



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		Narayana Engineering College
• Name of the Head of the institution	Dr. V. Raviprasad	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	08624295641	
• Alternate phone No.	08624252611	
• Mobile No. (Principal)	9912355502	
• Registered e-mail ID (Principal)	principal@necg.ac.in	
• Address	Dhurjati Nagar	
• City/Town	Gudur	
• State/UT	Andhra Pradesh	
• Pin Code	524101	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	22/12/2020	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. K. P. Prasad Rao				
• Phone No.	9392901131				
• Mobile No:	9392901084				
• IQAC e-mail ID	iqac@necg.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.necg.ac.in/IQAC/pdf/AQAR%202021-2022%20submitted%20report.pdf#toolbar=0&navpanes=0				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.necg.ac.in/academic-calender.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.10	2019	20/05/2019	31/12/2025
6.Date of Establishment of IQAC			21/12/2015		
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	
Narayana Engineering College, Gudur	HI-BI	MSME	05/01/2020	3.5 Crores	
Narayana Engineering College, Gudur	2F, 12B	UGC	16/07/2018	0	
8.Provide details regarding the composition of the IQAC:					

<ul style="list-style-type: none"> • Upload the latest notification regarding the composition of the IQAC by the HEI 	View File
9.No. of IQAC meetings held during the year	2
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
1. IQAC is motivating the faculty to improve their research quality.	
2. IQAC is conducting exclusive programmes for faculty to improve their academic and administrative performance.	
3. IQAC is monitoring the quality of Workshops, Seminars, Training etc., held at the Institute.	
4. IQAC monitors attainment process in academics by faculty.	
5. IQAC collects Feedback on academics and non-academics issues from all stack holders from time to time, then prepares Action Taken Report (ATR), Suggestions and Appreciations.	
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				
Curriculum Enrichment	Framing NEC R23 initiated				
Promote research and publications	Workshops and seminars organized to create awareness and motivate faculty				
Enhance students skills	CCD, SDT, VAC, IOC etc courses are further stream-lined				
Encourage the start-up culture	Encouragement to participate in external competitions like Hackathons, TechGig, Challenges and etc.				
13. Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <tr> <td>Name of the statutory body</td> <td>Date of meeting(s)</td> </tr> <tr> <td>Governing Body</td> <td>22/06/2024</td> </tr> </table>		Name of the statutory body	Date of meeting(s)	Governing Body	22/06/2024
Name of the statutory body	Date of meeting(s)				
Governing Body	22/06/2024				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2022-2023</td> <td>16/03/2024</td> </tr> </table>		Year	Date of Submission	2022-2023	16/03/2024
Year	Date of Submission				
2022-2023	16/03/2024				
15. Multidisciplinary / interdisciplinary					
<p>Narayana Engineering College, Gudur offers multidisciplinary education for students interested in practicing around a focused concentration by combining or involving several academic disciplines. It aims to improve the overall development of human beings -intellectual, aesthetic, social, physical, emotional, and moral in an integrated manner. Our institute has the flexibility to frame curriculum and syllabus to meet the multidisciplinary/Interdisciplinary approach requirements. The institute offers credit-based courses and projects in the areas of</p>					

environmental education and value-based education. The students who are desirous of pursuing their special interest areas other than the chosen discipline of Engineering may opt for additional courses in minor specialization groups offered by a department other than their parent department. The institute included minor programmes in the regular curriculum for the students, and students can opt for the same in 4th semester. The institute also offers Interdisciplinary in core engineering courses as open electives that provide students with a strong foundation, evolving technology necessitates new methods and approaches to progress, prosperity, and the inculcation of problem-solving techniques. The institute included an honors programme in the regular curriculum for the students. They can select the additional and advanced courses from their parent branch in which they are pursuing the degree and get an honors degree. A student shall register for the Honors programme in 4th semester. Honors degree must be completed simultaneously with a major degree programme.

16.Academic bank of credits (ABC):

Narayana Engineering College, Gudur is taking initiatives to deposit the student-earned credits for all the programmes offered in the Academic Bank Credit (ABC) to promote student-centricity in higher education across the country through learner-friendly practices and a more interdisciplinary approach to higher education. The institute has registered in the National Academic Depository (NAD) portal for depositing students academic records as per the government directions. Through this mechanism, students will get benefited from pursuing higher studies that require a credible, authentic, and convenient mechanism for access, retrieval, and validation of such academic awards. Academic records maintained in paper form are susceptible to hazards such as spoilage and forgery. Students often face difficulties in obtaining copies of their certificates/mark sheets whenever they are lost or destroyed. Maintaining academic awards in a digital depository would enable educational institutions, students, and employer's online access/retrieval/verification of digitized academic awards and eliminate fraudulent practices such as forging certificates and mark sheets.

17.Skill development:

The institute incorporated skill-based credit courses along with regular courses in the curriculum as per the guidelines given by AICTE and APSCHE. Students can also opt for skill courses from other domains apart from regular ones. The student shall be given the option to choose a certificate course offered by

industries/Professional bodies/APSSDC or any other accredited bodies. Apart from these, the institute offers skill development programmes i.e. Value Added Courses (VAC), Industry Oriented Courses (IOC), and Career Competency Development (CCD) courses to enrich student skill. Students shall undergo mandatory summer internships for a minimum of Four weeks duration at the end of the second and third years of the Programme. There shall also be a mandatory full internship in the final semester of the Programme along with the project work. All these initiatives reflect an increase in placement percentage and packages.

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

The promotion of Indian languages is only possible if they are utilized regularly and for teaching-learning purposes. Our institute organizes the events and competitions like essay writing, and elocution competitions in the regional languages and prizes are distributed to top-performing students. NEC Gudur autonomy curriculum includes the following courses to improve Indian Culture and Heritage Sociology Society and Culture, Universal Human Values, Professional Values and Ethics, Human Relations at Work, Environmental Sciences etc.,. The ability to communicate in Indian languages will be considered part of the qualification criteria for job openings. The institute has also given some additional knowledge in par with curriculum about ancient India's contribution to the world of Science, Technology, Engineering and Mathematics like Pascal Triangle, Shunya (Zero) in Mathematics, Zinc Smelting in Chemistry, Ellora Caves, Temple with zodiac signs, Sindhudurga Fort construction techniques in Civil and many more in other departments.

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

For the implementation of OBE, the initial phase is to design the curriculum, particularly the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. In the next phase, the Course Outcomes (COs) for every course are mapped with the Programme Outcomes (POs) of the National Board of Accreditations (NBA) and the Programme Specific Outcomes (PSOs) of the programme. Effective implementation of this Outcome-Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by the NBA and hence can compete on a global platform and have expected global attributes. Specific to every programme, three Programme Educational Objectives (PEOs) are measured through the stakeholder's feedback. The institute keenly observes the attainment of POs and PSOs for the respective programmes related to

the Vision and Mission of the departments.

20.Distance education/online education:

As online education has gained importance in the present trend, new trends have taken their way in education to inculcate advanced learning techniques. As a result, the knowledge and performance of the students will enhance. For a long time, it is being observed that the inculcation of technology through digital presentations has dominated because of the facility of the Internet which reshaped the current trend of education. E-learning is vast and unlimited, all the time and places where the learning path and pace are determined by the learner. The institute faculty successfully delivered online lectures on the online platform, conducted online tests, and essentially delivered lab courses through various virtual lab platforms provided by the Ministry of Higher Education Government of India. The seminar and project work evaluations were also conducted in the virtual environment. The online platform is extensively used to conduct webinars and lectures during the lockdown. Since 2020 its autonomy, the institute has made sincere efforts to include self-learning by introducing MOOC courses as mandatory offered by NPTEL. Virtual labs are introduced in every regulation from NECR 20 onwards to promote self-learning and inquisitiveness in students. In the regulation effective from NECR 20, apart from the graduation programme, the student can also get an honors degree in a specialized domain by crediting courses in NPTEL. In line with the developments in Learning Management Systems (LMS), the college intends to encourage students to do online courses in MOOCs, offered internationally. The main intention to introduce MOOCs is to obtain enough exposure through online tutorials, self-learning at one's own pace, attempting quizzes, discussing with professors from various universities, and finally obtaining a certificate of completion for the course from the MOOCs providers.

Extended Profile

1.Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 1839

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 342

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 1881

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

3.1 670

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 156

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	10
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	1839
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	342
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:	1881
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	670
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	156
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	156
Number of sanctioned posts for the year:	
4.Institution	
4.1	317
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	37 Class Rooms and 7 Seminar Halls
Total number of Classrooms and Seminar halls	
4.3	625
Total number of computers on campus for academic purposes	
4.4	75490793
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The curricula developed have relevance to the regional/national/global developmental needs with well defined learning objectives and outcomes at programme and course level. The department and the institute are guided and monitored in the preparation of course curriculum by two bodies, namely Board of Studies and Academic Council and typically undergoes with the following:

The Institute follows the guidelines issued by the regulatory bodies such as UGC, AICTE, affiliated university JNTUA, Ananthapuramu and Andhra Pradesh State Council of Higher Education (APSCHE) while designing the curricula. The Institution has ensured a systematic procedure for the design, implementation and revision of the curriculum. The Primary objective of the college is to nurture High Quality Engineering Professionals to meet the global needs.

Factors for Curriculum Design: The Curriculum is thoughtfully designed to ensure that the students gain not only the required domain knowledge but also the appropriate skills and attitudes for being globally competitive and workforce-ready. The Curriculum is designed taking the best of the following resources: 1. Curriculum of various reputed Universities 2. Model curriculum as prescribed by the AICTE 3. Expectations of the parents, aspirations of the students & alumni and demand from the industry

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-i/Curriculum-Design-and-Development/1.1_22-23.pdf#toolbar=0&navpanes=0

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

10

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

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

670

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

41

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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
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 institution is making continuous efforts to integrate cross

cutting issues into the curriculum. Apart from enhancing professional competencies these aim to inculcate general competencies.

Gender sensitization is as part of the curriculum by the university, which covers Gender inequality, declining Sex ratio, sexual Harassment, domestic violence etc. Even though it is in syllabus different activities relating to gender issues are conducted by the college through Women's forum. Awareness programmes organized on gender sensitization, girls health, rights of Women, sexual harassment, women's empowerment, gender equity etc.

A course on Environmental Science has been included in the curriculum in II year I Sem and II sem. Students are given inputs for promoting various environmental issues like Natural resources, ecosystems, biodiversity and its conservation, environmental pollution, waste management etc.

A course on Human values and Professional Ethics in Engineering mainly deals with the ethical aspects for the prosperity of organization and for personal development of students. This course explains various steps to lead the life towards holistic and value based living. Even though it is in syllabus different activities like seminars and workshops relating to Human values and professional Ethics/Social values and ethics, are being conducted by the college through HVPE Cell.

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

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

21

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	View File

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

1485

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

848

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.necg.ac.in/stakeholder.php
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://www.necg.ac.in/stakeholder.php
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

644

File Description	Documents
Any additional information	View File
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)

293

File Description	Documents
Any additional information	View File
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.

The institution facilitates special learning, based on the academic capabilities of each student by analyzing their learning levels after admission. Initially, prior to the commencement of the course at the beginning of programme, Intermediate marks are taken into consideration to assess the learning levels of the students. The Faculty analyzes the students through a pre-defined procedure

based on intermediate marks and classify them into slow and advanced learners.

Bridge courses are conducted for the first year students at the beginning to enable smooth transition from intermediate to engineering.

Activities for slow learners -

1. Extra classes are taken for the required subjects.
2. Question bank with key is provided, etc

Activities for advanced learners -

1. Special program on C language is conducted.
2. Personality Development Classes, etc

Later from second year onwards, classification of slow learners and advanced learners is based on their performance in the end examination. The following activities are conducted for slow and advanced learners.

Activities for slow learners -

1. The slow learners are encouraged to improve their academic performance through extra attention in class.
2. More assignments are given for practice, etc

Activities for Advanced learners:

1. Additional library facility of issuing extra books.
2. Coding classes for improving coding skills, etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-ii/Catering-to-Student-Diversity/2.2.1_2-23.pdf#toolbar=0&navpanes=0

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2022	1839	156

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:

The college emphasizes on student-centric approach in teaching learning process like:

Experiential Learning:-

A. Lab Experiments:

The students are taught practically test the concepts that they theoretically learnt in the classroom.

B. Industrial visits and field trips: Conducted to provide students with hands on experience.

C. Internships: During academic semesters students take up internships which gives students an opportunity to apply.

D. Project exhibitions:Conducted through which students make different models and get hands on experience.

E. Participative Learning:The participatory learning activities adopted by the faculty are Active learning methodologies, Project development, etc.

F. Active learning Methods:The Active Learning Methods are planned prior to the commencement of class work. Course Plans give details of activities.

G. Conferences and Symposia :Institute organizes many conferences and symposia, where the students are encouraged to actively participate.

H. Student clubs:In order to pursue the interest in their area of specialization, students' clubs are functional. Some of the

students Clubs are hobby and Technical Clubs.

I. Problem solving methodologies: Problem based learning is a student centered pedagogy in which students learn about a subject through the experience of solving an open ended problem given in a class room.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.necg.ac.in/AOAR-2023/criterion-ii/Teaching-Learning-Process/2.3.1_22-23.pdf#toolbar=0&navpanes=0

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

Institution encourages intensive use of ICT tools and online resources for effective teaching learning processes.

In this regard all classrooms, seminar halls, laboratories and auditoriums are equipped with ICT facilities which include LCD projectors, computers with internet connection to make students understand the concepts easily by seeing the technology or concept visually.

All the faculty members have adopted innovative teaching methods to ensure effective learning outcomes.

The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes.

The staff and students have access to technology and information retrieval on current and relevant issues. Faculty members use working models, charts, PPTs, videos, and animations to present the important/difficult theoretical concepts. Faculty also uploads videos, PPTs, tutorials; assignments lecture notes and other relevant materials through LMS (Learning Management System). Faculty members share the learning material which can be accessed by student groups at their leisure.

The Institute subscribes to various online resources like IEEE, Digital Library and DELNET. Faculty members are encouraged to use

the NPTEL videos for a better teaching-learning environment.

Institution motivates both students and faculty to register for MOOCS platforms.

The central library of our institution is also equipped with ICT tools.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.necg.ac.in/AQAR-2023/criterion-ii/Teaching-Learning-Process/2.3.2_22-23.pdf#toolbar=0&navpanes=0
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

93

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

First, second and third year students are studying under Autonomous regulations and Final years studying under JNTUA. Our college has to adhere strictly to the Academic Calendar issued by the JNTUA for students studying under JNTUA. University at the beginning of each semester releases the academic calendar. It includes details of different spells of instructions, schedules for mid examinations, preparation and Practical's, End Examinations and they also include commencement date of class work for next semester. Principal convenes CAC meeting with all heads of the departments and prepares an Academic Calendar in line with the university Academic calendar reflecting the activities or events planned by College and Departments.

For students under Autonomous regulations, The Institution

releases two different levels of Academic Calendar which are prepared at the beginning of each semester are Institutional Academic Calendar and Departmental Academic Calendar. The Institutional Academic Calendar is released at the beginning of semester by IQAC and Departmental Academic Calendar issued by concerned department. It includes various curricular, co-curricular and extracurricular activities

The institute strictly adheres to the academic calendar in conducting the internal examinations in Theory, Labs, audit courses, Term Work, Career Competent Development, Technical Seminars, Projects etc.

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

156

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	View File

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

19

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	View File

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

156

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

21

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

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

2

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	View File

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

Narayana Engineering College (Autonomous), Gudur significantly enhances its Examination Management System (EMS) through IT integration and implements comprehensive reforms in the

examination procedures and processes including Continuous Internal Assessment (CIA). All the pre and post semester end examination process viz. registration of the students and courses, generation of hall tickets and OMR sheets, evaluation (digital flat form), grading and grade memo generation are implemented through automated software named Bees Bet Plus. This Exam EMS Software is used to ensure efficient handling of examinations, reduce manual errors, and expedite result processing. The Digital Evaluation of External Exam Scripts is also being implemented. The performance of the students in continuous assessment and students' attendance is continuously monitored and updated to the parents periodically through the Student Information System (it is a dynamic web reporting system).

Reforms in Examination Process: ? CCTV surveillance during examinations, ensuring fairness and transparency ? Digital Evaluation is introduced to make assessments are fast, easy, accurate and highly secure. ? Examination-related documents are equipped with security features to prevent tampering and fraud. ? The Results and Marks are sent to parents via online web portal.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://necgexams.ac.in/ExternalEvaluation

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

In strict compliance with the objectives of OBE, the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the concerned departments. After attainment of process, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

1. Website
2. Curriculum /regulations books
3. Class rooms
4. Department Notice Boards
5. Laboratories

6. Student Induction Programs
7. Meetings
8. Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, also inform the students and create awareness and emphasize the need to attain the outcomes.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program.

The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course.

The POs/PSOs and COs of the programme are published through electronic media at individual Department site located on the college website www.necg.ac.in. In all the interactions with the students, awareness on POs, PSOs and COs is consciously promoted.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.necg.ac.in/AQAR-2023/criterion-ii/Student-Performance-and-Learning-Outcomes/2.6.1_22-23.pdf#toolbar=0&navpanes=0

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

List of Assessment Tools and processes:

Attainment of POs and PSOs is based on direct assessment tool as well as indirect assessment tool.

1. Direct Assessment Tool:

- Direct assessment of POs and PSOs is based on the students' performance in both internal examinations and university examinations for all courses.

- Performance of all the students in different assessments such as internal examinations and university examinations lead to attainment of COs which in turn lead to attainment of POs and PSOs based on the mapping of COs with POs and PSOs.
- Direct Assessment Tool is given 80% weightage in the attainment of POs and PSOs.

2. Indirect Assessment Tools:

- The indirect assessment tools that are used for attainment of POs and PSOs are
 - Graduate Exit Survey (10% weightage)
 - Alumni Survey (5% weightage)
 - Employer Survey (5% weightage)

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/AQAR-2023/criterion-ii/Student-Performance-and-Learning-Outcomes/2.6.2_22-23.pdf#toolbar=0&navpanes=0

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

331

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	View File
Paste link for the annual report	https://www.necg.ac.in/AQAR-2023/criterion-ii/Student-Performance-and-Learning-Outcomes/2.6.3.pdf#toolbar=0&navpanes=0

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://www.necg.ac.in/AOAR-2023/criterion-ii/Student-Satisfaction-Survey/2.7.1_22-23.pdf#toolbar=0&navpanes=0

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

The Institute has a well-defined policy for promoting and incentivizing research. Research is promoted at department levels through curriculum based undergraduate projects and internship projects. A Research committee was constituted to take care of various issues of research including ethical matters. The committee contains Principal, R&D Coordinator, HOD of respective departments and Subject Experts. Research and Development (R&D) Cell was established in the institute with necessary software and computing facilities for carrying out research activities. R & D cell will receive applications seeking research proposals from the interested faculty and students. The received applications will be scrutinized by the committee and suitable proposals will be granted the seed money.

The institute library is equipped with quality journals, e-journals, e-books from various disciplines. It helps to provide a good platform for quality research. The Institute encourages the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels by reimbursing registration fee/TA/ DA. The institute encourages the faculty by providing incentives for peer reviewed publications, writing books and filing patents. The institute takes care of the patent filing process, which is governed by the Research policy of the institute.

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://www.necg.ac.in/pdf/Policy%20Research.pdf#toolbar=0&navpanes=0
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)

478000

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	View File

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

0

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/r-d-office.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

03

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

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.necg.ac.in/r-d-office.php
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.

The Institution provides a conducive environment for promotion of Innovation and Incubation. The ecosystem for innovations of NEC, Gudur contains the following dedicated cells:

1. Research and Development Cell
2. Entrepreneurship and Development Cell
3. Center for Extension Activities
4. National Service Scheme
5. Innovation incubation Cell
6. Intellectual Property Rights Cell

The institute has developed an ecosystem for innovations by creating research culture, developing industry & research projects and transferring knowledge through custom made programs are:

- Awareness programs, Technical Symposium, Management meets, workshops, Seminars and guest lectures on Entrepreneurship, Research Methodology, Intellectual Property Rights (IPR) etc are organized.
- The Entrepreneurs are invited to address the students and inspire them.
- Code of ethics to ensure quality and legitimate practices in research.
- Faculty and students are encouraged to actively involve in

serving the community through extension activities like awareness for environment issues, blood donations, and social issues through various outreach programs under CEA/NSS.

Students are provided facilities to build prototypes and Project Expos are organised for promotion of socio relevant models. Students are awarded cash prizes for best models and encouraged to gain hands-on experience and better Industrial Exposure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/IIIC/

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

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

07

File Description	Documents
URL to the research page on HEI website	https://www.necg.ac.in/r-d-office.php
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

58

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

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

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/papers-published.php

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

00

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

7

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

1199643

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	View File

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

478000

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	View File

3.6 - Extension Activities

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

The institution gives lot of importance to holistic development of students and organized many community development activities during the last five years. Number of students from the institution has taken part in the community service activities, regularly organized through various support systems of the institution, having got sensitized towards social issues. The institute promotes neighborhood network for enabling students to get involved in extension activities. These activities develop students into ideal citizens bearing high moral values and providing community service. To sensitize students, Cultural and NSS cells play pivotal role. Faculty members of these committees

introduce students to various activities throughout the academic year.

Involvement in such Community service activities helps students to become matured and socially responsible. Students are motivated to participate in need based extension activities, such as 'Swachh Bharat ', awareness programs etc. Participation in such activities imbibe sense of national integrity, environmental and social responsibility among students. These activities help to sensitize and inculcate ethical behavior among the students.

Institute arranges health check-up and blood camps in association with other institutes and recognized bodies like Red Cross, Govt. Hospital, Lions club. These lead to emotional, intellectual, social, and inter-personal development of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-iii/Extension-Activities/3.6.1_22-23.pdf#toolbar=0&navpanes=0

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

05

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	View File

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)

25

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

2053

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

1432

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

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

52

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.

The Institute continuously strives to create and enhance infrastructure both in terms of buildings and other facilities to provide a good teaching-learning environment.

- Canteen
- Wi-Fi Campus
- Auditorium
- Gym
- Central Library
- Sports Complex
- E-Class Rooms
- Transport / Parking
- Green Audit Campus
- Building Photos
- Institute Photos
- Fire Safety
- Potable Water Supply
- Grid Connected Solar System
- Backup Electric Supply
- Disable-Friendly & Barrier Free Environment
- Dispensary
- Media Cell
- Rain Water Harvesting
- Notice Boards

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-iv/Physical-Facilities/4.1.1.pdf#toolbar=0&navpanes=0

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

The institute focuses on overall development of the students through participation in co-curricular and extra-curricular activities. Cultural activities are conducted in the seminar halls, Auditorium and open air theatre of the institution.

Sports and Games

Institute has employed a well-qualified and experienced physical director, who trains and supervises students actively participating in various sports and games activities and competitions. Physical Director trains the students in their chosen games in the time-slot allocated to them. The institute has a spacious and well equipped indoor-sports room, where students can play games like table tennis, chess, caroms etc.

Yoga Centre

The institute has dedicated centre for Yoga and meditation to enable the faculty and students to practice Yoga and meditation for improving their mental and physical health.

Gymnasium

The institute has a dedicated room for Gymnasium with facilities like 8 stationed gym, Treadmill, Cycle, abdominal bench, Twister, bench press, dipping bars, weights, dumbles etc.

Cultural Activities

All the seminar halls and auditorium are provided with adequate facilities to conduct various cultural activities. Cultural activities are conducted in these seminar halls and auditorium on different occasions like fresher's day, farewell day, Annual day and on such other important occasions.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AOAR-2023/critertion-iv/Physical-Facilities/4.1.2_22-23.pdf#toolbar=0&navpanes=0

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

44

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)

75490793

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 of the institution is equipped with Library Management System services; which is automated through a software program, designed and developed by our own team. ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all in- house operations of the library.

Name of the ILMS Software: Library Management System Software (LMS)

Nature of Automation: Fully Automated

Version: 2.0

Year of automation: 2007

Library Management system (LMS) software with all the functional modules of library management completely implemented and has the following modules:

1. Cataloging: Bibliographic data, Primary and Search catalogue

2. Circulations or Transactions: Material Transactions, Member Registration, Fine Transaction, Toppers category change, SMS Alerts for Defaulters and Extra Books provision for Final Year Students

3. Reports: Material Search, Book Search on Accession Number, Member, Abstract Material, Title Summary for Material, Transaction Material, Binders, Material Book and Old Transaction Reports

4. Masters: Holidays Master, Barcode Generation and Binder Master

5. Journals: Journals Transaction

6. Graphs: Graph for material/ member transaction

7. Web Online Public Access Catalogue (OPAC): Search by Author, Title, new arrivals and Journals

Library web OPAC link is provided on college website <http://115.241.194.4/ltouchnecng/> to students and faculty for searching library materials.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-iv/Library-as-a-Learning-Resource/4.2.1_22-23.pdf#toolbar=0&navpanes=0

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

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)

1249542

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

52374

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

The institute has an IT policy in place which specifies clearly about the procedures to be adopted for all IT facilities that are made available in the campus. Adequate budget allocations are made regularly to establish, maintain, and upgrade these IT facilities. IT facilities include computing systems, Wi-Fi systems, cyber-security, intranet, internet, and all other software necessary for handling these systems as well as support systems like website, campus management software, library information system, MOOCs, CCTVs, biometric devices, Learning Management System (LMS), online assessments, access to online learning resources. College has a clear policy to create and enhance IT facilities to promote vertical and horizontal mobility for advancement in teaching learning methods and also in Research. The College updates the IT facilities on a regular basis.

Campus is Wi-Fi enabled with high throughput indoor and outdoor Wi-

Fi access points and required firewalls. The College has a 24/7 Wi-Fi facility for students and faculty members can avail internet connection in the campus. Enterprise level Next Generation firewall appliances in redundant mode with fully integrated intrusion prevention (IPS), application control, antivirus, web filter, email filter and traffic shaper. Upgradation arrangements on a regular basis are incorporated into yearly budget plan.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-iv/IT-Infrastructure/4.3.1_22-23.pdf#toolbar=0&navpanes=0

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1839	625

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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-iv/IT-Infrastructure/4.3.4_22-23.pdf#toolbar=0&navpanes=0
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)

75490793

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.

Infrastructure Facilities, Maintenance and utilization is carried out with the active support and involvement of in-charges of the concerned department. Maintenance of Civil Works is looked after by the Administrative Officer (AO). He is in-charge for four divisions namely water, sewage, carpentry and Gardening. Equipment in the Laboratories is maintained by the respective Lab In-Charge(s) as per the guidelines issued by HOD. The Computers and Software are being maintained by the system administrator of CSE department. Electrical maintenance is looked after by the HOD of EEE department and equipment is being maintained by trained technicians. Library is headed by the LIO. The issue and return of books and maintenance of LMS software are carried out by the librarian and supporting staff. Physical education is facilitated by the physical director to train the students. The physical Director makes the play fields ready for Indoor & outdoor games. The college health center is governed by the qualified Medical officer and it is supported by a professional pharmacist and a nurse. The Security system of the college is headed by the AO. Security officer along with security guards control and monitor

the college premises.

Detailed information on maintenance is provided in additional information.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/LIBRARY/index.php

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

1051

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

409

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

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

File Description	Documents
Link to Institutional website	https://www.necg.ac.in/sports/index.php
Details of capability development and schemes	View File
Any additional information	View File

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

305

File Description	Documents
Any additional information	View File
Number of students benefitted 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	View File

5.2 - Student Progression

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

258

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

26

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

0

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

5.3 - Student Participation and Activities

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

9

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

At NECG, the Student Council plays a vital role in the active involvement and participation of students in a variety of institutional activities. The council members contribute significantly by coordinating events related to academics, co-curricular, and extracurricular pursuits, all under the supervision and guidance of the teaching faculty. Their role is not just limited to organizing events but extends to academic and administrative responsibilities as well. With the support of their peers, they engage in a wide range of tasks that aid in the smooth functioning of the institute.

One of the primary objectives of the Student Council is to inspire and motivate other students to actively engage in the numerous activities conducted within the institute. By fostering a culture of participation, the council encourages students to take initiative and involve themselves in academic, cultural, and extracurricular events, thereby enriching their overall experience at NECG.

The Student Council also serves as an important communication link between the student body, faculty, and administration. It functions as a medium through which students can voice their concerns, suggestions, and feedback to the Principal and faculty, ensuring that there is a seamless flow of information between the different stakeholders of the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-v/Student-Participation-and-Activities/5.3.2.pdf#toolbar=0&navpanes=0

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

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

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 institute has established a "Narayana Engineering College Alumni Association" (NECAA) Gudur on 18th December, 2015 under the Society Registration Act, of 2001 with registration No -461/2007. The Alumni committee organizes the Annual Alumni meet yearly once. NECAA organizational structure has President, Vice-President, Secretary, Joint-Secretary, and Treasurer. Alumni Incharge appointed to organize and monitor different activities of the Alumni Association. Alumni share their past and present experiences as well as recalls their memories in the institute with their teachers, juniors, and friends.

Alumni participate and contribute to the development of the institute in the following ways:

- They intimate the current scenario for placements, expectations from the industry, and potential job opportunities.
- Alumni members are invited to deliver guest lectures and also as the resource persons for workshops and seminars on recent trends in technology.
- Alumni feedback is taken periodically to understand the curricular gaps and recent market trends.
- They support in conduction of industrial visits at their organization.
- Alumni provides the sponsorships for different events organized by the institute every year.
- Alumni members actively participate as judges in various technical and non-technical competitions organized by the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/alumni-office.php

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

The empowered team of the college involves Principal, convener of different committees,

Teaching-staff, IQAC committee, non-teaching / supporting staff, student representative, stakeholders, alumni etc.

The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college.

For example, these are IQAC, Examination cell, CEA, NSS, career counseling cell, library and sports committee, cultural and literacy committee, internal examination committee, anti-ragging committee, college-magazine committee, disciplinary committee, grievance redressal committee, R &D cell etc.

All the committees take its responsibility for the plans and activities, and successfully tackle these responsibilities in every academic session.

For academic performance meetings with HoD's and faculty of various departments is done. Also, the teaching-progress is checked monthly by lecture dairy. Principal continuously monitors

each room individually by CCTV installed for teaching-class, class room activities, movement of students in veranda and outside of the campus. The perspective plans are implemented by principal with finance committee.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/mission-vision.php

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

Effective leadership is reflected in various institutional practices such as decentralization. Decentralization and operational transparency are the features of the institute.

The institute having been a support for participative management achieved it involving faculty and students. Thus it formed policy of participative management as it forms part of democratic governance. The Governing Body considering the same as a quality promotional policy for the improvement of the institution has accorded to its approval.

The college works as per the rules and regulations framed by JNTUA and governing Body in designing and implementation of the quality policy and plans. The Principal is the Head of the institution and is empowered with sufficient authority and power delegated from the management for smooth functioning of day-to-day activities. Under the direct supervision of Principal all the departments of the college function. Day-to-day academic activities of the departments are taken care by the HODs..

The college has an Internal Quality Assurance Cell, which includes members from other institutes and senior teachers from the college. IQAC meets at regular intervals and plays an important role in the implementation of its plans and policies.

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://www.necg.ac.in/organisation-chart.php

6.2 - Strategy Development and Deployment

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

NECG understands the purpose of Assessment and Accreditation i.e., to foster the core values within the institute and to provide high-quality education to students by giving training in competent skills with values. One of the strategic goals of NECG is to get accreditation from the National Board of Accreditation (NBA) by assessing our quality and improvement process, this involves several stages: Initial stage, Pre-assessment stage, Assessment stage, and Post-assessment Stage (decision-making). In AY 2022-23 we have completed all the four stages of accreditation process for two programs under Tier II (affiliated college), namely Computer Science and Engineering (CSE) and Electronics and Communications Engineering (ECE), based on the prescribed norms and standards we are following/practicing the above two programs are accredited for 3 years, i.e., 2023 to 2026.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.necg.ac.in/images/Strategic%20plan%20Necg%20copy.jpg
Upload any additional information	View File

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.

NEC Gudur has a well established organizational structure to execute smooth functioning of administrative and academic areas. Various bodies are formulated which constitute the organizational

chart. Governing body is the highest decision making body constituting members from the management, Principal, faculty, members from AICTE, JNTUA, State Government and other nominees from Educational and Industrial sectors. The Governing body approves the various academic and administrative activities of the college.

Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative functions under their purview. The organization has various departments based on specializations like Civil, EEE, ECE, CSE, Mechanical, MBA, MCA, FED, administration, Library, Physical education, TP Cell, Exam Cell etc which are headed by respective HODs. Administrative Officer assists the Principal in the day to day administration of the college.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.necg.ac.in/pdf/organisation.pdf#toolbar=0&navpanes=0
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/pdf/organisation.pdf#toolbar=0&navpanes=0

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	View File

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

Staff will receive a comprehensive group medical policy, coverage for cell phone bills, access to a dispensary facility and a bus facility for convenient commuting. Employees are provided Provident Fund (PF), and corporation (ESIC) benefits along with financial assistance for 5 We are Committed to support our Employee state insurance participation in the Professional Development Program (PDP). We are excited to offer sponsorship for attending paper conferences, along with travel and daily allowance (TA/DA) support. Additionally, we will recognize outstanding educators with a Best Teacher Award (and provide assistance for part time Ph.D studies including Internet and Wi-Fi access. Individual cabin and a computer. Each teaching faculty member will be provided with an enhance workspace and support teaching and research activities. The method of appraising teachers' performance is through feedback from students. The NECG laid down by the UGC has been adapted to represent the specifics and standards of the organization. The Performance Appraisal for teachers is conducted to gain an annual insight for teaching and non-teaching employees. Subsidized medical aid through Narayana General & leave caters to the Medical needs. Benefits like casual leave, sick leave, Academic Leave) disbursed transparently and efficiently for all staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AOAR-2023/criterion-vi/Faculty-Empowerment-Strategies/6.3.1-22-23.pdf#toolbar=0&navpanes=0

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

123

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

123

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

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

20

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Narayana Engineering College (a unit of Narayana Educational Society) ensures that the internal and external audits are conducted. Both audits are done on all the aspects of financial functioning of the institute to ensure that they are carried out in a systematic manner. The institute has a dedicated internal audit team consisting of well qualified and experienced staff

members to carry out internal audit duties. Internal audit team conducts auditing of the Institute's functioning to assure that the set of functions of the institution are carried out in a proper manner. The final internal audit report will be submitted to the Governing body for its approval and ratification.

Apart from the internal audit, the institute engages a reputed firm/agency for conducting the external audit in the institute. Such firm or agency conducts its audit normally once in a financial/ academic year. External audit conducts detailed audit on all the financial dealings carried out in the institute. These both audits' aim and objective is to ensure that all the financial functions are carried out in a very systematic manner in line with policy and procedures laid down by the institute. Both internal and external audits provide transparency in the financial transactions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AOAR-2023/criterion-vi/Financial-Management-and-Resource-Mobilization/6.4.1%20link.pdf#toolbar=0&navpanes=0

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)

565300

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	View File

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

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure

development: The funds are generated through the fees paid by the students. The deficit is managed by taking advance from the parent trust. Additional funding is obtained from funding agencies through Research proposals. These funds are utilized for the research and laboratory development. The Institutional budget is prepared by Principal every year taking into consideration of recurring and non-recurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells are instructed to submit their budget to Principal. All the major financial decisions are taken by the Institute's Governing Body (GB). As and when urgent requirements arise it is given after sanctions received from central office. Financial matters are closely monitored by the accounts office. A statement of accounts containing details of income and expenditure, including budgetary is placed in front of the Finance Committee steered by principal, which has academic committee and governing Body members for further processing.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/AQAR-2023/criterion-vi/Financial-Management-and-Resource-Mobilization/6.4.3%20link.pdf#toolbar=0&navpanes=0

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)

As the college has got its autonomy in AY 2020-21, the institution has revised its first ever autonomous NECR20 and introduced the new Regulations NECR21 from the AY 2021-22. The NECR21 is outcome of great efforts by IQAC by taking feedback on curriculum from stakeholders. By regularly verifying and monitoring the activity points (APP) acquired by the students for participating in activity/events/programs IQAC helped to improve the co-curricular and extracurricular participation of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/IQAC/index.php

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

The institutional reviews of the implementations for various Teaching Learning reforms facilitated through IQAC are described below.

Reform-1: Mandate of ICT Usage

IQAC Review: The use of ICT tools has become an integral part in the teaching -learning process. IQAC always reviews and enforces teachers to utilize these tools in classroom teaching and laboratories.

Outcome: It became a quality mandate to all the teaching staff to include/adopt ICT tool usage plan in their lesson plans.

Reform-2: Micro Lecture Schedules

IQAC Review: Every course teachers have to give a micro lecture delivery plan at the commencement of the semester. IQAC monitors its compliance with academic calendar and enforces effective course delivery.

Outcome: Effective and efficient curriculum delivery within stipulated time and led to better learning outcomes.

Reform-3: Student Feedback

IQAC Review: IQAC has reviewed the teaching learning reforms facilitated through comprehensive performance systems by the following student feedback schemes:

- Feedback on Teaching and Learning Process (TLP)
 - 1. Online Student feedback
 - 2. Student feedback on TLP
- Feedback on Curriculum (Included in NECR20)
- Student Satisfaction Survey (SSS)
- Result Analysis

Outcome: The reports of analysed feedback are submitted to the principal, NECGudur for action taken/appreciation and the same is published in the college website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/stakeholder.php

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.necg.ac.in/AOAR-2023/criterion-vi/Internal-Quality-Assurance-System/ANNUAL%20REPORT%202022-23.pdf#toolbar=0&navpanes=0
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute believes in gender equality and makes effort towards Gender sensitization. The institute included Gender sensitization related ethics and value courses in the curriculum itself, which covers Gender inequality, sexual Harassment, domestic violence

etc.

The institute constituted the following cells which is led by senior and caring Female member:

Women grievance Cell

Women forum

Facilities provided for women are:

Safety and Security:

*As per guidelines of AICTE, for Redressal of sexual harassment at women at workplace, Internal Complaints Committee has been constituted.

*Under capacity skill development the institute organizes Kung Fu, Karate and yoga classes

*Encourages the female students to participate in various gender equity and sensitization promotional activities conducted

state/central government, like downloadingDishaapp.

Counselling:

*Institute encourage faculty to counsel girl students in class to educate about sexual harassment, girls health, anti-ragging, gender equity etc.in cordial and cooperative manner

Common Rooms:

*College maintains hygienic separate rooms for the rest and recreation among girl students.

*The common room has attached washroom and safe sanitary disposal facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/womens-forum.php

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid 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)

The institution have been taken various measures to restrict the generation of waste are Bio degradable plates, steel plates are used instead of plastic plates and steel spoons replace the plastic spoons.

The institute follows practices for handling degradable and non-degradable waste are:

Solid waste management:

- For collecting the solid waste from nook and corner of the campus, substantial numbers of dustbins are installed.
- Most of the waste collected is biodegradable. The minimal amount of non biodegradable is mostly burnt in pits.
- During the autumn season a large quantity of fallen dry leaves are collected and dumped to decompose in a pit which is used as manure for trees and plants.
- Paper waste , scrap and garbage generated are collected separately and are given to the external agencies for recycling

Liquid waste:

- All the liquid waste from washroom, bathroom is given to a

biomedical wash agency having regular pickup service.

- Waste water generated is managed through the Municipal drain system.
- Zero percent leakage of waste water is ensured.

E- Waste management:

The college has minimum e-waste. The waste if any like condemned batteries and damaged computers etc are sold to vendors.

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:

A. Any 4 or All of the above

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

5. Landscaping

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:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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	View File
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,

A. Any 4 or all of the above

mechanized equipment, etc. Provision for enquiry and information: Human 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	View File
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).

The institution has always been in the forefront of sensitizing students to the cultural, regional, linguistic, communal and socio economic diversities of the state and the nation. In pursuit of achieving this goal, institution is undertaking various initiatives such as conducting the birth anniversary of eminent personalities as well as National Festivals.

NSS, NCC and Club activities provide an inclusive environment by bringing students and teachers with diverse backgrounds. These initiatives help in developing tolerance harmony towards cultural, regional, linguistic, communal, and socioeconomic diversities.

Making the courses on Constitution of India and professional ethics mandatory to all UG programs is another initiative which contributes to the above goal. Yoga classes are conducted for staff and students to create awareness on health and physical fitness. Clay Ganesh Idols with germinated seeds are distributed to improve the eco friendly and greenery environment. Awareness program is conducted on elimination of Single Plastic Usage, Water stagnation in coconut shells Tires to avoid mosquito breeding and Swatch Bharat.

Awareness on DISHA App is conducted and an awareness program on Helmet Usage, wearing of seat belt and Prevention of Road Accidents is also conducted to the public.

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:

Individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities comprise our citizens and they are governed and guided by the Constitution irrespective of caste and religion. Accordingly, it becomes necessary to sensitize students and employees about values, rights, duties and responsibilities of citizens. The expected awareness regarding values, rights, duties and responsibilities of citizens is declining among the students day by day. Accordingly, an effort is required by the institutions in this regard. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities from guest speakers. Code of conduct is prepared for students and staff which is to be obeyed by everyone. Moreover, institution conducts awareness programs on the ban on plastics, Swachh Bharat, etc. The institution designed the curriculum with mandatory courses like "Professional ethics and human values", "Constitution of India" to inculcate constitutional obligations among the students. Guest lectures are regularly organized by departments to deliver lectures by prominent people on ethics, values, duties, and responsibilities. Induction program for first year students also gives us an opportunity in inculcating values, rights, duties, and responsibilities. Republic Day is celebrated by organizing activities highlighting the importance of the Indian Constitution

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 A. All of the above

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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The Institution is organizing the following national and international festival days including great Indian leaders birth anniversaries. India is worldwide known for its cultural diversity and colourful festivals. The institute celebrates these days to remember the events or contribution of our leaders in building the Republic nation.

Independence day:

Every year, on this day , our college principal hoists the National flag in the college premises to commemorate Independence Day and addresses the faculty and students. Patriotic presentations by students add colour to the celebrations.

Teacher's day:

Teacher's day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in their particular field/area.

Engineer's day:

The institution conducts Engineers day celebrations every year on 15th September i.e., Sir Mokshagundam Visvesvaraya birth anniversary. During these celebrations, the students are encouraged to exhibit their creative technical models and evaluated by judges from premier organization.

Gandhi Jayanti:

Various competitions are conducted for students in college with ideologies of Gandhi's effort in Indian independence movement as the theme.

Republic day:

Every year, on this day, our college principal hoists the National flag in the college premises to commemorate Republic day.

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

Best Practice- 1 Title of the Practice- Clean Campus and Green Campus Objective-To maintain and beautify lush green gardens all around the campus and to improve energy efficiency on campus. The Context -The campus is located in Gudur. The institute is committed to the green movement and has 25 Acres of campus area with impressive infrastructure to provide a conducive environment for academic activities. **Best Practice- 2 Title of the Practice- Best Student Monitoring Approach Objective-**To bridge the gap between stakeholders and the Institution through regular interaction. The Context- All departments in the Institute do daily phone fall up of absentees after first hour, Conduct parents meeting after I Mid examinations and conduct student counseling for every 15 days by respective mentor.

File Description	Documents
Best practices in the Institutional website	https://www.necg.ac.in/IQAC/best-practise.php
Any other relevant information	https://www.necg.ac.in/IQAC/best-practise.php

7.3 - Institutional Distinctiveness

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

The commitment to ensuring excellent placements for students stands as a defining thrust area for any educational institution. Prioritizing placements means actively bridging the gap between education and industry by equipping students with job-ready skills and fostering strong relationships with employers. Institutions that focus on placements create a pathway where students gain access to meaningful career opportunities aligned with their skills and aspirations.

Successful placement initiatives include robust industry partnerships, hands-on training, and dedicated career services. By emphasizing real-world skill application through internships, mentoring, and workshops, institutions make their students highly competitive in the job market. Career guidance, soft skills training, and resume-building exercises are integral to shaping well-rounded, employable graduates.

Furthermore, the success of placement efforts enhances institutional reputation, drawing in high-caliber students and faculty. Alumni success stories foster a cycle of growth, as well-placed graduates often return as recruiters, strengthening the institution's industry network. Through a focused commitment to excellent placements, institutions not only support individual student success but also contribute to a skilled, competent workforce.!

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 curricula developed have relevance to the regional/national/global developmental needs with well defined learning objectives and outcomes at programme and course level. The department and the institute are guided and monitored in the preparation of course curriculum by two bodies, namely Board of Studies and Academic Council and typically undergoes with the following:

The Institute follows the guidelines issued by the regulatory bodies such as UGC, AICTE, affiliated university JNTUA, Ananthapuramu and Andhra Pradesh State Council of Higher Education (APSCHE) while designing the curricula. The Institution has ensured a systematic procedure for the design, implementation and revision of the curriculum. The Primary objective of the college is to nurture High Quality Engineering Professionals to meet the global needs.

Factors for Curriculum Design: The Curriculum is thoughtfully designed to ensure that the students gain not only the required domain knowledge but also the appropriate skills and attitudes for being globally competitive and workforce-ready. The Curriculum is designed taking the best of the following resources: 1. Curriculum of various reputed Universities 2. Model curriculum as prescribed by the AICTE 3. Expectations of the parents, aspirations of the students & alumni and demand from the industry

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-i/Curriculum-Design-and-Development/1.1_22-23.pdf#toolbar=0&navpanes=0

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

10

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

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

670

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**

41

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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
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 institution is making continuous efforts to integrate cross cutting issues into the curriculum. Apart from enhancing professional competencies these aim to inculcate general competencies.

Gender sensitization is as part of the curriculum by the university, which covers Gender inequality, declining Sex ratio, sexual Harassment, domestic violence etc. Even though it is in syllabus different activities relating to gender issues are conducted by the college through Women's forum. Awareness programmes organized on gender sensitization, girls health, rights of Women, sexual harassment, women's empowerment, gender equity etc.

A course on Environmental Science has been included in the curriculum in II year I Sem and II sem. Students are given inputs for promoting various environmental issues like Natural resources, ecosystems, biodiversity and its conservation, environmental pollution, waste management etc.

A course on Human values and Professional Ethics in Engineering mainly deals with the ethical aspects for the prosperity of organization and for personal development of students. This course explains various steps to lead the life towards holistic and value based living. Even though it is in syllabus different activities like seminars and workshops relating to Human values and professional Ethics/Social values and ethics, are being conducted by the college through HVPE Cell.

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

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

21

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	View File

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

1485

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

848

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.necg.ac.in/stakeholder.php
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://www.necg.ac.in/stakeholder.php
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

644

File Description	Documents
Any additional information	View File
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)

293

File Description	Documents
Any additional information	View File
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.

The institution facilitates special learning, based on the academic capabilities of each student by analyzing their learning levels after admission. Initially, prior to the commencement of the course at the beginning of programme, Intermediate marks are taken into consideration to assess the learning levels of the students. The Faculty analyzes the student through a pre-defined procedure based on intermediate marks and classify them into slow and advanced learners.

Bridge courses are conducted for the first year students at the beginning to enable smooth transition from intermediate to engineering.

Activities for slow learners -

1. Extra classes are taken for the required subjects.
2. Question bank with key is provided, etc

Activities for advanced learners -

1. Special program on C language is conducted.
2. Personality Development Classes, etc

Later from second year onwards, classification of slow learners and advanced learners is based on their performance in the end examination. The following activities are conducted for slow and advanced learners.

Activities for slow learners -

1. The slow learners are encouraged to improve their academic performance through extra attention in class.
2. More assignments are given for practice, etc

Activities for Advanced learners:

1. Additional library facility of issuing extra books.
2. Coding classes for improving coding skills, etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterti-on-ii/Catering-to-Student-Diversity/2.2.1_22-23.pdf#toolbar=0&navpanes=0

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2022	1839	156

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:

The college emphasizes on student-centric approach in teaching learning process like:

Experiential Learning:-

A. Lab Experiments:

The students are taught practically test the concepts that they theoretically learnt in the classroom.

B. Industrial visits and field trips: Conducted to provide students with hands on experience.

C. Internships: During academic semesters students take up internships which gives students an opportunity to apply.

D. Project exhibitions:Conducted through which students make different models and get hands on experience.

E. Participative Learning: The participatory learning activities adopted by the faculty are Active learning methodologies, Project development, etc.

F. Active learning Methods: The Active Learning Methods are planned prior to the commencement of class work. Course Plans give details of activities.

G. Conferences and Symposia : Institute organizes many conferences and symposia, where the students are encouraged to actively participate.

H. Student clubs: In order to pursue the interest in their area of specialization, students' clubs are functional. Some of the students Clubs are hobby and Technical Clubs.

I. Problem solving methodologies: Problem based learning is a student centered pedagogy in which students learn about a subject through the experience of solving an open ended problem given in a class room.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.necg.ac.in/AQAR-2023/critertion-ii/Teaching-Learning-Process/2.3.1_22-23.pdf#toolbar=0&navpanes=0

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

Institution encourages intensive use of ICT tools and online resources for effective teaching learning processes.

In this regard all classrooms, seminar halls, laboratories and auditoriums are equipped with ICT facilities which include LCD projectors, computers with internet connection to make students understand the concepts easily by seeing the technology or concept visually.

All the faculty members has adopted innovative teaching methods to ensure effective learning outcomes.

The ICT facilities and other learning resources are adequately

available in the institution for academic and administrative purposes.

The staff and students have access to technology and information retrieval on current and relevant issues. Faculty members use working models, charts, PPTs, videos, and animations to present the important/difficult theoretical concepts. Faculty also uploads videos, PPTs, tutorials; assignments lecture notes and other relevant materials through LMS (Learning Management System). Faculty members share the learning material which can be accessed by student groups at their leisure.

The Institute subscribes to various online resources like IEEE, Digital Library and DELNET. Faculty members are encouraged to use the NPTEL videos for a better teaching-learning environment.

Institution motivates both students and faculty to register for MOOCS platforms.

The central library of our institution is also equipped with ICT tools.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.necg.ac.in/AQAR-2023/critertion-ii/Teaching-Learning-Process/2.3.2_22-23.pdf#toolbar=0&navpanes=0
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

93

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

First, second and third year students are studying under Autonomous regulations and Final years studying under JNTUA. Our college has to adhere strictly to the Academic Calendar issued by the JNTUA for students studying under JNTUA. University at the beginning of each semester releases the academic calendar. It includes details of different spells of instructions, schedules for mid examinations, preparation and Practical's, End Examinations and they also include commencement date of class work for next semester. Principal convenes CAC meeting with all heads of the departments and prepares an Academic Calendar in line with the university Academic calendar reflecting the activities or events planned by College and Departments.

For students under Autonomous regulations, The Institution releases two different levels of Academic Calendar which are prepared at the beginning of each semester are Institutional Academic Calendar and Departmental Academic Calendar. The Institutional Academic Calendar is released at the beginning of semester by IQAC and Departmental Academic Calendar issued by concerned department. It includes various curricular, co-curricular and extracurricular activities

The institute strictly adheres to the academic calendar in conducting the internal examinations in Theory, Labs, audit courses, Term Work, Career Competent Development, Technical Seminars, Projects etc.

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**

156

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	View File

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

19

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	View File

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

156

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

21

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

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

2

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	View File

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

Narayana Engineering College (Autonomous), Gudur significantly enhances its Examination Management System (EMS) through IT integration and implements comprehensive reforms in the examination procedures and processes including Continuous Internal Assessment (CIA). All the pre and post semester end examination process viz. registration of the students and courses, generation of hall tickets and OMR sheets, evaluation (digital flat form), grading and grade memo generation are implemented through automated software named Bees Bet Plus. This Exam EMS Software is used to ensure efficient handling of examinations, reduce manual errors, and expedite result processing. The Digital Evaluation of External Exam Scripts is also being implemented. The performance of the students in continuous assessment and students' attendance is continuously monitored and updated to the parents periodically through the Student Information System (it is a dynamic web reporting system).

Reforms in Examination Process: ? CCTV surveillance during examinations, ensuring fairness and transparency ? Digital Evaluation is introduced to make assessments are fast, easy,

accurate and highly secure. ? Examination-related documents are equipped with security features to prevent tampering and fraud. ? The Results and Marks are sent to parents via online web portal.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://necgexams.ac.in/ExternalEvaluation n

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

In strict compliance with the objectives of OBE, the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the concerned departments. After attainment of process, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

1. Website
2. Curriculum /regulations books
3. Class rooms
4. Department Notice Boards
5. Laboratories
6. Student Induction Programs
7. Meetings
8. Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, also inform the students and create awareness and emphasize the need to attain the outcomes.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program.

The Course Outcomes are prepared by the course coordinator in

consultation with concerned faculty members teaching the same course.

The POs/PSOs and COs of the programme are published through electronic media at individual Department site located on the college website www.necg.ac.in. In all the interactions with the students, awareness on POs, PSOs and COs is consciously promoted.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.necg.ac.in/AQAR-2023/critertion-ii/Student-Performance-and-Learning-Outcomes/2.6.1_22-23.pdf#toolbar=0&navpanes=0

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

List of Assessment Tools and processes:

Attainment of POs and PSOs is based on direct assessment tool as well as indirect assessment tool.

1. Direct Assessment Tool:

- Direct assessment of POs and PSOs is based on the students' performance in both internal examinations and university examinations for all courses.
- Performance of all the students in different assessments such as internal examinations and university examinations lead to attainment of COs which in turn lead to attainment of POs and PSOs based on the mapping of COs with POs and PSOs.
- Direct Assessment Tool is given 80% weightage in the attainment of POs and PSOs.

2. Indirect Assessment Tools:

- The indirect assessment tools that are used for

attainment of POs and PSOs are

- Graduate Exit Survey (10% weightage)
- Alumni Survey (5% weightage)
- Employer Survey (5% weightage)

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/AQAR-2023/critertion-ii/Student-Performance-and-Learning-Outcomes/2.6.2_22-23.pdf#toolbar=0&navpanes=0

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

331

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	View File
Paste link for the annual report	https://www.necg.ac.in/AQAR-2023/critertion-ii/Student-Performance-and-Learning-Outcomes/2.6.3.pdf#toolbar=0&navpanes=0

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://www.necg.ac.in/AQAR-2023/critertion-ii/Student-Satisfaction-Survey/2.7.1_22-23.pdf#toolbar=0&navpanes=0

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

The Institute has a well-defined policy for promoting and incentivizing research. Research is promoted at department levels through curriculum based undergraduate projects and internship projects. A Research committee was constituted to take care of various issues of research including ethical matters. The committee contains Principal, R&D Coordinator, HOD of respective departments and Subject Experts. Research and Development (R&D) Cell was established in the institute with necessary software and computing facilities for carrying out research activities. R & D cell will receive applications seeking research proposals from the interested faculty and students. The received applications will be scrutinized by the committee and suitable proposals will be granted the seed money.

The institute library is equipped with quality journals, e-journals, e-books from various disciplines. It helps to provide a good platform for quality research. The Institute encourages the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels by reimbursing registration fee/TA/ DA. The institute encourages the faculty by providing incentives for peer reviewed publications, writing books and filing patents. The institute takes care of the patent filing process, which is governed by the Research policy of the institute.

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://www.necg.ac.in/pdf/Policy%20Research.pdf#toolbar=0&navpanes=0
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)

478000

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	View File

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

0

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/r-d-office.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

03

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

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.necg.ac.in/r-d-office.php
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.

The Institution provides a conducive environment for promotion of Innovation and Incubation. The ecosystem for innovations of NEC, Gudur contains the following dedicated cells:

1. Research and Development Cell
2. Entrepreneurship and Development Cell
3. Center for Extension Activities
4. National Service Scheme
5. Innovation incubation Cell
6. Intellectual Property Rights Cell

The institute has developed an ecosystem for innovations by creating research culture, developing industry & research projects and transferring knowledge through custom made programs are:

- Awareness programs, Technical Symposium, Management meets, workshops, Seminars and guest lectures on Entrepreneurship, Research Methodology, Intellectual Property Rights (IPR) etc are organized.
- The Entrepreneurs are invited to address the students and inspire them.
- Code of ethics to ensure quality and legitimate practices in research.

• Faculty and students are encouraged to actively involve in serving the community through extension activities like awareness for environment issues, blood donations, and social issues through various outreach programs under CEA/NSS.

Students are provided facilities to build prototypes and Project Expos are organised for promotion of socio relevant models. Students are awarded cash prizes for best models and encouraged to gain hands-on experience and better Industrial Exposure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/IIIC/

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

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

07

File Description	Documents
URL to the research page on HEI website	https://www.necg.ac.in/r-d-office.php
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

58

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

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

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/papers-published.php

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

00

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

7

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

1199643

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	View File

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

478000

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	View File

3.6 - Extension Activities

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

The institution gives lot of importance to holistic development of students and organized many community development activities during the last five years. Number of students from the institution has taken part in the community service activities, regularly organized through various support systems of the institution, having got sensitized towards social issues. The institute promotes neighborhood network for enabling students to get involved in extension activities. These activities develop students into ideal citizens bearing high moral values and providing community service. To sensitize students,

Cultural and NSS cells play pivotal role. Faculty members of these committees introduce students to various activities throughout the academic year.

Involvement in such Community service activities helps students to become matured and socially responsible. Students are motivated to participate in need based extension activities, such as 'Swachh Bharat ', awareness programs etc. Participation in such activities imbibes sense of national integrity, environmental and social responsibility among students. These activities help to sensitize and inculcate ethical behavior among the students.

Institute arranges health check-up and blood camps in association with other institutes and recognized bodies like Red Cross, Govt. Hospital, Lions club. These lead to emotional, intellectual, social, and inter-personal development of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterion-iii/Extension-Activities/3.6.1_22-23.pdf#toolbar=0&navpanes=0

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

05

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	View File

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)

25

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

2053

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

1432

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

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

52

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.

The Institute continuously strives to create and enhance infrastructure both in terms of buildings and other facilities to provide a good teaching-learning environment.

- Canteen
- Wi-Fi Campus
- Auditorium
- Gym
- Central Library
- Sports Complex
- E-Class Rooms
- Transport / Parking
- Green Audit Campus
- Building Photos
- Institute Photos
- Fire Safety
- Potable Water Supply
- Grid Connected Solar System
- Backup Electric Supply
- Disable-Friendly & Barrier Free Environment
- Dispensary
- Media Cell
- Rain Water Harvesting
- Notice Boards

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterti-on-iv/Physical-Facilities/4.1.1.pdf#toolbar=0&navpanes=0

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

The institute focuses on overall development of the students through participation in co-curricular and extra-curricular activities. Cultural activities are conducted in the seminar

halls, Auditorium and open air theatre of the institution.

Sports and Games

Institute has employed a well-qualified and experienced physical director, who trains and supervises students actively participating in various sports and games activities and competitions. Physical Director trains the students in their chosen games in the time-slot allocated to them. The institute has a spacious and well equipped indoor-sports room, where students can play games like table tennis, chess, caroms etc.

Yoga Centre

The institute has dedicated centre for Yoga and meditation to enable the faculty and students to practice Yoga and meditation for improving their mental and physical health.

Gymnasium

The institute has a dedicated room for Gymnasium with facilities like 8 stationed gym, Treadmill, Cycle, abdominal bench, Twister, bench press, dipping bars, weights, dumbles etc.

Cultural Activities

All the seminar halls and auditorium are provided with adequate facilities to conduct various cultural activities. Cultural activities are conducted in these seminar halls and auditorium on different occasions like fresher's day, farewell day, Annual day and on such other important occasions.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-iv/Physical-Facilities/4.1.2_22-23.pdf#toolbar=0&navpanes=0

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

44

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)

75490793

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 of the institution is equipped with Library Management System services; which is automated through a software program, designed and developed by our own team. ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all in- house operations of the library.

Name of the ILMS Software: Library Management System Software (LMS)

Nature of Automation: Fully Automated

Version: 2.0

Year of automation: 2007

Library Management system (LMS) software with all the functional modules of library management completely implemented

and has the following modules:

1. Cataloging: Bibliographic data, Primary and Search catalogue
2. Circulations or Transactions: Material Transactions, Member Registration, Fine Transaction, Toppers category change, SMS Alerts for Defaulters and Extra Books provision for Final Year Students
3. Reports: Material Search, Book Search on Accession Number, Member, Abstract Material, Title Summary for Material, Transaction Material, Binders, Material Book and Old Transaction Reports
4. Masters: Holidays Master, Barcode Generation and Binder Master
5. Journals: Journals Transaction
6. Graphs: Graph for material/ member transaction
7. Web Online Public Access Catalogue (OPAC): Search by Author, Title, new arrivals and Journals

Library web OPAC link is provided on college website <http://115.241.194.4/ltouchnecng/> to students and faculty for searching library materials.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterti-on-iv/Library-as-a-Learning-Resource/4.2.1_22-23.pdf#toolbar=0&navpanes=0

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)

1249542

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

52374

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

The institute has an IT policy in place which specifies clearly about the procedures to be adopted for all IT facilities that are made available in the campus. Adequate budget allocations are made regularly to establish, maintain, and upgrade these IT facilities. IT facilities include computing systems, Wi-Fi systems, cyber-security, intranet, internet, and all other software necessary for handling these systems as well as

support systems like website, campus management software, library information system, MOOCs, CCTVs, biometric devices, Learning Management System (LMS), online assessments, access to online learning resources. College has a clear policy to create and enhance IT facilities to promote vertical and horizontal mobility for advancement in teaching learning methods and also in Research. The College updates the IT facilities on a regular basis.

Campus is Wi-Fi enabled with high throughput indoor and outdoor Wi-Fi access points and required firewalls. The College has a 24/7 Wi-Fi facility for students and faculty members can avail internet connection in the campus. Enterprise level Next Generation firewall appliances in redundant mode with fully integrated intrusion prevention (IPS), application control, antivirus, web filter, email filter and traffic shaper. Upgradation arrangements on a regular basis are incorporated into yearly budget plan.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-iv/IT-Infrastructure/4.3.1_22-23.pdf#toolbar=0&navpanes=0

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1839	625

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. 750 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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterti-on-iv/IT-Infrastructure/4.3.4_22-23.pdf#toolbar=0&navpanes=0
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)

75490793

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.

Infrastructure Facilities, Maintenance and utilization is carried out with the active support and involvement of in-charges of the concerned department. Maintenance of Civil Works is looked after by the Administrative Officer (AO). He is in-charge for four divisions namely water, sewage, carpentry and

Gardening. Equipment in the Laboratories is maintained by the respective Lab In-Charge(s) as per the guidelines issued by HOD. The Computers and Software are being maintained by the system administrator of CSE department. Electrical maintenance is looked after by the HOD of EEE department and equipment is being maintained by trained technicians. Library is headed by the LIO. The issue and return of books and maintenance of LMS software are carried out by the librarian and supporting staff. Physical education is facilitated by the physical director to train the students. The physical Director makes the play fields ready for Indoor & outdoor games. The college health center is governed by the qualified Medical officer and it is supported by a professional pharmacist and a nurse. The Security system of the college is headed by the AO. Security officer along with security guards control and monitor the college premises.

Detailed information on maintenance is provided in additional information.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/LIBRARY/index.php

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

1051

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

409

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.necg.ac.in/sports/index.php
Details of capability development and schemes	View File
Any additional information	View File

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

305

File Description	Documents
Any additional information	View File
Number of students benefitted 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

A. All of the above

through appropriate committees	
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	View File
5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
258	
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	
26	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File
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	
0	

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

5.3 - Student Participation and Activities

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

9

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

At NECG, the Student Council plays a vital role in the active involvement and participation of students in a variety of institutional activities. The council members contribute significantly by coordinating events related to academics, co-curricular, and extracurricular pursuits, all under the supervision and guidance of the teaching faculty. Their role is not just limited to organizing events but extends to academic and administrative responsibilities as well. With the support of their peers, they engage in a wide range of tasks that aid in the smooth functioning of the institute.

One of the primary objectives of the Student Council is to inspire and motivate other students to actively engage in the numerous activities conducted within the institute. By fostering a culture of participation, the council encourages students to take initiative and involve themselves in academic, cultural, and extracurricular events, thereby enriching their overall experience at NECG.

The Student Council also serves as an important communication link between the student body, faculty, and administration. It functions as a medium through which students can voice their concerns, suggestions, and feedback to the Principal and

faculty, ensuring that there is a seamless flow of information between the different stakeholders of the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-v/Student-Participation-and-Activities/5.3.2.pdf#toolbar=0&navpanes=0

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

21

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

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 institute has established a "Narayana Engineering College Alumni Association" (NECAA) Gudur on 18th December, 2015 under the Society Registration Act, of 2001 with registration No -461/2007. The Alumni committee organizes the Annual Alumni meet yearly once. NECAA organizational structure has President, Vice-President, Secretary, Joint-Secretary, and Treasurer. Alumni Incharge appointed to organize and monitor different activities of the Alumni Association. Alumni share their past and present experiences as well as recalls their memories in the institute with their teachers, juniors, and friends.

Alumni participate and contribute to the development of the institute in the following ways:

- They intimate the current scenario for placements, expectations from the industry, and potential job opportunities.

- Alumni members are invited to deliver guest lectures and also as the resource persons for workshops and seminars on recent trends in technology.
- Alumni feedback is taken periodically to understand the curricular gaps and recent market trends.
- They support in conduction of industrial visits at their organization.
- Alumni provides the sponsorships for different events organized by the institute every year.
- Alumni members actively participate as judges in various technical and non-technical competitions organized by the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/alumni-office.php

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

The empowered team of the college involves Principal, convener of different committees,

Teaching-staff, IQAC committee, non-teaching / supporting staff, student representative, stakeholders, alumni etc.

The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college.

For example, these are IQAC, Examination cell, CEA, NSS, career counseling cell, library and sports committee, cultural and literacy committee, internal examination committee, anti-ragging committee, college-magazine committee, disciplinary committee, grievance redressal committee, R &D cell etc.

All the committees take its responsibility for the plans and activities, and successfully tackle these responsibilities in every academic session.

For academic performance meetings with HoD's and faculty of various departments is done. Also, the teaching-progress is checked monthly by lecture dairy. Principal continuously monitors each room individually by CCTV installed for teaching-class, class room activities, movement of students in veranda and outside of the campus. The perspective plans are implemented by principal with finance committee.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/mission-vision.php

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

Effective leadership is reflected in various institutional practices such as decentralization. Decentralization and operational transparency are the features of the institute.

The institute having been a support for participative management achieved it involving faculty and students. Thus it formed policy of participative management as it forms part of democratic governance. The Governing Body considering the same as a quality promotional policy for the improvement of the institution has accorded to its approval.

The college works as per the rules and regulations framed by JNTUA and governing Body in designing and implementation of the quality policy and plans. The Principal is the Head of the institution and is empowered with sufficient authority and power delegated from the management for smooth functioning of day-to-day activities. Under the direct supervision of

Principal all the departments of the college function. Day-to-day academic activities of the departments are taken care by the HODs..

The college has an Internal Quality Assurance Cell, which includes members from other institutes and senior teachers from the college. IQAC meets at regular intervals and plays an important role in the implementation of its plans and policies.

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://www.necg.ac.in/organisation-chart.php

6.2 - Strategy Development and Deployment

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

NECG understands the purpose of Assessment and Accreditation i.e., to foster the core values within the institute and to provide high-quality education to students by giving training in competent skills with values. One of the strategic goals of NECG is to get accreditation from the National Board of Accreditation (NBA) by assessing our quality and improvement process, this involves several stages: Initial stage, Pre-assessment stage, Assessment stage, and Post-assessment Stage (decision-making). In AY 2022-23 we have completed all the four stages of accreditation process for two programs under Tier II (affiliated college), namely Computer Science and Engineering (CSE) and Electronics and Communications Engineering (ECE), based on the prescribed norms and standards we are following/practicing the above two programs are accredited for 3 years, i.e., 2023 to 2026.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.necg.ac.in/images/Strategic%20plan%20Necg%20copy.jpg
Upload any additional information	View File

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.

NEC Gudur has a well established organizational structure to execute smooth functioning of administrative and academic areas. Various bodies are formulated which constitute the organizational chart. Governing body is the highest decision making body constituting members from the management, Principal, faculty, members from AICTE, JNTUA, State Government and other nominees from Educational and Industrial sectors. The Governing body approves the various academic and administrative activities of the college.

Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative functions under their purview. The organization has various departments based on specializations like Civil, EEE, ECE, CSE, Mechanical, MBA, MCA, FED, administration, Library, Physical education, TP Cell, Exam Cell etc which are headed by respective HODs. Administrative Officer assists the Principal in the day to day administration of the college.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.necg.ac.in/pdf/organisation.pdf#toolbar=0&navpanes=0
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/pdf/organisation.pdf#toolbar=0&navpanes=0

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	View File
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	
<p>Staff will receive a comprehensive group medical policy, coverage for cell phone bills access to a dispensary facility and a bus facility for convenient commuting. employees by providing Provident Fund (PF), and corporation (ESIC) benefits along with financial assistance for 5 We are Committed to support our Employee state insurance participation in the Professional Development Program (PDP). We are excited to offer sponsorship for attending paper conferences, along with travel and daily allowance (TA/DA) support. Additionally, we will recognize outstanding educators with a Best Teacher Award (and provide assistance for part time Ph.D studies including Internet and Wi-Fi access. individual cabin and a computer Each teaching faculty member will be provided with an enhance workspace and support teaching and research activities. system to The method of appraising teachers' performance is through feedback from students. The NECG laid down by the UGC has been adapted to represent the specifics and standards of the organization. The Performance Appraisal for teachers is conducted to gain an annual insight of for teaching and non-teaching employees are subsidized medical aid through Narayana General & leave caters to the Medical needs. benefits like casual leave sick Leave/Academic Leave) disbursed transparently and efficiently for all staff.</p>	

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/critertion-vi/Faculty-Empowerment-Strategies/6.3.1_22-23.pdf#toolbar=0&navpanes=0

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

123

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

123

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

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

20

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Narayana Engineering College (a unit of Narayana Educational Society) ensures that the internal and external audits are conducted. Both audits are done on all the aspects of financial functioning of the institute to ensure that they are carried out in a systematic manner. The institute has a dedicated internal audit team consisting of well qualified and experienced staff members to carry out internal audit duties. Internal audit team conducts auditing of the Institute's functioning to assure that the set of functions of the institution are carried out in a proper manner. The final internal audit report will be submitted to the Governing body for its approval and ratification.

Apart from the internal audit, the institute engages a reputed firm/agency for conducting the external audit in the institute. Such firm or agency conducts its audit normally once in a financial/ academic year. External audit conducts detailed audit on all the financial dealings carried out in the institute. These both audits' aim and objective is to ensure that all the financial functions are carried out in a very systematic manner in line with policy and procedures laid down by the institute. Both internal and external audits provide transparency in the financial transactions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/AQAR-2023/criterti on-vi/Financial-Management-and-Resource-Mobilization/6.4.1%20link.pdf#toolbar=0&navpanes=0

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)

565300

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	View File

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

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development. The funds are generated through the fees paid by the students. The deficit is managed by taking advance from the parent trust. Additional funding is obtained from funding agencies through Research proposals. These funds are utilized for the research and laboratory development. The Institutional budget is prepared by Principal every year taking into consideration of recurring and non-recurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells are instructed to submit their budget to Principal. All the major financial decisions are taken by the Institute's Governing Body (GB). As and when urgent requirements arise it is given after sanctions revived from central office. Financial matters are closely monitored by the accounts office. A statement of accounts containing details of income and expenditure, including budgetary is placed in

front of the Finance Committee steered by principal, which has academic committee and governing Body members for further processing.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/AOAR-2023/critertion-vi/Financial-Management-and-Resource-Mobilization/6.4.3%20link.pdf#toolbar=0&navpanes=0

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)

As the college has got its autonomy in AY 2020-21, the institution has revised its first ever autonomous NECR20 and introduced the new Regulations NECR21 from the AY 2021-22. The NECR21 is outcome of great efforts by IQAC by taking feedback on curriculum from stakeholders. By regularly verifying and monitoring the activity points (APP) acquired by the students for participating in activity/events/programs IQAC helped to improve the co-curricular and extracurricular participation of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/IQAC/index.php

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

The institutional reviews of the implementations for various Teaching Learning reforms facilitated through IQAC are described below.

Reform-1: Mandate of ICT Usage

IQAC Review: The use of ICT tools has become an integral part in the teaching -learning process. IQAC always reviews and enforces teachers to utilize these tools in classroom teaching and laboratories.

Outcome: It became a quality mandate to all the teaching staff to include/adopt ICT tool usage plan in their lesson plans.

Reform-2: Micro Lecture Schedules

IQAC Review: Every course teachers have to give a micro lecture delivery plan at the commencement of the semester. IQAC monitors its compliance with academic calendar and enforces effective course delivery.

Outcome: Effective and efficient curriculum delivery within stipulated time and led to better learning outcomes.

Reform-3: Student Feedback

IQAC Review: IQAC has reviewed the teaching learning reforms facilitated through comprehensive performance systems by the following student feedback schemes:

- Feedback on Teaching and Learning Process (TLP)
 - 1. Online Student feedback
 - 2. Student feedback on TLP
- Feedback on Curriculum (Included in NECR20)
- Student Satisfaction Survey (SSS)
- Result Analysis

Outcome: The reports of analysed feedback are submitted to the principal, NECGudur for action taken/appreciation and the same is published in the college website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.necg.ac.in/stakeholder.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution

A. Any 4 or all of the above

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://www.necg.ac.in/AOAR-2023/criterti-on-vi/Internal-Quality-Assurance-System/ANNUAL%20REPORT%20_2022-23.pdf#toolbar=0&navpanes=0
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute believes in gender equality and makes effort towards Gender sensitization. The institute included Gender sensitization related ethics and value courses in the curriculum itself, which covers Gender inequality, sexual Harassment, domestic violence etc.

The institute constituted the following cells which is led by senior and caring Female member:

Women grievance Cell

Women forum

Facilities provided for women are:

Safety and Security:

*As per guidelines of AICTE, for Redressal of sexual harassment at women at workplace, Internal Complaints Committee has been

constituted.

*Under capacity skill development the institute organizes Kung Fu, Karate and yoga classes

*Encourages the female students to participate in various gender equity and sensitization promotional activities conducted

state/central government, like downloadingDishaapp.

Counselling:

*Institute encourage faculty to counsel girl students in class to educate about sexual harassment, girls health, anti-ragging, gender equity etc.in cordial and cooperative manner

Common Rooms:

*College maintains hygienic separate rooms for the rest and recreation among girl students.

*The common room has attached washroom and safe sanitary disposal facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.necg.ac.in/womens-forum.php

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)

The institution have been taken various measures to restrict the generation of waste are Bio degradable plates, steel plates are used instead of plastic plates and steel spoons replace the plastic spoons.

The institute follows practices for handling degradable and non-degradable waste are:

Solid waste management:

- For collecting the solid waste from nook and corner of the campus, substantial numbers of dustbins are installed.
- Most of the waste collected is biodegradable. The minimal amount of non biodegradable is mostly burnt in pits.
- During the autumn season a large quantity of fallen dry leaves are collected and dumped to decompose in a pit which is used as manure for trees and plants.
- Paper waste , scrap and garbage generated are collected separately and are given to the external agencies for recycling

Liquid waste:

- All the liquid waste from washroom, bathroom is given to a biomedical wash agency having regular pickup service.
- Waste water generated is managed through the Municipal drain system.
- Zero percent leakage of waste water is ensured.

E- Waste management:

The college has minimum e-waste. The waste if any like condemned batteries and damaged computers etc are sold to vendors.

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	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

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	View File
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).

The institution has always been in the forefront of sensitizing students to the cultural, regional, linguistic, communal and socio economic diversities of the state and the nation. In pursuit of achieving this goal, institution is undertaking various initiatives such as conducting the birth anniversary of eminent personalities as well as National Festivals.

NSS, NCC and Club activities provide an inclusive environment by bringing students and teachers with diverse backgrounds. These initiatives help in developing tolerance harmony towards cultural, regional, linguistic, communal, and socioeconomic diversities.

Making the courses on Constitution of India and professional ethics mandatory to all UG programs is another initiative which contributes to the above goal. Yoga classes are conducted for staff and students to create awareness on health and physical fitness. Clay Ganesh Idols with germinated seeds are distributed to improve the eco friendly and greenery environment. Awareness program is conducted on elimination of Single Plastic Usage, Water stagnation in coconut shells Tires to avoid mosquito breeding and Swatch Bharat.

Awareness on DISHA App is conducted and an awareness program on Helmet Usage, wearing of seat belt and Prevention of Road Accidents is also conducted to the public.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
<p>7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:</p> <p>Individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities comprise our citizens and they are governed and guided by the Constitution irrespective of caste and religion. Accordingly, it becomes necessary to sensitize students and employees about values, rights, duties and responsibilities of citizens. The expected awareness regarding values, rights, duties and responsibilities of citizens is declining among the students day by day. Accordingly, an effort is required by the institutions in this regard. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities from guest speakers. Code of conduct is prepared for students and staff which is to be obeyed by everyone. Moreover, institution conducts awareness programs on the ban on plastics, Swachh Bharat, etc. The institution designed the curriculum with mandatory courses like "Professional ethics and human values", "Constitution of India" to inculcate constitutional obligations among the students. Guest lectures are regularly organized by departments to deliver lectures by prominent people on ethics, values, duties, and responsibilities. Induction program for first year students also gives us an opportunity in inculcating values, rights, duties, and responsibilities. Republic Day is celebrated by organizing activities highlighting the importance of the Indian Constitution</p>	
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,	A. All of the above

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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The Institution is organizing the following national and international festival days including great Indian leaders birth anniversaries. India is worldwide known for its cultural diversity and colourful festivals. The institute celebrates these days to remember the events or contribution of our leaders in building the Republic nation.

Independence day:

Every year, on this day , our college principal hoists the National flag in the college premises to commemorate Independence Day and addresses the faculty and students. Patriotic presentations by students add colour to the celebrations.

Teacher's day:

Teacher's day is a special day for the appreciation of teachers, and may include celebrations to honor them for their

special contributions in their particular field/area.

Engineer's day:

The institution conducts Engineers day celebrations every year on 15th September i.e., Sir Mokshagundam Visvesvaraya birth anniversary. During these celebrations, the students are encouraged to exhibit their creative technical models and evaluated by judges from premier organization.

Gandhi Jayanti:

Various competitions are conducted for students in college with ideologies of Gandhi's effort in Indian independence movement as the theme.

Republic day:

Every year, on this day, our college principal hoists the National flag in the college premises to commemorate Republic day.

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

Best Practice- 1 Title of the Practice- Clean Campus and Green Campus Objective-To maintain and beautify lush green gardens all around the campus and to improve energy efficiency on campus. The Context -The campus is located in Gudur. The institute is committed to the green movement and has 25 Acres of campus area with impressive infrastructure to provide a conducive environment for academic activities.

Best Practice- 2 Title of the Practice- Best Student Monitoring Approach Objective-To bridge the gap between stakeholders and the

Institution through regular interaction. The Context- All departments in the Institute do daily phone fall up of absentees after first hour, Conduct parents meeting after I Mid examinations and conduct student counseling for every 15 days by respective mentor.

File Description	Documents
Best practices in the Institutional website	https://www.necg.ac.in/IOAC/best-practise.php
Any other relevant information	https://www.necg.ac.in/IOAC/best-practise.php

7.3 - Institutional Distinctiveness

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

The commitment to ensuring excellent placements for students stands as a defining thrust area for any educational institution. Prioritizing placements means actively bridging the gap between education and industry by equipping students with job-ready skills and fostering strong relationships with employers. Institutions that focus on placements create a pathway where students gain access to meaningful career opportunities aligned with their skills and aspirations.

Successful placement initiatives include robust industry partnerships, hands-on training, and dedicated career services. By emphasizing real-world skill application through internships, mentoring, and workshops, institutions make their students highly competitive in the job market. Career guidance, soft skills training, and resume-building exercises are integral to shaping well-rounded, employable graduates.

Furthermore, the success of placement efforts enhances institutional reputation, drawing in high-caliber students and faculty. Alumni success stories foster a cycle of growth, as well-placed graduates often return as recruiters, strengthening the institution's industry network. Through a focused commitment to excellent placements, institutions not only support individual student success but also contribute to a skilled, competent workforce.!

File Description	Documents
Appropriate link in the institutional website	https://www.necg.ac.in/industrial-collaboration.php
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

To improve exposure and inculcate an entrepreneurial mindset in the students and faculty in Science Technology and Management. ? To encourage faculty, to register for Ph.D. and increase their research aptitude through participation in seminars, workshops and conferences. ? To introduce new courses and remain relevant to the changing needs of the stakeholders. ? To obtain better NIRF ranking. ? To enter into MOUs with prestigious corporate and industry associations. ? To encourage faculty to undertake consultancy assignments. ? To encourage faculty to organise faculty improvement programs, national and international conferences. ? To continue the organization extension activities for the benefit of the society and to create awareness on various social issues. ? To give additional thrust to campus placement initiatives.