various national and commemorative events, fostering patriotism, cultural awareness, and community engagement among students and staff. These events aimed to honor historical milestones, commemorate significant personalities, and promote unity and inclusivity within the college community.The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and

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Happiness throughout.

List of Events Celebrated

  1.  Independence Day (15th August)
  2.  Republic Day (26th January)
  3.  Teachers' Day (5th September)
  4.  International Yoga Day (21st June)
  5.  Women's Day (8th March)
  6.  National Youth Day (12th January)
  7.  MathematicsDay (22ndDecember)
  8.  FarmersDay (23ndDecember)
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File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

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

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1.Best Practice-1:Student Employability and Skilling Activities

At Narsimha Reddy Engineering College (NRCM), enhancing student
employability and skilling is a priority under our institutional
best practices. The Career Development Center (CDC) plays a
pivotal role in organizing various programs and activities
designed to improve students' skills and ensure their
preparedness for the job market.

2. Best Practice-2:Promotion of Gender Equity
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  - To promote gender equity and foster a safe, inclusive, and empowering environment for all students and staff.
  - To sensitize the campus community about gender-related issues and eliminate biases.
  - To encourage equal participation of all genders in

academic, extracurricular, and leadership activities.

File Description	Documents
Best practices in the Institutional website	https://nrcmec.org/NAAC/C7/7.2/7.2.1.pdf
Any other relevant information	https://nrcmec.org/NAAC/C7/7.2/7.2.1.pdf

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)

Program: Institutional Extension Activities for Rural development and Community enrichment

NRCM not only enriches the lives of the students and faculty members but also contributes the development of socital needs in rural areas. Several extension efforts are carried out by the institute for the benifit of the surrounding villages and deprived community .

The institution has received arround 50 Lakhs funding from the MSME and DST Government of India for the purpose to uplift and enlight the rural students and community.Apart from this through Student Activity Center (SAC) adopted villages and also conducted several extensional actiivties for the upliftment of rural and needy people.

SAC has conducted many events like

1. Cancer Screening Camps

2. Blood Donation Camps

3. Regular Health Camps

4. Regular Camps to Near by Villages to educate farmers on modren Farming Practices.

5. Conducting Awareness Programs for Women in near by villages on how to use digital payment platforms.

File Description	Documents
Appropriate link in the institutional website	https://www.nrcmec.org/NAAC/C7/7.3/7.3.1.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To encourage multidisciplinary collaborative research
2. Foster and enhance, cross-disciplinary and cross-campus research programs.
3. To Increase the faculty awareness of funding oppurtunities by knowing and dissemenating sponsor funding sources and trends
4. To Increase the individual faculty publications by fixing the targets and timelines
5. To enhance the public perception / brand image of the institute in the society
6. Continue to improve national rankings and participation in international rankings
7. To conduct more number of faculty enrich programs on latest cutting edge technologies
8. To conduct more number of awareness programs on NEPand SDG's
9. Encouragefaculty to improve qualification and retention of well qualified and experienced faculty
10. Encourage the faculty and students to develop and promote the Products / Technologies
11. More focus on career development activities to improve the placements and higher institutional activities
12. To foster social responsibilties and community engagement.