YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Nagarjuna institute of Engineering Technology and Management
• Name of the Head of the institution	Dr S.M. Kelo
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9579850363
• Mobile No:	9421818770
• Registered e-mail	maitrey.ngp@gmail.com
• Alternate e-mail	principalnietm@gmail.com
• Address	Satnavari, Amravati Road Nagpur,
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440023
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	**Rashtrashant Tukdoji Maharaj Nagpur University, Nagpur**
• Name of the IQAC Coordinator	**Dr. M.K. Rahangdale**
• Phone No.	**9579850361**
• Alternate phone No.	**9579850362**
• Mobile	**9049472992**
• IQAC e-mail address	**mkrahangdale1234@gmail.com**
• Alternate e-mail address	**mkrahangdale1234@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://nietm.in/wp-content/uploads/2022/12/2019-20_AQAR_report.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://nietm.in/wp-content/uploads/2023/01/Academic-Calender-20-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**C**	**1.92**	**2018**	**08/02/2019**	**07/02/2024**

6.Date of Establishment of IQAC	**01/02/2017**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**NA**	**NA**	**NA**	**NA**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

11. Significant contributions made by IQAC during the current year (maximum five bullets) 1. Motivate all the department to organize webinars/seminars with Industry Linkage. All the heads of the departments were also motivated to organize International conference / FDP/STTP with foreign delegates. 2. Academic Monitoring and Audit in each session for academic excellence is directed to be implemented. 3.Feedback of faculty from students and taking action for improvement for teaching learning process. 4. Motivate the departments to organise webinar/seminar by well known Academic Faculty. 5. Institute prepared Feedback Policy 2020-21 considering Student Satisfaction Survey and feedback from all stakeholders for continuous improvement of the Institute.

12.Plan of action chalked out by the IQAC in 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
Implementation of Management Information System	The Institute procured MIS software, trained the faculties and implemented it successfully in the academic year. It has significantly improved the Institute's overall academic system and its database management for effective monitoring and control of academic endeavors.

Standardized recruitment guidelines	With standardized recruitment guidelines the complete process of recruitment was regulated in a well organized manner and has also enhanced transparency in the process to identify, recruit & retain the highly qualified, experienced, talented professionals.
Revision of Institute's Feedback Policy	Institute feedback policy was revised with introduction of Student Satisfaction Survey and other feedbacks in line with NAAC's revised framework and has definitely helped the Institute in enhancing its quality in all the spheres.
Conduction of internal administrative audits for system improvement.	Internal administrative audits were conducted for Accounts/Finance/Procurement/Stores, Admin, Students Section, Medical Facility & Safety, Infrastructure & house keeping and security at the end of the year. This has significantly enhanced the administrative system of the Institute.
Institutional planning accordance to revised NAAC guidelines	The roles and responsibilities were assigned to the concerned departments to carry out the activities as per the plan and maintain its records/proofs. It has aligned the Institute's happenings with NAAC and has significantly improved database management in relation to it.

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
College Management comittee	10/11/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	11/02/2022

15.Multidisciplinary / interdisciplinary

Education with Multidisciplinary components is an academic and pedagogical approach to develop multiple capacities in the intellectual, aesthetic, social, physical, emotional, and moral domains, among the students inside and outside the classroom, by integrating formal and informal learning opportunities and teaching, research and community engagements and promoting cross-disciplinary and interdisciplinary perspectives and academic practice. NEP 2020 suggests that the colleges will be "gradually phasing out the system of 'affiliated colleges' over a period of fifteen years" i.e. by 2035. The phasing out of the system of 'affiliated colleges' shall be supported by the mentoring of the affiliated colleges by the respective affiliating university. We have mooted this to implement in our institution and various steps have been taken including attending seminars and conferences related to NEP, identifying bench marks from various institutions for multidisciplinary courses and closely following the norms and regulations of the affiliating university.

16.Academic bank of credits (ABC):

As per the UGC Notification on University Grants Commission Notification (28th July, 2021) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the Student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution. Academic Bank of Credits shall be established, on the lines of the National Academic Depository shall have a dynamic website providing all details of Academic Bank of Credits and its operational mechanism for the use of all stakeholder of higher education. Academic Bank of Credits is essentially a credit-based, and highly flexible, student centric facility. Our institution has been in the process of getting approval to apply for registration with Academic Bank of Credits from statutory

authorities such as Governing Council, Academic Council and university authorities. Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.

17.Skill development:

Integrating vocational education with general education is the most promising way to provide for holistic development of the students, equipping them with knowledge, skills and competencies which would prepare them for life and work. We have identified to collaborate with industries for internship to expose the students to the work environment and get the experience of hands-on practice. We are in the process of developing some bridge courses of varying duration depending on the pre-requirements of the course a student intends to move to horizontally.

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

NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the Multilanguage multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestoral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on'Indian Constitution and Traditional Knowledge' for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of Club, competitions are being regularly conducted in the regional language on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India.

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

The Institute switched over to Outcome Based Education (OBE) in year to impart education through student centric approach and follow outcome oriented teaching learning process. Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG and PG programs. Programme Outcomes (POs) represent the graduate attributes formulated as per

Washington Accord and adopted by National Board of Accreditation. Programme Specific Outcomes (PSOs) are specifically defined outcomes of the programme which the graduates have to acquire by the end of the programme. Program Outcomes (POs), Program Specific Outcomes (PSOs) of all the UG and PG Programmes have been disseminated to the stake holders.

20.Distance education/online education:

There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching and Learning to partly classroom partly online TeachingLearning. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. We encourage our students and faculty to register and write examinations under SWAYAM-NPTEL for several years. Students can take up full time internship in suitable industries. This doubly benefits the students to acquire skills required by the industry and also a favorable career opportunity.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**253**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**581**

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**120**

File Description	Documents
Data Template	[View File]()

2.3 Number of outgoing/ final year students during the year	**110**

File Description	Documents
Data Template	[View File]()

3.Academic

3.1 Number of full time teachers during the year	**48**

File Description	Documents
Data Template	[View File]()

3.2 Number of Sanctioned posts during the year	**48**

File Description	Documents
Data Template	[View File]()

4.Institution

4.1 Total number of Classrooms and Seminar halls	**19**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**375**
4.3 Total number of computers on campus for academic purposes	**256**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The Institute ensures effective curriculum delivery through a planned and documented process. Nagarjuna Institute of Engineering, Technology and Management, Nagpur is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur. Institute follows curriculum, Academic Calendar provided by RTMNU. Curriculum is delivered by systematic Implementation plan. Action plan for implementation of curriculum is prepared by Dean (Academics) with Head of the institute. Dean (Academics) proposes Institute Academic Calendar in-line with University Academic Calendar. Teaching workload is prepared by all Head of the departments. The faculty members based on their domain area choose the subjects in the syllabus. Accordingly, Time Table in- charge prepares the time table and notifies to all respective faculty members in department. Work load of theory and practical is specified and informed to HOD and Principal of the institute. New changes in syllabus which include theory marks and internal marks are informed to the students. Continuous Internal Evaluation for academic studies of students is measured and evaluated through Attendance, Quiz, Group discussion and Unit wise test,. Mid Term Semester Test, Multiple Objective Questions, Assignments and Pre-University Test.

Practical comprises of Attendance, Practical execution performance, Model making, Viva-voice, Practical journal submission.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Nagarjuna Institute of Engineering, Technology and Management is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University ensures effective curriculum delivery through a planned and documented process. The institute follows curriculum (Syllabus/Course and Examination Scheme) and Academic calendar provided by RTMNU, Nagpur. Progress of students is monitored and evaluated through a Continuous Internal Evaluation (CIE). This evaluation comprises of attendance class, Unit wise test, Quiz, Surprise test, Mid Semester test, Objective test, Assignments, Submission of assignments based on

single unit. The Practical comprises of attendance, attendance in virtual experiments, Practical execution performance, Viva-Voice, Practical Journal submission, Submission of models prepared during performance of practical. Principal and HOD monitor the academic progress, review and take feedback from students for effective learning of subject. Students are asked to utilize resources available in library like reference books, old question papers, journals, online E books, tutorials, NPTL videos, E-Shiksha website of University and other educational resources available in the institute. Group discussions, preparation of reports and power point presentations on selected topic is asked to students for preparation in interviews.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

5

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

196

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

196

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Nagarjuna Institute of Engineering, Technology and Management, Nagpur affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur offers more than one course that integrates crosscutting values relevant to professional ethics, gender human values, environment and sustainability into the curriculum in the under graduates engineering programs. Focus on one course that integrates issues related to either Gender, or environment, human values, professional ethics courses. 'Environmental Studies 'has been added. Focus is on topics related to climate change, disaster management, noise pollution and solid waste management. The institute in the campus is making continuous plantations of various varieties all around the campus. All programs are based on Choice Based Credit System and including internship from 2020-21 and Second year onwards, Open electives as multidisciplinary education, professional domain area electives and Advanced professional electives for curriculum enrichment.

List of some courses

Sr. No Course Name Branch Semester Subject

1

BESE1-

All Branches

I Humanities, Social Sciences,Management courses

2

BSE2-8T

All Branches

II

Indian Culture &Constitution

3

HSMC

CSE

III

Universal Human Values

4

BE3S4T

CSE

III

Ethics in IT

5

BE3S7T

CSE

III

Environmental Science

6

BEME405T

MECH

IV

Professional Ethics

7

BEME507P

MECH

V

Performing Art

8

BECVE403T

CIVIL

IV

Environmental Engineering

9

BECVE504T

CIVIL

V

Professional Practice, Law & Ethics

10

BECSE310T

CSE

III

Functional English

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<u>View File</u>

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

253

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

274

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni   **A. All of the above**

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

240

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

57

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

We have a streamlined mechanism for continuous monitoring andevaluation of the students. We are considering some special grade factors for identifying the level of students. This system helps to

identify slow learners & advance learners.

Students are identified based on:

1. Slow learners and Advance learners are separated by evaluating the score or percentage of HSSC/MHTCET / JEE / Poly final year /last university examination having 50 % weightage.

2. Slow learners and Advance learners are differentiated on the basis of score in Class Test I or Sessional examination-I conducted by all department for the entire students, having 50% weightage. Presently, we modified the same system by considering and including one special grade factor, the special grade factor is to perform objective test for the entire students by all the departments, on the basis of test score, slow learners and advance learners are identified.

Strategies adopted for facilitating Slow Learners: (Having score below 50 %)

1. Students having score below 50% are assigned to a faculty as mentor, the personal and academic care of such students is taken by the corresponding mentors.

2. The counselors

3. Mentors

4. revising important concepts and extra assignments.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
581	**48**

File Description	Documents
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

1. Regular Teaching Techniques:

Class Room Lectures & E- Learning Resources: Classroom lectures interspersed with discussion, resource for sound understanding, fundamentals, design and implementation. Generally teaching is carried out with conventional green-board and through PPTs using LCD projectors for explanation and visualization.

2. Experiential learning:

Experiential learning supports students in applying their knowledge understanding to real-world problems in a formal guided manner.

3. Participative learning:

The students of our college are made to participate in different brain-storming activities and case studies by consultation with field experts. Group discussions, Technical Quizzes, Debates are conducted and students are motivated to participate in these activities. As the students come with different opinions and thought processes, the learning process gets justified in the argue mental way.

4. Problem Solving Methods

Assignments on various topics are given regularly to increaseengagement with subject and its understanding. Case studies and Mini projects:

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

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Institute follows ICT enabled teaching in addition to the chalk and talk method of teaching in classroom. Teachers using ICT for effective teaching with LMS & E-learning resources etc. The use of

multimedia teaching aids like, LCD projectors, interactive digital board/computer/laptops, IT enabled learning tools such as PPT, Video (DELNET & NPTEL) & Audio, online sources systems are usually use to expose the students for advanced knowledge and practical learning. Departments conduct seminars, workshops and guest lectures on the new developments in the core subjects for effective teaching and learning by the faculty members and students in each semester. Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks and webinars are conducted in seminar hall using ICT facilities.

Internet and Wi-Fi facility is made available to all the students of institute at free of charge. You-Tube, E-mails, Whatsapp group, Zoom, Google meet, Webex app and Google classrooms are used as platforms to communication, provide material and syllabus, make announcements, conduct tests, address queries, mentor to share information.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

48

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

48

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

4

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

240

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessment in college is so transparent that every student has an idea about the standard internal evaluation process of the theory /practical subjects. The institute follows the regulations of RTM Nagpur University and internal assessment is carried out in a systematic manner for theory, practical and project work. The RTMNU has two set of Programs i.e. BE(CBS) & BTech (CBCS) from new curriculum (2020-21). The Assessment of BE (CBS) pattern is of 80:20 ration which consists of theory and internal assessment marks, whereas in BTech (CBCS) it is 70:30 theory examination and internal assessment marks. It also consists of Practical which includes 25 marks internal and 25marks external as well. The evaluation of practical is based on their performance and viva voice in which technical questionnaire is carried as a practice. The evaluation is based on the regular co-curricular activities as per the academic calendar such as test, assignments, mini projects, sessional examination &seminars etc. The College organizes orientation programs for students to make them acquainted with the rules and regulations of the affiliating university, examinations, evaluation process, and extra-curricular activities etc.

All examinations are conducted as per academic calendar. All examination Marks will be displayed in the department notice boards in advance.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Examination related grievances are handled by the mentor to make it time bound, transparent and efficient. All the examinations are conducted as per academic calendar. The Institute follows open evaluation system where the examination answer copies are shown to students, the examination marks and experimental grades are displayed on notice boards and the same information is informed to the parents. If the students have any queries then they approach the mentor, the mentor tries to find the solution. The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet. The answer sheet of such student is assessed by the faculty once again in the presence of the student. Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the

faculty members. If the matter still remains unsolved, students and mentor can always approach Head of the Department who solves the matter in consultation with higher authorities if required, the internal marks and grades are to be submitted on-line within a stipulated time frame. Thus, the process of sorting out grievance becomes time-bound and transparent. If the students faced problems in university examination form submission, issue of admission card or any discrepancy in university result, then the students can approach to mentor and the mentor handled the same in an effective way.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute at central level, while finalizing the learning outcomes considers remarks of representative of all stakeholders which includes staff and students.

Students Awareness: Program Outcomes (POs), Program Specific outcomes (PSOs), Program educational Objectives (PEOs) and course outcomes (COs) are published and disseminated through various medias such as display boards in the corridors, laboratories, HOD cabin, institute website etc. Also, all the outcomes are disseminated to the stakeholders through parents meet and alumni meet.

Staff Awareness: Special brain storming sessions are arranged and staff takes active participation in these sessions for further modification and to understand the concept of learning outcomes. Learning outcomes are disseminated through display board, circulars, pamphlets etc.

Outcomes: Vision and Mission Statements of department were defined by involving the different levels of outcomes. Outcomes are the abilities the students acquire at the end of the program. Outcomes provide the basis for an effective interaction among stakeholders ·It is the results-oriented thinking and is the opposite of output-based education where the emphasis is on the educational process and where we are happy to accept whatever is the result" .

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	**Nil**
Upload COs for all courses (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of the Course Outcomes

The course outcomes are measured through syllabus, completion of syllabus, continuous evaluation (internal evaluation) and setting up of question paper, evaluation, and result.

At the Departmental level the Heads of the Department and the teachers who are engaged in any class strive to complete the courses in time and in some cases extra classes are conducted for the students who they identify as relatively average. The 75 percent of compulsory attendance to qualify for writing the examination of the courses is adhered to, to ensure students participation in the class. The attendance is also tied with marks. In the NIETM of the teacher complete data of the students who are taking that teacher's course is provided, so that the teacher can keep apprising the student about their progress. The continuous evaluation is done through tests, quizzes, written assignments, presentation of papers, oral presentations, and field work and so on. The end semester examination of every course is based on written examination of three hours, the question paper of which is required to test the knowledge of the student from every unit prescribed for study.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

114

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

https://nietm.in/wp-content/uploads/2022/12/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	[View File](#)
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

8

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

2

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

2

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

NIETM gives high importance to holistic development and societal needs by motivating students and conducting many activities focusing on social issues during last five years. Extension programmes like NSS have been made an integral part of the curriculum to encourage students to participate in community building processes. Social outreach programmes like camps, rallies and awareness/training programmes are organized to sensitize various sections of the society on Institutional Social Responsibility. National Service Scheme (NSS): The NSS has carried out various activities like SDRF camp for life saving activities and unforeseen pandemic situations, SDRF scamp for students and faculty, Camps for Sapling Plantation, Awareness programs like Mask Awareness, Cleaning Awareness, Vaccination Awareness, field works for Grocery distribution were conducted. NSS volunteers have organized an Yoga Programme to inculcate the importance of Yoga to maintain healthy life among the school students and have themselves involved in the "Drug addiction" Awareness Programme". NSS brings together the people through services like donating personal protective equipments like masks, sanitizers and hand gloves to social workers during COVID pandemic. Programs for providing food, grocery items to old age homes and needy were also organized.

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

3.3.2 - Number of awards and recognitions received for extension activities from government /

government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

270

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

7

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

2

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

The institution is located on Amravati road, near Satnavari Village, Nagpur. Nagarjuna Institute of Engineering Technology & Management has excellent infrastructural facilities spread over 10.36 acre area. The infrastructure comprises of Administrative building, Departments building, Central computing center,well-furnished classrooms, Auditorium, library, canteen, Hostel, Gym, Power supply system ,water supply etc. The institute is constantly infusing adequate capital to support teaching learning process. The Institution has 3 seminar halls with 100 seated capacity and 1 auditorium with 200 seated capacity. Smart classrooms, seminar halls and many of the laboratories are equipped with ICT facilities.

All the class rooms, seminar halls and many of the laboratories are ICT enabled with e-learning facilities. Well-equipped laboratories are available in the institution for effective conduction of laboratory courses. The details of T-L physical facilities available are:

Number of Class Rooms: 16

Number of Laboratories: 36

Number of Seminar Halls: 03

Number of Workshops: 01

Number of Computer Centers: 01

Number of Language Labs: 03

Number of Auditoriums: 01

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

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

The institute gives adequate importance to sports and games. The institute believes in developing the personalities of the learners which will give positive vibes to the society. Apart from intellectual quotient the institute pays equal attention to spiritual quotient of the learners. Adequate capital injection into the development of infra for sports, cultural events and yoga practices are the pioneering USPs of the institute. The institute encourages the organization of cultural and sports activities that stimulate growth, development and retention of students in a contemporary and safe environment that develops fitness and wellness, social interaction and leadership opportunities.

The institute has 17000 m2 of land for playfields with all required facilities is available for outdoor games like Athletics, Cricket, Football, Hockey, Kabaddi, and Kho-Kho. Separate Volley ball, Basket- ball courts are also available. Facility for indoor games like Chess, Carom etc. is also provided in campus. The department of Physical Education has enough facilities for both outdoor and indoor games. The college has 560 m2 for indoor games and for outdoor games. Yoga / Meditation centre is also available. Institute provides a 50 capacity for Yoga & Meditation Center.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

20

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

503.927

File Description	Documents
Upload any additional information	[View File](#)
Upload audited utilization statements	**No File Uploaded**
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

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

NIETM Central Library has a spacious built-up area of 300 sq.mtr with a sitting capacity of 150 students with a qualified senior Library-in-Charge, Asst. Librarian, and supporting staff. The Library works from Monday to Saturday 10:00 AM to 5.00 PM. The Library has 1651 titles with 12606 volumes of books and Journals (96), E-Books (466) and also print newspapers & magazines, CD-ROMs Books, Project Book. The central library is equipped with different types of learning resources. It also has reprographic facilities. Library uses Online Public Access Catalogue (WEB OPAC) to access library facilities through digital Library. It enables students to access remotely e-journals. The college provides a book-lending scheme to the students with a full set of text books.

The Central Library of the College is well furnished in accordance

with the AICTE norms. Well-equipped and computerized, rendering services for effective and efficient operational use. Web OPAC (Online Public Access Catalog) facility is made available to know the Bibliographical details about the collection. One separate node is made available in the Central Library for OPAC facility the library. User can search y collection by giving Title, Author and domain.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

8.554

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for

online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

54

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college campus has a well-established state of the art IT infrastructure and facilities. The campus infrastructure was established with more than 50 mbps speed internet connection by Ishaan Net sol with Wi-Fi support. Other IT services also included biometric devices, Learning Management System (LMS), online assessments, access to online learning resources and so on. The College Campus has 24 hours power backup and standby facilities to provide 24/7 services. The institute has a separate system administration department to purchase, maintain and support entire I.T. infrastructure facilities like computer hardware, software, Wi-Fi and cyber securities, etc.

Options:

A.>= 50MBPS

?

B.30- 50MBPS

?

C. 10-30MBPS

?

D.10-5MBPS

?

E.<= 5MBPS

?

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

4.3.2 - Number of Computers

225

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution   **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

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

513.8

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

There is a centralized quality control committee which known by a "Maintenance engineer's and skilled technician's" under the head of Dr. Sanjay Kelo Sir (Principal). This section takes care of the maintenance of infrastructural physical facilities which includes plumbing works, electrical, carpentry, masonry and sewage works as well as an academic maintenance of Laboratory, Library and for administration. For this purpose committee has formed which include head of departments and along with one technical staff and one non-technical staff from each department. The committee receives maintenance requirements from the departments and other sections undertakes the necessary work following internal operating procedures under the directions given by the concerned head of the department. The housekeeping work of the college has been outsourced. An in-house System Administrator and a technician are appointed for the purpose of Maintenance of the building, computers and equipment. An electrician is appointed to supervise the well-being of electrical fixtures and electrical connections in the college. The college library has reprographic services and other essential services. ICT learning resources are available in the college. The committee ensure the quality of physical, academic and support facilities twice in year before start of new semester.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

555

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

27

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

550

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

550

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

46

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government

examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Institute has well established student representative council (SRC) which organizes the various co-curricular and extracurricular activities for overall development of the students at the Institute Level. Every department has its own departmental forums which organizes regular activities at its levels. These council and forums are professionally organized, managed and owned by the student's community. Department Level Committees: The Committees are: MESA,CESA, EESA, CSESA. The Student Council selection process is conducted by inviting applications from the students for the posts of President, Vice President, Ladies representative and Class

representatives, The Class Representatives from each is selected based on academic merit in the preceding examination. Following are the roles and responsibilities of the Students association and Students council. Role of the Students association and Students council.

1. To officially represent all the students in the College.

2. To identify and help solve problems encountered by students in the College.

3. To promote and encourage the involvement of students in organizing Curricular , Co-curricular, Extra Curricular and Extension activities.

Responsibilities Students association and Students council.

1. lo promote the interests of students among the college administration, staff and parents.

2. To inform students about any subject of concerns.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

7

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

No.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Vision of the Institution:

- **To develop a knowledge based society with clarity of thought. Come forward to learn, go forth to serve and excel in academics.**
- **To achieve excellent standards of quality education by keeping**

pace with rapidly changing technologies and create technical manpower of global standards with capabilities of accepting new challenges.

The Mission of the Institute:

1. **To be the premier institute for promoting & pursuing multidisciplinary engineering.**
2. **Attain a significant educational presence in the region.**
3. **Develop a community of scholars with talent and expertise that will participate in engineering excellence and national development.**
4. **Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders. Our strength is directed to create competent professionals. Our endeavor is to provide all possible support to promote research and development activities.**

Perspective Plans:

- **The institute plans for enhancing the quality of Teaching-Learning by forming advisory committee consisting of experienced professors and associate professors who can guide the junior faculty members and also by providing different online and offline communication platforms where the faculty and students can share their views and experiences with everyone in a very easy way and can also suggest some new methodologies.**

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Nagarjuna Institute of Engineering Technology and Management believe in decentralization of administration and transparency of governance. The NIETM has a practice of participative management at all levels of decision making. It gives all employees and stakeholders a chance to be involved in the decision-making process. All issues are debated and decisions are taken based on the suggestions of several Statutory and Non-Statutory committees, which

include teaching and non-teaching personnel, students, parents, alumni, and the employer, among others. The Management representative also adopts a practical way of giving responsibilities to a person to enhance the leadership capabilities. To ensure the institute's smooth operation, all members meet on a regular basis to debate and take the required actions to design and implement the institution's strategic plan

Academic Decentralization:-At the faculty and department levels, there are bodies such as the Board of Studies, Academic Committee, Research Committee, and others that work together to make academic and research-related decisions. The participatory nature of Institute management is reflected in the composition of these organizations. Academic Monitoring Committee (AMC) , AMC is centralized committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth uniform conduction of academics throughout the institute.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching and Learning:-The planning and organization of the online teaching, learning and evaluation scheduled for all the programs in each discipline is done by the Dean Academics respective and Heads of Departments. For effective teaching learning process, online teaching is encouraged with the use of power point presentations, NPTEL lectures etc. In order to provide ample academic flexibility to teachers students self-learning topics, mini projects are given to students .Also various guest lectures, seminars, workshops, Industrial visits, skill enhancement programs are conducted for students for developing their technical skills .Based on this, suggestions feedbacks are obtained from students Stakeholders which are analyzed and used for continuous improvement.

Library, ICT and Physical Infrastructure / Instrumentation:-Library has adequate volumes for all the departments. Digital library facilities with adequate online journals. National and International online journals are also provided. Library administrations like issue / return of books are maintained through library software.

Every year, updated volumes of books are procured based on the requirements from all the departments. Every class has one compulsory library hour / week for permitting the students to access the reference books and journals which augments the learning process.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

The institution was established in the year 2009 to begin with institute offered four basic fundamental engineering programs that is Batcher of Engineering in MechanicalEngineering, Computer science &Engineering, CivilEngineering and Electrical Engineering.

The institute has its own management committee, the board of governor consist of chairman secretory.

The policies and procedure on academic matter are taken care of academic council it consist of principal as chairman dean academics and all the head of departments .Each department of institute is headed by head department.

Taking the guidance from principal and boarded of studies which formulates the curriculum for the under graduate programs .The composition of board of studies include experts from academia and industry support facilities are provided for smooth functioning of the institute by finance administration and learning resource center.

Various committees such as anti-ragging women's grievances and R&D committee, financecommittee, all this committees are formed at institute level involving the faculties, student representative and HODs. All this committees are headed by Principal of institution.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the Institution webpage	**Nil**
Upload any additional information	<u>View File</u>

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)Document	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<u>View File</u>

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Following is the list of welfare measures for Teaching Faculty:

- **Duty Leave for attending Seminars, Conferences and Workshops.**

For encouraging the faculty towards research and development, the management permits the employees to attend national and international conferences, seminars, and workshops by sanctioning them duty leave. Reimbursement of claim for attending conference/FDP/STTP/Workshop, Membership fee for professional society for teaching staff and Incentives to faculty for award/recognition.

- **Free transportation/Bus Facility**

The free bus facility is available for teaching and non-teaching staff and students also.

- **Grant of Maternity Leaves to female staff.**

College renders a maternity leave to eligible lady staff as per the rules of the government.

- **Insurance facility to teaching and non-teaching staff.**

Institution provide free insurance policy to all teaching and non-teaching staff.

- **Centralize reprographic facility (Xerox).**

- **Facility of free Wi-Fi in campus.**

- **Subsidized canteen facility**

- **Health Checkup Camp**

Free Book facility

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

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

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

3

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	*View File*
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	*View File*

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

35

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	*View File*
Details of teachers attending professional development programmes during the year (Data Template)	*View File*

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The performance-based appraisal (PBAS) is done at the end of every

academic year. The PBAS is on the basis of confidential reports and parameters mentioned in the prescribed format for performance appraisal like engaging lectures, attendance of the students, student's result, class room planning and control, laboratory works, guidance and counseling, contribution to examination-paper settings, evaluations, learning resource development, participation in seminar/ training, co-curricular activities, portfolios handled.

The head of department submits the self-appraisal form with his remark to Principal. The principal evaluates the information furnished in self-appraisal form thoroughly for corrective measures to be suggested for improvement in performance.

The performance appraisal for non-Teaching is done on the basis of his attendance, understanding, discipline, devotion, punctuality, honesty and integrity, initiatives, efficiency observed.

The head of the department furnishes his/her observation and submits the form to the principal with his remark. The principal goes through the report submitted by Head of department and endows his remarks. The principal initiates corrective measures, where necessary, for improvement in performance.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal and external Audits in the Institute are conducted with the objective of fact findings. The accounts of the college are maintained and audited regularly by the Chartered Accountant. The institute has computerized its financial management system and all the accounts are managed by the tally software.

All the details of income and expenditure are stored with the help of tally software. All the financial statements and pay sheets are prepared using the computer. The C.A undertakes internal and external audit. The financial documents and receipts are produced for scrutiny and all that is needful regarding the maintenance of

accounts is completed within stipulated period of time. The Institute has been appointing internal and external auditors annually. The institute's major sources of receipts/funding are the students' tuition fees provided by government of Maharashtra.

An Internal Audit Team has been appointed by the Institution inside the organization to go through regular Review and Vouching of everyday transactions, Physical Verification of Fixed Assets, Review and reporting on the Internal controls and its adequacy and check on Statutory Compliances. This procedure is employed to evaluate an organization's functioning or the accomplishment of a process.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	[View File](#)
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Institute has very effective strategies for mobilization of funds and optimal utilization of financial resources. The Principal of the College ensures that expenses are incurred for the purpose of implementing institutional plans. For any requirement for major equipments of laboratories of various courses, books for library or any other major items, requisition is submitted to the Chairman and Secretary of the Maitrey educational society (MES) duly signed by Principal and Vice-Principal. Quotations are then invited from

various vendors. Their quotations are evaluated, comparative statement is prepared, vendors are called for personal discussion and after comparing all aspects from various vendors, orders are placed. This ensures that right equipments are purchased at the most competitive prices. Further, accounts of the institution are subject to regular audit. Also, budget is prepared at the beginning of the year and submitted to the governing body of the MES, Nagpur for final approval and actual expenses incurred during the year are compared with the budget of a particular financial year and any major variation is discussed by the Page 69/84 03-08-2018 01:48:50 Self Study Report of principal with the Hon. Chairman and Secretary of the society.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

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. The Internal Quality Assurance Cell (IQAC) of the institute has been trying to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

Examples of best practices institutionalized as a result of IQAC initiatives as follows.

1)Academic audit of Department

IQAC has its objective on the conduction of academic review at department level as well as at institute level at least once in a semester before formation of the curriculum, extensive feedback from all the stack holders including parents, alumni, industry persons and students are taken and their comments are incorporated into the curriculum as far as practicable.

Objective:

To update the subject file, lab file and other activity as per academic plan.

To assess the academic calendar for conduct of continuous internal evaluation

Feedback System: Under the guidance of IQAC and academic coordinator feedback analysis done and need of improvement should be done for the faculties lagging in feedback were suggested to the head of institution.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Teaching plans are prepared for an odd & even semester which are get verified and checked at different stages in accordance with the syllabus and scheme of examination given by RTMNU, Nagpur. With the support from the qualified, trained and experienced faculty members facilitates the teaching-learning process. Along with the classroom studies, students are encouraged to use library and internet facilities available in the institute. The records and logs of daily instructions delivered, classes and practical are conducted and other Co-curricular activities performed are maintained by the faculty members. The extra lecture for slow learners, seminar, workshops, expert lectures from industry resource persons are properly informed and recorded to concerned authorities. The review is taken on regular basis for the effectiveness of teaching-learning process.

The institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are based on the following two examples:

1. Students feedback

2. Results of Internal tests

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	[View File](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[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

Gender equity prevents violence against women and girls. It's essential for economic prosperity. Societies that value women and men as equal are safer and healthier. The Nagarjuna Institute of Engineering, Technology & Management (NIETM) always ensures fairness of treatment for women and men, according to their respective needs. This may include equal treatment or treatment that is different, but which is considered equivalent in terms of rights, benefits, obligations, and opportunities. Nagarjuna Institute of Engineering, Technology & Management women's Grievance Redressal Cell celebrates International Women's Day, celebrates the achievements of women. The institute encourages Self Defence & Fitness Program for Girls. The

institute has already arranged two sessions to train faculty members and students to understand better safety strategies in place to deal with potential assault or abuse and Secure Safety. Nagarjuna Institute of Engineering, Technology & Management always gives importance to safe guard and promotes well-being of all women employees of the organization. The institute takes care of all complaints on sexual harassment of women at workplace and appropriate action taken for the complaints. The Grievance Cell is responsible for looking into any complaints filed by students & staff about women grievance and another for the students.

File Description	Documents
Annual gender sensitization action plan	https://nietm.in/wp-content/uploads/2022/12/7.1.1.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://nietm.in/wp-content/uploads/2022/11/internal_complaint_committee.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

There are different types of wastes disposed of in the college for which there is a proper system functioning. The following wastes are being disposed by the college.

Solid waste management

Separate dust-bins are provided for collecting dry and wet garbage. The cleaning services in the campus are outsourced. The garbage is collected by housekeeping personnel everyday and it is properly disposed off into the dustbins. The waste is segregated at the source itself by providing separate dustbins for Bio-degradable and plastic waste.

E-Waste management

The used computer and other used equipments are used for practical purposes in order to explain the students the parts of the product which they study in their theory lectures and in the worst condition they are safely disposed off.

NIETM volunteers to donate USED COMPUTERS to needy educational institutes, schools and non-profit making organizations to promote the safe reuse of IT equipment and reduce E-waste. The request application along with the full profile of the school / institution may reach the Administrative Officer (Mail: maitrey.ngp@gmail.com Phone: 9421818770/9049472992) on or before 27/08/2021.

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

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
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives 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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5.

A. Any 4 or all of the above

Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of
reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. The college and its teacher and staff jointly celebrate the cultural and regional festivals, like New-year's day, Student induction program, teacher's day, orientation and farewell program, Induction program, rally, plantation, Youth day, Women's day, International Yoga day, Swami Vivekananda Jayanti day, Independence day and Republic day festivals and Diwali celebration, Annual social gathering ULHAS, New Year celebration, etc. religious ritual activities are performed in the campus. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

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

The college strongly supports to sensitization of students and employees towards the constitutional values, rights, duties and responsibilities. For this different subjects are introduced by RTM Nagpur University for the student. Some of the subjects are Environment and Sustainability, Communication Skill, Indian Constitution, Ancient Indian History, Yoga and meditation and Professional Ethics. Under these subjects students will get awareness about concept of culture and civilization, applied humanities and social engineering, sustainable development, professional ethics and organizational behavioral dynamics leadership in industry. Also Indian constitutional and Federal system, fundamental rights and directives principles. Institute strictly adheres to the CODE OF ETHICS which is already displayed on college website (www.nietm.in)and it is strictly implemented. Along with this different programs were also organized to show responsibilities of the citizens.

NAGARJUNA INSTITUTE OF ENGINEERING, TECHNOLOGY AND MANAGEMENT, NAGPUR

The National Service Scheme unit of NIETM (Nagarjuna Institute of Engineering, Technology and Management, Nagpur) celebrates the Constitution Day on 26th November, 2021 to commemorate the adoption of the Constitution of India. This event was organized by the volunteers of NSS unit of NIETM. This event will not only motivate towards "Guiding Principles of our Constitution" but also provide the opportunity to learn about the significance of the Constitution to our present-day youth.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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   4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

The Nagarjuna College of Engineering Technology & Management celebrates National and International days enthusiastically every year. The faculty member along with supporting staff and students gather in the college to celebrate these days. Every culture has number of festivals and celebration has become a vital activity. Celebration of cultural and constitutional festivals is integral part of college co-curricular activities. Throughout session different days are celebrated by students with guidance of teachers which help them to know about different cultures and to cognitively imagine India as a nation. The academic calendar is brimming with important events which show enthusiasm of this institution in celebrating many national as well as international days and

festivals. Independence Day on 15th August is celebrated every Year. Flag hoisting is organized and is celebrated to mark freedom of India.

International Women day is also celebrated in our college on 8th March every year. International Yoga day is also celebrated on 21st June every year in the college. The birth anniversary of Sir M Visvesvaraya is celebrated as Engineer's Dayon 15 September every year. The Constitution Day is celebrated on 26th November every year by our institute.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	**No File Uploaded**
Any other relevant information	[View File](#)

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practices -I Title of the Practice: Financial Aid to the deserving students by the college Objectives of the Practice To motivate the students coming from rural, remote and tribal areas with low economic background. To save them from discontinuation of their studies owing to poverty. To support financially all the deserving poor students without any discrimination of caste and creed. To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students. The expected outcome is that the students should be able to complete their degrees with good marks. The beneficiaries should treat the needy with the principle of 'lend a helping hand without discrimination.' Best Practices-II 1. Title of the Practice: In view of pandemic situation academic development of the students is given priority by developing suitable e-contents for theory as well as practical course. 2. Objectives of the Practice

- Promote generation of e-content in all the courses.
- Encourage teachers to prepare and deliver through e-contents.
- Make available the e-content to students using available platforms as well as its delivery through formal and non-formal modes of education, for supplementing and complementing

the process of teaching and learning in higher education

File Description	Documents
Best practices in the Institutional web site	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The biggest challenge the institute had after its inception was to enhance learning adaptability of its students. The institute has students with rural background and most of them belongs to tribal area of Vidarbha region.

The methodology involves the process as appended below.

1. It is believed that every person has basically three types of learning styles Auditory, Visual and Kinaesthetic. Therefore, first step in this process involves to evaluate the learning style of each student. This has been done by using DMIT (Dermatoglyphic Multiple Intelligence Test).

2. It has been observed that most of the institute students have dominant Kinaesthetic style of learning. In this style, the students learn by practices or physical touch. Therefore, the second step involves development of teaching tools which is mostly models or 3-D animation videos. The institute has developed library of these types of teaching aids which are used to teach the students using Kinaesthetic style.

3. Teachers are the most important component in success of this methodology and therefore the institute has conducted and regularly conducting training program and seminars to trained teachers of this way of teaching.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The Institute ensures effective curriculum delivery through a planned and documented process. Nagarjuna Institute of Engineering, Technology and Management, Nagpur is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur. Institute follows curriculum, Academic Calendar provided by RTMNU. Curriculum is delivered by systematic Implementation plan. Action plan for implementation of curriculum is prepared by Dean (Academics) with Head of the institute. Dean (Academics) proposes Institute Academic Calendar in-line with University Academic Calendar. Teaching workload is prepared by all Head of the departments. The faculty members based on their domain area choose the subjects in the syllabus. Accordingly, Time Table in-charge prepares the time table and notifies to all respective faculty members in department. Work load of theory and practical is specified and informed to HOD and Principal of the institute. New changes in syllabus which include theory marks and internal marks are informed to the students. Continuous Internal Evaluation for academic studies of students is measured and evaluated through Attendance, Quiz, Group discussion and Unit wise test,. Mid Term Semester Test, Multiple Objective Questions, Assignments and Pre-University Test.

Practical comprises of Attendance, Practical execution performance, Model making, Viva-voice, Practical journal submission.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Nagarjuna Institute of Engineering, Technology and Management is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University

ensures effective curriculum delivery through a planned and documented process. The institute follows curriculum (Syllabus/Course and Examination Scheme) and Academic calendar provided by RTMNU, Nagpur. Progress of students is monitored and evaluated through a Continuous Internal Evaluation (CIE). This evaluation comprises of attendance class, Unit wise test, Quiz, Surprise test, Mid Semester test, Objective test, Assignments, Submission of assignments based on single unit. The Practical comprises of attendance, attendance in virtual experiments, Practical execution performance, Viva-Voice, Practical Journal submission, Submission of models prepared during performance of practical. Principal and HOD monitor the academic progress, review and take feedback from students for effective learning of subject. Students are asked to utilize resources available in library like reference books, old question papers, journals, online E books, tutorials, NPTL videos, E-Shiksha website of University and other educational resources available in the institute. Group discussions, preparation of reports and power point presentations on selected topic is asked to students for preparation in interviews.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

5

File Description	Documents
Any additional information	[View File](#)
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	[View File](#)

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

196

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

```
196
```

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

```
The Nagarjuna Institute of Engineering, Technology and
Management, Nagpur affiliated to Rashtrasant Tukdoji Maharaj
Nagpur University, Nagpur offers more than one course that
integrates crosscutting values relevant to professional ethics,
gender human values, environment and sustainability into the
curriculum in the under graduates engineering programs. Focus on
one course that integrates issues related to either Gender, or
environment, human values, professional ethics courses.
'Environmental Studies 'has been added. Focus is on topics
related to climate change, disaster management, noise pollution
and solid waste management. The institute in the campus is making
continuous plantations of various varieties all around the
campus. All programs are based on Choice Based Credit System and
including internship from 2020-21 and Second year onwards, Open
electives as multidisciplinary education, professional domain
area electives and Advanced professional electives for curriculum
enrichment.

List of some courses

Sr. No Course Name Branch Semester Subject

1

BESE1-

All Branches

I Humanities, Social Sciences,Management courses

2
```

BSE2-8T

All Branches

II

Indian Culture &Constitution

3

HSMC

CSE

III

Universal Human Values

4

BE3S4T

CSE

III

Ethics in IT

5

BE3S7T

CSE

III

Environmental Science

6

BEME405T

MECH

IV

Professional Ethics

7

BEME507P

MECH

V

Performing Art

8

BECVE403T

CIVIL

IV

Environmental Engineering

9

BECVE504T

CIVIL

V

Professional Practice, Law & Ethics

10

BECSE310T

CSE

III

Functional English

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

253

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

274

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

240

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

57

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

We have a streamlined mechanism for continuous monitoring andevaluation of the students. We are considering some special grade factors for identifying the level of students. This system helps to identify slow learners & advance learners.

Students are identified based on:

1. Slow learners and Advance learners are separated by evaluating the score or percentage of HSSC/MHTCET / JEE / Poly final year /last university examination having 50 % weightage.

2. Slow learners and Advance learners are differentiated on the basis of score in Class Test I or Sessional examination-I conducted by all department for the entire students, having 50% weightage. Presently, we modified the same system by considering and including one special grade factor, the special grade factor is to perform objective test for the entire students by all the departments, on the basis of test score, slow learners and advance learners are identified.

Strategies adopted for facilitating Slow Learners: (Having score below 50 %)

1. Students having score below 50% are assigned to a faculty as mentor, the personal and academic care of such students is taken by the corresponding mentors.

2. The counselors

3. Mentors

4. revising important concepts and extra assignments.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
581	**48**

File Description	Documents
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

1. Regular Teaching Techniques:

Class Room Lectures & E- Learning Resources: Classroom lectures interspersed with discussion, resource for sound understanding, fundamentals, design and implementation. Generally teaching is carried out with conventional green-board and through PPTs using LCD projectors for explanation and visualization.

2. Experiential learning:

Experiential learning supports students in applying their knowledge understanding to real-world problems in a formal guided manner.

3. Participative learning:

The students of our college are made to participate in different brain-storming activities and case studies by consultation with field experts. Group discussions, Technical Quizzes, Debates are conducted and students are motivated to participate in these activities. As the students come with different opinions and thought processes, the learning process gets justified in the argue mental way.

4. Problem Solving Methods

Assignments on various topics are given regularly to increaseengagement with subject and its understanding. Case studies and Mini projects:

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

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Institute follows ICT enabled teaching in addition to the chalk and talk method of teaching in classroom. Teachers using ICT for effective teaching with LMS & E-learning resources etc. The use of multimedia teaching aids like, LCD projectors, interactive digital board/computer/laptops, IT enabled learning tools such as PPT, Video (DELNET & NPTEL) & Audio, online sources systems are usually use to expose the students for advanced knowledge and practical learning. Departments conduct seminars, workshops and guest lectures on the new developments in the core subjects for effective teaching and learning by the faculty members and students in each semester. Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks and webinars are conducted in seminar hall using ICT facilities.

Internet and Wi-Fi facility is made available to all the students of institute at free of charge. You-Tube, E-mails, Whatsapp group, Zoom, Google meet, Webex app and Google classrooms are used as platforms to communication, provide material and syllabus, make announcements, conduct tests, address queries, mentor to share information.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**Nil**

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

48

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

48

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

4

File Description	Documents
Any additional information	[View File](#)
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	[View File](#)

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

240

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessment in college is so transparent that every student has an idea about the standard internal evaluation process of the theory /practical subjects. The institute follows the regulations of RTM Nagpur University and internal assessment is carried out in a systematic manner for theory, practical and project work. The RTMNU has two set of Programs i.e. BE(CBS) & BTech (CBCS) from new curriculum (2020-21). The Assessment of BE (CBS) pattern is of 80:20 ration which consists of theory and internal assessment marks, whereas in BTech (CBCS) it is 70:30 theory examination and internal assessment marks. It also consists of Practical which includes 25 marks internal and 25marks external as well. The evaluation of practical is based on their performance and viva voice in which technical questionnaire is carried as a practice. The evaluation is based on the regular co-curricular activities as per the academic calendar such as test, assignments, mini projects, sessional examination &seminars etc. The College organizes orientation programs for students to make them acquainted with the rules and regulations of the affiliating university, examinations, evaluation process, and extra-curricular activities etc.

All examinations are conducted as per academic calendar. All examination Marks will be displayed in the department notice boards in advance.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Examination related grievances are handled by the mentor to make it time bound, transparent and efficient. All the examinations are conducted as per academic calendar. The Institute follows open evaluation system where the examination answer copies are shown to students, the examination marks and experimental grades are displayed on notice boards and the same information is informed to the parents. If the students have any queries then they approach the mentor, the mentor tries to find the solution. The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet. The answer sheet of such student is assessed by the faculty once again in the presence of the student. Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members. If the matter still remains unsolved, students and mentor can always approach Head of the Department who solves the matter in consultation with higher authorities if required, the internal marks and grades are to be submitted on-line within a stipulated time frame. Thus, the process of sorting out grievance becomes time-bound and transparent. If the students faced problems in university examination form submission, issue of admission card or any discrepancy in university result, then the students can approach to mentor and the mentor handled the same in an effective way.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute at central level, while finalizing the learning outcomes considers remarks of representative of all stakeholders

which includes staff and students.

Students Awareness: Program Outcomes (POs), Program Specific outcomes (PSOs), Program educational Objectives (PEOs) and course outcomes (COs) are published and disseminated through various medias such as display boards in the corridors, laboratories, HOD cabin, institute website etc. Also, all the outcomes are disseminated to the stakeholders through parents meet and alumni meet.

Staff Awareness: Special brain storming sessions are arranged and staff takes active participation in these sessions for further modification and to understand the concept of learning outcomes. Learning outcomes are disseminated through display board, circulars, pamphlets etc.

Outcomes: Vision and Mission Statements of department were defined by involving the different levels of outcomes. Outcomes are the abilities the students acquire at the end of the program. Outcomes provide the basis for an effective interaction among stakeholders ·It is the results-oriented thinking and is the opposite of output-based education where the emphasis is on the educational process and where we are happy to accept whatever is the result" .

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of the Course Outcomes

The course outcomes are measured through syllabus, completion of syllabus, continuous evaluation (internal evaluation) and setting up of question paper, evaluation, and result.

At the Departmental level the Heads of the Department and the teachers who are engaged in any class strive to complete the courses in time and in some cases extra classes are conducted for the students who they identify as relatively average. The 75

percent of compulsory attendance to qualify for writing the examination of the courses is adhered to, to ensure students participation in the class. The attendance is also tied with marks. In the NIETM of the teacher complete data of the students who are taking that teacher's course is provided, so that the teacher can keep apprising the student about their progress. The continuous evaluation is done through tests, quizzes, written assignments, presentation of papers, oral presentations, and field work and so on. The end semester examination of every course is based on written examination of three hours, the question paper of which is required to test the knowledge of the student from every unit prescribed for study.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

114

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://nietm.in/wp-content/uploads/2022/12/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	*View File*
e-copies of the grant award letters for sponsored research projects /endowments	*View File*
List of endowments / projects with details of grants(Data Template)	*View File*

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	*View File*
Any additional information	*View File*
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

8

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

2

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

2

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

NIETM gives high importance to holistic development and societal needs by motivating students and conducting many activities

focusing on social issues during last five years. Extension programmes like NSS have been made an integral part of the curriculum to encourage students to participate in community building processes. Social outreach programmes like camps, rallies and awareness/training programmes are organized to sensitize various sections of the society on Institutional Social Responsibility. National Service Scheme (NSS): The NSS has carried out various activities like SDRF camp for life saving activities and unforeseen pandemic situations, SDRF scamp for students and faculty, Camps for Sapling Plantation, Awareness programs like Mask Awareness, Cleaning Awareness, Vaccination Awareness, field works for Grocery distribution were conducted. NSS volunteers have organized an Yoga Programme to inculcate the importance of Yoga to maintain healthy life among the school students and have themselves involved in the "Drug addiction" Awareness Programme". NSS brings together the people through services like donating personal protective equipments like masks, sanitizers and hand gloves to social workers during COVID pandemic. Programs for providing food, grocery items to old age homes and needy were also organized.

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

1

File Description	Documents
Any additional information	[View File](#)
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	[View File](#)

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

270

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File](#)

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

7

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

2

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

The institution is located on Amravati road, near Satnavari Village, Nagpur. Nagarjuna Institute of Engineering Technology & Management has excellent infrastructural facilities spread over 10.36 acre area. The infrastructure comprises of Administrative building, Departments building, Central computing center,well-furnished classrooms, Auditorium, library, canteen, Hostel, Gym, Power supply system ,water supply etc. The institute is constantly infusing adequate capital to support teaching learning process. The Institution has 3 seminar halls with 100 seated capacity and 1 auditorium with 200 seated capacity. Smart classrooms, seminar halls and many of the laboratories are equipped with ICT facilities.

All the class rooms, seminar halls and many of the laboratories are ICT enabled with e-learning facilities. Well-equipped laboratories are available in the institution for effective conduction of laboratory courses. The details of T-L physical facilities available are:

Number of Class Rooms: 16

Number of Laboratories: 36

Number of Seminar Halls: 03

Number of Workshops: 01

Number of Computer Centers: 01

Number of Language Labs: 03

Number of Auditoriums: 01

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

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

The institute gives adequate importance to sports and games. The institute believes in developing the personalities of the learners which will give positive vibes to the society. Apart from intellectual quotient the institute pays equal attention to spiritual quotient of the learners. Adequate capital injection into the development of infra for sports, cultural events and yoga practices are the pioneering USPs of the institute. The institute encourages the organization of cultural and sports activities that stimulate growth, development and retention of students in a contemporary and safe environment that develops fitness and wellness, social interaction and leadership opportunities.

The institute has 17000 m2 of land for playfields with all required facilities is available for outdoor games like

Athletics, Cricket, Football, Hockey, Kabaddi, and Kho-Kho. Separate Volley ball, Basket- ball courts are also available. Facility for indoor games like Chess, Carom etc. is also provided in campus. The department of Physical Education has enough facilities for both outdoor and indoor games. The college has 560 m2 for indoor games and for outdoor games. Yoga / Meditation centre is also available. Institute provides a 50 capacity for Yoga & Meditation Center.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

20

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

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

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

503.927

File Description	Documents
Upload any additional information	[View File](#)
Upload audited utilization statements	**No File Uploaded**
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

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

NIETM Central Library has a spacious built-up area of 300 sq.mtr with a sitting capacity of 150 students with a qualified senior Library-in-Charge, Asst. Librarian, and supporting staff. The Library works from Monday to Saturday 10:00 AM to 5.00 PM. The Library has 1651 titles with 12606 volumes of books and Journals (96), E-Books (466) and also print newspapers & magazines, CD-ROMs Books, Project Book. The central library is equipped with different types of learning resources. It also has reprographic facilities. Library uses Online Public Access Catalogue (WEB OPAC) to access library facilities through digital Library. It enables students to access remotely e-journals. The college provides a book-lending scheme to the students with a full set of text books.

The Central Library of the College is well furnished in accordance with the AICTE norms. Well-equipped and computerized, rendering services for effective and efficient operational use. Web OPAC (Online Public Access Catalog) facility is made available to know the Bibliographical details about the collection. One separate node is made available in the Central Library for OPAC facility the library. User can search y collection by giving Title, Author and domain.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-	**A. Any 4 or more of the above**

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

8.554

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

54

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college campus has a well-established state of the art IT

infrastructure and facilities. The campus infrastructure was
established with more than 50 mbps speed internet connection by
Ishaan Net sol with Wi-Fi support. Other IT services also
included biometric devices, Learning Management System (LMS),
online assessments, access to online learning resources and so
on. The College Campus has 24 hours power backup and standby
facilities to provide 24/7 services. The institute has a separate
system administration department to purchase, maintain and
support entire I.T. infrastructure facilities like computer
hardware, software, Wi-Fi and cyber securities, etc.

Options:

A.>= 50MBPS

?

B.30- 50MBPS

?

C. 10-30MBPS

?

D.10-5MBPS

?

E.<= 5MBPS

?

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

4.3.2 - Number of Computers

225

File Description	Documents
Upload any additional information	View File
Student – computer ratio	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

513.8

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

There is a centralized quality control committee which known by a "Maintenance engineer's and skilled technician's" under the head of Dr. Sanjay Kelo Sir (Principal). This section takes care of the maintenance of infrastructural physical facilities which includes plumbing works, electrical, carpentry, masonry and sewage works as well as an academic maintenance of Laboratory, Library and for administration. For this purpose committee has

formed which include head of departments and along with one technical staff and one non-technical staff from each department. The committee receives maintenance requirements from the departments and other sections undertakes the necessary work following internal operating procedures under the directions given by the concerned head of the department. The housekeeping work of the college has been outsourced. An in-house System Administrator and a technician are appointed for the purpose of Maintenance of the building, computers and equipment. An electrician is appointed to supervise the well-being of electrical fixtures and electrical connections in the college. The college library has reprographic services and other essential services. ICT learning resources are available in the college. The committee ensure the quality of physical, academic and support facilities twice in year before start of new semester.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

555

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

27

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

550

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

550

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View File](#)
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

46

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Institute has well established student representative council (SRC) which organizes the various co-curricular and extracurricular activities for overall development of the students at the Institute Level. Every department has its own departmental forums which organizes regular activities at its levels. These council and forums are professionally organized, managed and owned by the student's community. Department Level Committees: The Committees are: MESA,CESA, EESA, CSESA. The Student Council selection process is conducted by inviting applications from the students for the posts of President, Vice President, Ladies representative and Class representatives, The Class Representatives from each is selected based on academic merit in the preceding examination. Following are the roles and responsibilities of the Students association and Students council. Role of the Students association and Students council.

1. To officially represent all the students in the College.

2. To identify and help solve problems encountered by students in the College.

3. To promote and encourage the involvement of students in organizing Curricular , Co-curricular, Extra Curricular and Extension activities.

Responsibilities Students association and Students council.

1. lo promote the interests of students among the college administration, staff and parents.

2. To inform students about any subject of concerns.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

7

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

No.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Vision of the Institution:

- To develop a knowledge based society with clarity of thought. Come forward to learn, go forth to serve and excel in academics.
- To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and create technical manpower of global standards with capabilities of accepting new challenges.

The Mission of the Institute:

1. To be the premier institute for promoting & pursuing multidisciplinary engineering.
2. Attain a significant educational presence in the region.
3. Develop a community of scholars with talent and expertise that will participate in engineering excellence and national development.
4. Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders. Our strength is directed to create competent professionals. Our endeavor is to provide all possible support to promote research and development activities.

Perspective Plans:

- The institute plans for enhancing the quality of Teaching-Learning by forming advisory committee consisting of experienced professors and associate professors who can guide the junior faculty members and also by providing different online and offline communication platforms where the faculty and students can share their views and experiences with everyone in a very easy way and can also suggest some new methodologies.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Nagarjuna Institute of Engineering Technology and Management believe in decentralization of administration and transparency of governance. The NIETM has a practice of participative management at all levels of decision making. It gives all employees and stakeholders a chance to be involved in the decision-making process. All issues are debated and decisions are taken based on the suggestions of several Statutory and Non-Statutory committees, which include teaching and non-teaching personnel, students, parents, alumni, and the employer, among others. The Management representative also adopts a practical way of giving responsibilities to a person to enhance the leadership capabilities. To ensure the institute's smooth operation, all members meet on a regular basis to debate and take the required actions to design and implement the institution's strategic plan

Academic Decentralization:-At the faculty and department levels, there are bodies such as the Board of Studies, Academic Committee, Research Committee, and others that work together to make academic and research-related decisions. The participatory nature of Institute management is reflected in the composition of these organizations. Academic Monitoring Committee (AMC) , AMC is centralized committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth uniform conduct of academics throughout the institute.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching and Learning:-The planning and organization of the online teaching, learning and evaluation scheduled for all the programs in each discipline is done by the Dean Academics respective and Heads of Departments. For effective teaching learning process, online teaching is encouraged with the use of power point presentations, NPTEL lectures etc. In order to provide ample academic flexibility to teachers students self-learning topics, mini projects are given to students .Also various guest lectures, seminars, workshops, Industrial visits, skill enhancement programs are conducted for students for developing their technical skills .Based on this, suggestions feedbacks are obtained from students Stakeholders which are analyzed and used for continuous improvement.

Library, ICT and Physical Infrastructure / Instrumentation:-Library has adequate volumes for all the departments. Digital library facilities with adequate online journals. National and International online journals are also provided. Library administrations like issue / return of books are maintained through library software. Every year, updated volumes of books are procured based on the requirements from all the departments. Every class has one compulsory library hour / week for permitting the students to access the reference books and journals which augments the learning process.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

The institution was established in the year 2009 to begin with institute offered four basic fundamental engineering programs that is Batcher of Engineering in MechanicalEngineering, Computer science &Engineering, CivilEngineering and Electrical Engineering.

The institute has its own management committee, the board of governor consist of chairman secretory.

The policies and procedure on academic matter are taken care of academic council it consist of principal as chairman dean academics and all the head of departments .Each department of institute is headed by head department.

Taking the guidance from principal and boarded of studies which formulates the curriculum for the under graduate programs .The composition of board of studies include experts from academia and industry support facilities are provided for smooth functioning of the institute by finance administration and learning resource center.

Various committees such as anti-ragging women's grievances and R&D committee, financecommittee, all this committees are formed at institute level involving the faculties, student representative and HODs. All this committees are headed by Principal of institution.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the Institution webpage	**Nil**
Upload any additional information	<u>View File</u>

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)Document	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<u>View File</u>

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Following is the list of welfare measures for Teaching Faculty:

- **Duty Leave for attending Seminars, Conferences and Workshops.**

For encouraging the faculty towards research and development, the management permits the employees to attend national and international conferences, seminars, and workshops by sanctioning them duty leave. Reimbursement of claim for attending conference/FDP/STTP/Workshop, Membership fee for professional society for teaching staff and Incentives to faculty for award/recognition.

- **Free transportation/Bus Facility**

The free bus facility is available for teaching and non-teaching staff and students also.

- **Grant of Maternity Leaves to female staff.**

College renders a maternity leave to eligible lady staff as per the rules of the government.

- **Insurance facility to teaching and non-teaching staff.**

Institution provide free insurance policy to all teaching and non-teaching staff.

- **Centralize reprographic facility (Xerox).**

- **Facility of free Wi-Fi in campus.**

- **Subsidized canteen facility**

- **Health Checkup Camp**

Free Book facility

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

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

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

3

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

35

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The performance-based appraisal (PBAS) is done at the end of every academic year. The PBAS is on the basis of confidential reports and parameters mentioned in the prescribed format for performance appraisal like engaging lectures, attendance of the students, student's result, class room planning and control, laboratory works, guidance and counseling, contribution to examination-paper settings, evaluations, learning resource development, participation in seminar/ training, co-curricular activities, portfolios handled.

The head of department submits the self-appraisal form with his remark to Principal. The principal evaluates the information furnished in self-appraisal form thoroughly for corrective measures to be suggested for improvement in performance.

The performance appraisal for non-Teaching is done on the basis of his attendance, understanding, discipline, devotion, punctuality, honesty and integrity, initiatives, efficiency observed.

The head of the department furnishes his/her observation and submits the form to the principal with his remark. The principal goes through the report submitted by Head of department and endows his remarks. The principal initiates corrective measures, where necessary, for improvement in performance.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal and external Audits in the Institute are conducted with the objective of fact findings. The accounts of the college are maintained and audited regularly by the Chartered Accountant. The institute has computerized its financial management system and all the accounts are managed by the tally software.

All the details of income and expenditure are stored with the help of tally software. All the financial statements and pay sheets are prepared using the computer. The C.A undertakes internal and external audit. The financial documents and receipts are produced for scrutiny and all that is needful regarding the maintenance of accounts is completed within stipulated period of time. The Institute has been appointing internal and external auditors annually. The institute's major sources of receipts/funding are the students' tuition fees provided by government of Maharashtra.

An Internal Audit Team has been appointed by the Institution inside the organization to go through regular Review and Vouching of everyday transactions, Physical Verification of Fixed Assets, Review and reporting on the Internal controls and its adequacy and check on Statutory Compliances. This procedure is employed to evaluate an organization's functioning or the accomplishment of a process.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers

during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Institute has very effective strategies for mobilization of funds and optimal utilization of financial resources. The Principal of the College ensures that expenses are incurred for the purpose of implementing institutional plans. For any requirement for major equipments of laboratories of various courses, books for library or any other major items, requisition is submitted to the Chairman and Secretary of the Maitrey educational society (MES) duly signed by Principal and Vice-Principal. Quotations are then invited from various vendors. Their quotations are evaluated, comparative statement is prepared, vendors are called for personal discussion and after comparing all aspects from various vendors, orders are placed. This ensures that right equipments are purchased at the most competitive prices. Further, accounts of the institution are subject to regular audit. Also, budget is prepared at the beginning of the year and submitted to the governing body of the MES, Nagpur for final approval and actual expenses incurred during the year are compared with the budget of a particular financial year and any major variation is discussed by the Page 69/84 03-08-2018 01:48:50 Self Study Report of principal with the Hon. Chairman and Secretary of the society.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

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. The Internal Quality Assurance Cell (IQAC) of the institute has been trying to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

Examples of best practices institutionalized as a result of IQAC initiatives as follows.

1)Academic audit of Department

IQAC has its objective on the conduction of academic review at department level as well as at institute level at least once in a semester before formation of the curriculum, extensive feedback from all the stack holders including parents, alumni, industry persons and students are taken and their comments are incorporated into the curriculum as far as practicable.

Objective:

To update the subject file, lab file and other activity as per academic plan.

To assess the academic calendar for conduct of continuous internal evaluation

Feedback System: Under the guidance of IQAC and academic coordinator feedback analysis done and need of improvement should be done for the faculties lagging in feedback were suggested to the head of institution.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of

operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Teaching plans are prepared for an odd & even semester which are get verified and checked at different stages in accordance with the syllabus and scheme of examination given by RTMNU, Nagpur. With the support from the qualified, trained and experienced faculty members facilitates the teaching-learning process. Along with the classroom studies, students are encouraged to use library and internet facilities available in the institute. The records and logs of daily instructions delivered, classes and practical are conducted and other Co-curricular activities performed are maintained by the faculty members. The extra lecture for slow learners, seminar, workshops, expert lectures from industry resource persons are properly informed and recorded to concerned authorities. The review is taken on regular basis for the effectiveness of teaching-learning process.

The institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are based on the following two examples:

1. Students feedback

2. Results of Internal tests

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Gender equity prevents violence against women and girls. It's essential for economic prosperity. Societies that value women and men as equal are safer and healthier. The Nagarjuna Institute of Engineering, Technology & Management (NIETM) always ensures fairness of treatment for women and men, according to their respective needs. This may include equal treatment or treatment that is different, but which is considered equivalent in terms of rights, benefits, obligations, and opportunities. Nagarjuna Institute of Engineering, Technology & Management women's Grievance Redressal Cell celebrates International Women's Day, celebrates the achievements of women. The institute encourages Self Defence & Fitness Program for Girls. The institute has already arranged two sessions to train faculty members and students to understand better safety strategies in place to deal with potential assault or abuse and Secure Safety. Nagarjuna Institute of Engineering, Technology & Management always gives importance to safe guard and promotes well-being of all women employees of the organization. The institute takes care of all complaints on sexual harassment of women at workplace and appropriate action taken for the complaints. The Grievance Cell is responsible for looking into any complaints filed by students & staff about women grievance and another for the students.

File Description	Documents
Annual gender sensitization action plan	https://nietm.in/wp-content/uploads/2022/12/7.1.1.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://nietm.in/wp-content/uploads/2022/11/internal_complaint_committee.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

There are different types of wastes disposed of in the college for which there is a proper system functioning. The following wastes are being disposed by the college.

Solid waste management

Separate dust-bins are provided for collecting dry and wet garbage. The cleaning services in the campus are outsourced. The garbage is collected by housekeeping personnel everyday and it is properly disposed off into the dustbins. The waste is segregated at the source itself by providing separate dustbins for Bio-degradable and plastic waste.

E-Waste management

The used computer and other used equipments are used for practical purposes in order to explain the students the parts of

the product which they study in their theory lectures and in the worst condition they are safely disposed off.

NIETM volunteers to donate USED COMPUTERS to needy educational institutes, schools and non-profit making organizations to promote the safe reuse of IT equipment and reduce E-waste. The request application along with the full profile of the school / institution may reach the Administrative Officer (Mail: maitrey.ngp@gmail.com Phone: 9421818770/9049472992) on or before 27/08/2021.

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

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
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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

7.1.6.1 - The institutional environment and energy initiatives 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	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. The college and its teacher and staff jointly celebrate the cultural and regional festivals, like New-year's day, Student induction program, teacher's day, orientation and farewell program, Induction program, rally, plantation, Youth day, Women's day, International Yoga day, Swami Vivekananda Jayanti day, Independence day and Republic day festivals and Diwali celebration, Annual social gathering ULHAS, New Year celebration, etc. religious ritual activities are performed in the campus. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	No File Uploaded

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

The college strongly supports to sensitization of students and employees towards the constitutional values, rights, duties and responsibilities. For this different subjects are introduced by RTM Nagpur University for the student. Some of the subjects are Environment and Sustainability, Communication Skill, Indian Constitution, Ancient Indian History, Yoga and meditation and Professional Ethics. Under these subjects students will get awareness about concept of culture and civilization, applied humanities and social engineering, sustainable development, professional ethics and organizational behavioral dynamics leadership in industry. Also Indian constitutional and Federal system, fundamental rights and directives principles. Institute strictly adheres to the CODE OF ETHICS which is already displayed on college website (www.nietm.in)and it is strictly implemented. Along with this different programs were also organized to show responsibilities of the citizens.

NAGARJUNA INSTITUTE OF ENGINEERING, TECHNOLOGY AND MANAGEMENT, NAGPUR

The National Service Scheme unit of NIETM (Nagarjuna Institute of Engineering, Technology and Management, Nagpur) celebrates the Constitution Day on 26th November, 2021 to commemorate the adoption of the Constitution of India. This event was organized by the volunteers of NSS unit of NIETM. This event will not only motivate towards "Guiding Principles of our Constitution" but also provide the opportunity to learn about the significance of the Constitution to our present-day youth.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized	A. All of the above

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

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

The Nagarjuna College of Engineering Technology & Management celebrates National and International days enthusiastically every year. The faculty member along with supporting staff and students gather in the college to celebrate these days. Every culture has number of festivals and celebration has become a vital activity. Celebration of cultural and constitutional festivals is integral part of college co-curricular activities. Throughout session different days are celebrated by students with guidance of teachers which help them to know about different cultures and to cognitively imagine India as a nation. The academic calendar is

brimming with important events which show enthusiasm of this institution in celebrating many national as well as international days and festivals. Independence Day on 15th August is celebrated every Year. Flag hoisting is organized and is celebrated to mark freedom of India.

International Women day is also celebrated in our college on 8th March every year. International Yoga day is also celebrated on 21st June every year in the college. The birth anniversary of Sir M Visvesvaraya is celebrated as Engineer's Dayon 15 September every year. The Constitution Day is celebrated on 26th November every year by our institute.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	**No File Uploaded**
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practices -I Title of the Practice: Financial Aid to the deserving students by the college Objectives of the Practice To motivate the students coming from rural, remote and tribal areas with low economic background. To save them from discontinuation of their studies owing to poverty. To support financially all the deserving poor students without any discrimination of caste and creed. To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students. The expected outcome is that the students should be able to complete their degrees with good marks. The beneficiaries should treat the needy with the principle of 'lend a helping hand without discrimination.' Best Practices-II 1. Title of the Practice: In view of pandemic situation academic development of the students is given priority by developing suitable e-contents for theory as well as practical course. 2. Objectives of the Practice

- Promote generation of e-content in all the courses.
- Encourage teachers to prepare and deliver through e-

- **contents.**
  - **Make available the e-content to students using available platforms as well as its delivery through formal and non-formal modes of education, for supplementing and complementing the process of teaching and learning in higher education**

File Description	Documents
Best practices in the Institutional web site	**No File Uploaded**
Any other relevant information	[View File](#)

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The biggest challenge the institute had after its inception was to enhance learning adaptability of its students. The institute has students with rural background and most of them belongs to tribal area of Vidarbha region.

The methodology involves the process as appended below.

1. It is believed that every person has basically three types of learning styles Auditory, Visual and Kinaesthetic. Therefore, first step in this process involves to evaluate the learning style of each student. This has been done by using DMIT (Dermatoglyphic Multiple Intelligence Test).

2. It has been observed that most of the institute students have dominant Kinaesthetic style of learning. In this style, the students learn by practices or physical touch. Therefore, the second step involves development of teaching tools which is mostly models or 3-D animation videos. The institute has developed library of these types of teaching aids which are used to teach the students using Kinaesthetic style.

3. Teachers are the most important component in success of this methodology and therefore the institute has conducted and regularly conducting training program and seminars to trained teachers of this way of teaching.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Future Plan of action for the next academic year

1. **To improve placement ratio with the help of Alumni.**
2. **To get accreditation like NBA. To increase Ph.D. enrolment.**
3. **To strengthen incubation and Entrepreneurship Development activities.**
4. **To start MBA, MCA, M.Tech, Nursing and other technical courses at our institution.**
5. **Mobilization of faculty members to other reputed institute in order to learn best academic and practical aspects.**