



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1. Name of the Institution

Terna Engineering College

- Name of the Head of the institution

Lakshmappa Ragha

- Designation

Principal

- Does the institution function from its own campus?

Yes

- Phone no./Alternate phone no.

02261115444

- Mobile No:

9969852599

- Registered e-mail

principal@ternaengg.ac.in

- Alternate e-mail

shilpakharche@ternaengg.ac.in

- Address

Plot No-12, Sector -22, Opp.
Nerul Railway station, Phase-II,
Nerul (W)

- City/Town

Navi Mumbai

- State/UT

Maharashtra

- Pin Code

400706

2. Institutional status

- Affiliated / Constitution Colleges

Private and Self Financing

- Type of Institution

Co-education

- Location

Urban

- Financial Status **Self-financing**
- Name of the Affiliating University **University of Mumbai**
- Name of the IQAC Coordinator **Shilpa Kharche**
- Phone No. **0228652222867**
- Alternate phone No. **9869125055**
- Mobile **9220838311**
- IQAC e-mail address **naac@ternaengg.ac.in**
- Alternate e-mail address **varshabodade@ternaengg.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://ternaengg.ac.in/college-committee/iqac/>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://ternaengg.ac.in/wp-content/uploads/ACADEMIC-CALENDER-SH-23-FH-24.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.81	2023	23/11/2023	22/11/2028

6.Date of Establishment of IQAC

06/01/2023

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	NIL	NIL	NIL	NIL

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 18

- 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)

NAAC Accredited (Grade: B++, CGPA: 2.81)

Applied NBA for five eligible department.(SAR submitted awaiting for peer team visit)

Green Club is formed

Environmental and Green audit

CO PO Attainment and Evaluation Process

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
Preparation of Academic Activity calendar	Academic Calendar is prepared for 2023-24 and made available for the stakeholders
Orientation Program for First Year students	Orientation Program for first year students is conducted on
To prepare Institute magazine	Institute magazine Avalanche is published
To provide training to the students for skill development	Training programs on technical and communication skill development

To organize activities and programs for placement of students	Programs are conducted for placement of the students
To conduct the academic and administrative audits	Academic audit is conducted by IQAC and Financial audit is conducted by CA
To conduct Environmental Audit	Environmental Audit for air, water is conducted
To celebrate Commemorative Days	Independence Day- 15/08/2023, Mahatma Gandhi Jayanti - 02/10/2023, Martyr's Day - 26/11/2023 Republic Day - 26/01/2024
To plan Gender sensitization and equity program	The -- programs are organized by ICC/WDC on gender sensitization
To participate in NIRF 2023	Institute has participated in NIRF 2024 and the report is uploaded on website
To organize E-Cell activities for the students to motivate them for being Entrepreneur	E-cell activities are organized for the students for the year 2023-24
To collaborate with industry and sign MoUs	Three more MoU's are signed with industry
To apply for Maharashtra state government's MahaDBT Scholarship schemes	Applications of nearly 50 % students for various schemes are submitted on MahaDBT portal
To organize extension activities under NSS	More than 25 activities including tree plantation, blood donation camp, cleanliness drive, NSS camp etc are organized and conducted by NSS in 2023-24
To plan annual sports activities	Annual sports are conducted in March 2024
To plan annual cultural programs	A cultural program REVIVE is organized at trust level

13. Whether the AQAR was placed before Yes

statutory body?

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	03/10/2023

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Terna Engineering College
• Name of the Head of the institution	Lakshmappa Ragha
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02261115444
• Mobile No:	9969852599
• Registered e-mail	principal@ternaengg.ac.in
• Alternate e-mail	shilpakharche@ternaengg.ac.in
• Address	Plot No-12, Sector -22, Opp. Nerul Railway station, Phase-II, Nerul(W)
• City/Town	Navi Mumbai
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• Pin Code	400706
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• Location	Urban
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<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
College Development Committee	03/10/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	16/01/2024

15. Multidisciplinary / interdisciplinary

TEC, specially emphasize on providing students with the necessary skills and knowledge to become self-reliant and independent. An all-inclusive education approach enables students to reach their full potential, make intelligent decisions and achieve academic excellence. It boosts students; self-confidence so they can face life's trials confidently and courageously. TEC introduces multidisciplinary and interdisciplinary studies to conform with the first pillar of the National Education Policy 2020 "Education for All" and ensures access to excellence education. Short-term and vocational courses are established to equip students with the necessary skills and knowledge to become self-sufficient.

16. Academic bank of credits (ABC):

The institution is open to create the digital infrastructure proposed by NEP to store its students' academic credits earned from various higher education institutes within the country. However, before implementation, the institution needs approval from the university. As a student-centred institution, the faculty adopts a constructive, research-based, reflective, collaborative and integrative approach to pedagogy.

17. Skill development:

TEC prioritises the development of student's skills. Students have prearranged opportunities to organise workshops and seminars to develop technical skills. Students partake in corporate internships and job shadowing to develop their entrepreneurial skills. Field trips and visits to industry and local businesses are organised to give students an insight into the corporate world. Team building activities and problem-solving exercises help students develop life skills. TEC encourages students to participate in extracurricular activities to develop their creativity and social skills. Guest speakers are invited to talk to students about their experiences and on how to mature their skills. Mentorship programmes, Collaborations and partnerships

with numerous organisations help students develop their skills and gain valuable insights from experienced professionals. Access to career guidance and training and internships from Semester 1 helps them identify their strengths and weaknesses and develop a plan for their future. TEC also encourages its students to participate in community service projects to develop their leadership and communication skills.

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

It is in the process of being included in the university curriculum under the NEP 2020 scheme. The implementation is planned for the 2024-25 batch.

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

Outcome-Based Education (OBE) has been implemented in our Institute since 2013 to impart education through student centric approach and follow outcome-oriented teaching learning process. In line with OBE, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) and Course Outcomes (COs) have been formulated for all the UG programs as well as for PG programs except PSO. PEOs are broad statements that describe the graduates' career accomplishment after 3 to 5 years of graduation. POs are aligned with the Graduate Attributes defined by NBA. PSOs are specific and relevant to a particular program. COs are direct statements drafted for every course that describe the competencies gained by the student through the course. POs, PSOs and COs are published in the college website, syllabus book, Course Plan and laboratory manuals and briefed at the start of the semester in the classes and class committee meetings. POs and PSOs are also displayed at prominent places in the classrooms, laboratory, faculty rooms and department library. It is also disseminated to the stake holders such as Faculty, Alumni, Parents and Employers through surveys. Every CO is aligned to one or more POs, and is measured at the end of the course, which contributes to the PO that it is mapped to COs for a course is measured by the Evaluation Scheme, where the assessment tools are categorized into Direct and Indirect.

20.Distance education/online education:

TEC offers study materials and lecture notes to students via the college website and Google Classrooms. Flipped classrooms and blended learning are encouraged at TEC.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	468
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2587
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	371
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	703
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	148
File Description	Documents
Data Template	View File
3.2	150

Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1	31	
Total number of Classrooms and Seminar halls		
4.2	1142.04	
Total expenditure excluding salary during the year (INR in lakhs)		
4.3	969	
Total number of computers on campus for academic purposes		
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		
<p>Terna Engineering College is affiliated to University of Mumbai (UoM), approved by AICTE since 1994 and follows the curriculum and academic calendar prescribed by UoM which mainly focuses on the date of commencement of term, instructional weeks, schedule of commencement of theory/oral practical exam, semester-end examination and commencement of next term. The Internal Quality Assurance Cell (IQAC) monitors the effective delivery of the curriculum through a well-planned process. The planned curriculum is implemented by the HOI, HODs. Timetable Committee members prepare a detailed timetable for academic and co curricular activities thereby ensuring a balance amid the diverse engagement of student's participation. The faculty members prepare detailed teaching plan and notes in compliance with the academic calendar. Every faculty member ensures to conduct lecture/practical as per teaching plan. IQAC also regularly monitors the progress of the teaching-learning process. Mentoring system is rigorously followed. In HOIs meetings and Parents' meetings the progress of the delivery of the curriculum is regularly monitored, and necessary modifications are introduced. IQAC considers the feedback of students, faculty & parents as good practices.</p>		

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)

TEC strictly follows the UoM academic calendar to conduct examinations. The timetable for the Mid exams is displayed in advance in institute and departments academic calendars. The internal examination related activities like the question paper, evaluation of the answer scripts, posting of marks in ERP for students are implemented in a systematic and time-bound way, firmly adhering to the university academic calendar. TEC is well equipped with ICT enabled classrooms, spacious and state-of-the-art computer labs, which are extensively used by faculty in day-to-day teaching to make the delivery of the curriculum attractive and easier to students. A good voluminous library with more than 35000 books enhances the learning environment. Interactive teaching is promoted through students' participation in group discussions. Subject expert lectures delivered by distinguished resource persons from academics and industry on topics related to the curriculum and industry requirements further intensify students' learning experience

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	View File

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

17

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
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)

10

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
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

1458

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

during the year

1458

File Description	Documents
Any additional information	No File Uploaded
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

TEC firmly believes in promoting an inclusive value-based educational community. Hence, integrates and promotes the crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability by conducting various activities on the campus and off campus.. Gender Sensitization: Provides overall guidance to the peer group in integrating/mainstreaming gender in all activities at TEC in the form of focused group discussions, debates, poster-making competitions, workshop, health check-ups, marathon etc.To facilitate a gender-sensitive environment, TEC initiated ICC -Internal Complaints Committee in the year 2019 which generates awareness through lectures, seminars, talks, workshops, events, and debates. Female gender develops strength, confidence, and leadership qualities in them. It also deals with the complaints from girl students and resolves them through effective counselling. Environment and sustainability: Environmental Management consents students in practicing a justifiable life and employ natural resources efficiently.. Environmental Management part of UoM enables students to comprehend our environmental problems and find solutions to maintain sustainability. Through this course, students learn about 1.Environmental issues in India. 2.Sustainable development and energy scenario. 3.Global warming, acid rains and hazardous waste. 4.Environment managements roles and functions. 5.Environment quality management and corporate environment responsibility. Students participate in the programs like Tree Plantation, Awareness Rallies through NSS etc. conducted to sensitize protect the environment to public.

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

53

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
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

1967

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	B. Any 3 of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 353 529 421">File Description</th> <th data-bbox="529 353 1436 421">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 421 529 524">URL for stakeholder feedback report</td> <td data-bbox="529 421 1436 524">View File</td> </tr> <tr> <td data-bbox="86 524 529 743">Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)</td> <td data-bbox="529 524 1436 743">View File</td> </tr> <tr> <td data-bbox="86 743 529 846">Any additional information(Upload)</td> <td data-bbox="529 743 1436 846">No File Uploaded</td> </tr> </tbody> </table>	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	
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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								
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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									
730									
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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

149

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

As an Institute practice Student Orientation Program is organized by each department in the beginning of the semester. It is addressed by HOD. Here, students are introduced with teaching-learning and evaluation process, college code of discipline and other schemes along with the development and achievements of the college. IAT is considered as a benchmark to decide slow and advanced learners. Strategies adopted for slow learners:

1. Remedial Classes are conducted with an aim to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities.
2. Academic and personal counseling is given to the slow learners by the tutor, mentor and the counseling cell.
3. Provision for lecture notes/course materials.
4. Soft Skill and Aptitude training is organized to improve placements.

Strategies adopted for advanced learners:

1. Advanced learners are encouraged to enroll in Swayam/NPTEL courses.
2. Talented students are motivated to participate in State and National level activities such as extracurricular activities, Hackathon, Avishkar, EV Competitions etc.

The academic achievements of the students are extremely motivated

and highly praised by the college every year. Toppers are honored with Late Dr. Chandrakaladevi Padamsinha Patil Memorial Scholarship on convocation Day.

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
2587	148

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

As need of the hour, institute has taken initiative to improve students experiential learning, participative learning and problem solving skills. TEC provides an active platform for students to develop the latest skills, knowledge, attitude, aptitude, and values to make them promising engineers.

Learning is made more students centric by following outcome-based education. Keeping in line with the above, Programme Educational Objectives (PEOs) and Course Outcomes (COs) are defined for the courses.

Experiential Learning TEC set up a robotics laboratory by collaborating with IIT-Bombay to make students have experiential learning in their courses.

TEC has established a laboratory named E-yantra lab, Apple Lab, Texas Instrument Lab within the campus in collaboration with IIT Bombay. Drona Aviation Pvt. Ltd., Absolute Motion Pvt. Ltd., B&R Industrial Automation Pvt. Ltd., ICT Honeywell CSR Training, Nimap Infotech Pvt. Ltd, RedHat, Bricks and Bytes Ltd, to prepare students with hands-on experience.

TEC has EPIC (Engineering Product Innovation Centre), an innovative laboratory set up in collaboration with Phi Education. The students are actively involved in the product development activities in this laboratory.

Industrial visits and guest lectures are regularly arranged to make the students aware of industrial practices. Students are encouraged to organize technical, co-curricular and extracurricular activities. Students take up internships/ training in Prolific, CEMS and SMC which bridge the gap between theoretical concepts and practical applications.

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

TEC is identified as a Centre of learning to impart new technologies to students in collaboration with ICT Academy. TEC has signed up MOUs with Nimap Infotech Ltd. which have enhanced students/faculty in developing actual app/solution/etc.

Modern technical infrastructure such as video conferencing facilities, modes of teaching such as LCD projectors, etc. ensure interactive teaching methodology. Teachers prepare slides and deliver PowerPoint presentations in the classes for explaining the concepts. The learning ability of students is enhanced by implementing with NPTEL lectures, group discussions and webinars. The ability to prepare the lectures, presentation and query answering traits improved among the students employing these ICT process tools. This facilitates to suppress the passive mode among slow learners and improves proactive characteristics.

The mode of delivery of lectures in the institution is blended, wherein the white board system and PowerPoint presentations are used. The faculties are provided training in new methods of teaching learning processes which are used effectively for the benefit of students. They are encouraged to attend and achieve online certificates from reputed online learning platforms like Coursera, NPTEL etc.

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

126

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

148

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

30

File Description	Documents
Any additional information	No File Uploaded
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

2178

File Description	Documents
Any additional information	No File Uploaded
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.

TEC internal assessment process is as per the formative and summative evaluation approaches to measure student achievement. It has adopted the reforms of the university and its directives for implementation for the benefit of students. Major reforms, including a credit-based evaluation system adopted are as follows:

Formative Process: Attendance record, classroom interactions, assignments, project work, field visits, laboratory sessions.

Summative Process: Two Internal assessment Tests

The IAT exam schedule is given by UoM and is communicated to the students well in advance. To ensure proper conduct of IAT exams, question papers are prepared in accordance with Bloom's Taxonomy by the course in-charges along with the scheme of evaluation and a solution. Questions are mapped with the course

outcomes and Bloom's level. The QIC coordinator verifies the quality of the questions and necessary changes are made if needed. After this process, the course in-charge submit the verified question paper to department exam coordinator.

All the students and faculty work with ERP system through their login. Students give feedback as a part of faculty evaluation based on teaching learning parameters. All faculty members are given the training for ERP system and its different modules.

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

Evaluation is completed by the each subject teacher within 03 days from the date of examination. The corrected answer scripts at random are verified by the QIC Coordinator to ensure the standard evaluation process. The corrected answer scripts are available with course in-charge and are shown to students for self verification and if any grievance is raised, it is addressed immediately. The assignments along with the submission date are given to students by the respective faculty members in such a fashion that they must solve the assignment themselves by self learning methods. The marks obtained by students in the IAT tests are displayed on the ERP, and students can view them through personal account. Internal Practical examinations are held once a semester. Internal faculty evaluate the experiments based on viva-voce, journals, records and program outputs. The faculty maps the questions with course outcomes and Bloom's Taxonomy is applied to both assignment questions and experiments given in the practical examination. Queries in the evaluation method can be addressed to Grievance Redressal Mechanism at the department level if students have any queries in obtained marks.

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.

Curriculum courses are the building blocks of the program. The program outcomes are achieved through the courses. Each course has its own contents which inculcate some skills and expertise in the learner at the end of the course. Demonstration of the knowledge and skill acquired by the learner is basically the course outcome. Course outcomes are necessarily observable and measurable. Course outcomes (COs) define the minimum requirements the learner has to meet to complete the course as well as, should be the reasons why the learner has to choose the course. Clearly defined outcomes enable teachers and students to keep track of progress. Mumbai

University has defined COs for all the courses based on which the COs are stated. TEC ensures that the course outcomes are achieved by training the students through theory, practical, presentations, assignments, seminars, quizzes, workshops, mini and major projects. Program Specific Outcomes (PSOs) are defined to enhance the core skills of the program. These reflect the specific domains in the program in which students will demonstrate expertise. POs and PSOs are disseminated to all the stakeholders of the programs through various mediums like, the institute website

(www.ternaengg.ac.in), internal MIS (ERP), lab journals etc.

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.

TEC adapts assessment tools to evaluate a student's ability in the application of learned skills in continuous assessment like IATs, Practical's, End semester examination, assignments, Projects (Mini and Major) under direct assessments and surveys under indirect assessment. The attainment calculation method is follows:

CO Attainment: It is calculated using Internal Assessment (20 % Weightage) and University Exams (80 % Weightage)

Internal Assessment**Internal Assessment Tests****Practical****Assignments****Other Components****University Exams**

Faculty set thresholds for each course. Three levels are defined as Level 1, 2 and 3.

PO attainment is calculated as below:

1. Direct assessment method: (80 % Weightage)

Internal Assessment (20%)

University Assessment (80 %)

2. Indirect assessment methods: (20 % Weightage)

Program Exit Survey**Faculty Survey Course****Exit Survey Extra-Curricular and Co- curricular activities**

PO attainment through direct tools: COs defined for all subjects are mapped with PO's. The COs are calculated for individual subjects as explained earlier. PO attainment through indirect tools: PO reflects the quality of graduates at the time of graduation. PSO attainment is calculated similar to PO attainment using direct and indirect tools.

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	
656	
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://ternaengg.ac.in/wp-content/uploads/2.7.1-Student-Satisfaction-Survey.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)	
NIL	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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****NIL**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
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****6**

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****77**

File Description	Documents
Any additional information	No File Uploaded
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

22

File Description	Documents
Any additional information	No File Uploaded
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

The NSS Unit of Terna Engineering College undertook impactful community-focused activities during 2023-2024, addressing social issues and fostering holistic student development. Environmental conservation was emphasized through Mangrove Cleanliness and Beach Cleanup Drives, which collected 250-1000 kg of waste per event, highlighting the importance of biodiversity preservation and pollution control. Initiatives during Ganapati Visarjan promoted sustainable practices and raised awareness about the critical role of mangroves in protecting coastal ecosystems. Health campaigns included Blood Donation Drives, collecting over 100 units per event, and awareness sessions on HIV/AIDS and Yoga, promoting physical, mental, and community well-being. Educational efforts, such as Anti-Ragging Awareness skits and Cybersecurity Workshops, equipped students with knowledge to address real-world challenges, while a Waste Segregation Survey in Worli slums identified gaps in local waste management and suggested improvements. Cultural events like Independence Day, Teacher's Day, and Bhajan Sandhya fostered national pride and gratitude, while Vachan Prerna Diwas encouraged learning through literature. Social empowerment activities,

including donation drives and the Banner-to-Bag Recycling Initiative, supported underprivileged communities and promoted sustainability. These programs cultivated leadership, empathy, and teamwork among students, while benefiting the neighborhood with cleaner environments, heightened awareness, and stronger community bonds. Collaborations with organizations like the Environment Life Foundation and IIT Bombay amplified the impact, ensuring these initiatives left a lasting positive legacy for both the community and students.

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

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

43

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

2210

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

107

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

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

12

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.

At TEC, learning is regarded as the cornerstone for unlocking the full potential of an individual's personality. TEC houses 31 spacious, ventilated, and well-furnished classrooms, along with 7 tutorial rooms.

The college boasts 58 well-equipped and meticulously maintained laboratories for both curriculum-oriented experiments and research activities. Specialized facilities include the Apple Multimedia Lab, Amazon Web Services (AWS) Lab, 3D Printing Lab, Texas Instruments Lab, LabVIEW Lab, and an Industry-Standard CNC Lab. Additionally 7 workshops and 2 drawing halls. The campus includes ICT-enabled seminar halls and a state-of-the-art, air-conditioned auditorium with a seating capacity of 500. TEC has established four Centers of Excellence such as Electromagnetics, Youth Empowerment, Lofti Zadeh Centre, E-Yantra Lab

The Engineering Product Innovation Centre (EPIC) offers facilities for project-based learning, including computing and hardware resources.

The institution is also an authorized SWAYAM center, offering students access to an extensive 8 TB library of engineering course videos, available without internet access within the campus.

Additional Amenities include Administrative offices, including Principal and HOD cabins, department offices, placement office, exam control office, and central store. The campus also includes

common rooms for boys and girls, staff rooms, a first aid room, cafeteria, photocopy center, and washrooms on every floor and hostel facility.

TEC has turf, quadrangle, indoor badminton court, and gymnastics area. TEC has an incubation center to support start-ups.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/4.1.1-1.pdf

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

Terna Engineering College (TEC) stands out not only as a hub of academic excellence but also as a vibrant center for cultural and sports activities, providing a well-rounded educational experience. TEC's commitment to holistic development is reflected in its extensive facilities, which include spaces for indoor and outdoor sports, a state-of-the-art gymnasium, and a dedicated yoga center.

The college's Turf and quadrangle provide versatile venues for various sports and gymnastics, showcasing its dedication to promoting physical well-being. Students can enjoy a range of indoor sports such as badminton, table tennis, carom, and chess, with throwball specially catered to girls. Outdoor activities include overarm cricket, box cricket, football, volleyball, and kabaddi, ensuring inclusivity for both boys and girls. These initiatives not only enhance physical fitness but also cultivate teamwork, discipline, and a competitive spirit among students.

TEC's cultural calendar is equally dynamic, offering students platforms to explore and display their creative talents. Events like Freshers' Night, Garba celebrations, and the annual cultural fest bring the campus alive with vibrant performances in dance and drama, giving a sense of community and creativity.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/4.1.2-1.pdf

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

7

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

31

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/4.1.3-1.pdf
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)

23.07

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
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)

TEC is dedicated to fulfilling the informational needs of students and faculty by providing seamless access to bibliographic, digital, and printed resources. The library acts as a learning resource center. The library boasts a collection of over 35,000 textbooks and reference books.

Library operations including circulation, cataloging, and report generation, are automated using the internationally recognized SOUL library management software (version 3.0) since 2010.

Dedicated terminals provide an Online Public Access Catalogue (OPAC) system for efficient searching of library resources, along with a Rack Index for easy navigation.

Over 3,300 books are available through the Book Bank, supported by contributions from the Thane Book Bank, UoM Book Bank, and Prerana AICTE Scheme. TEC ensures students and faculty have access to extensive digital resources, including: E-ShodhSindhu and the National Digital Library of India (NDL India), IEEE POP ALL + ASPP, ASME, ASCE, Springer Nature, and Knimbus. The library serves over 200 students daily who use its resources for reading and studying. Wherein more than 60 books are issued and returned on a typical day.

With its robust collection, advanced digital systems, and consistent upgrades, the Learning Resource Centre at TEC stands as a cornerstone for academic and research excellence, meeting the evolving needs of its students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://ternaengg.ac.in/wp-content/uploads/4.2.1_4.2.2.4.2.3.pdf

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)

1,319,070.00

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - 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

102

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

4.3 - IT Infrastructure

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

TEC facilitates innovative conveniences in IT to the students to utilize the resources in the best possible manner. The campus is Wi-Fi enabled.

TEC systems are connected (Specs) with speed ILL (Internet Lease

Line) Bandwidth of 300Mbps LAN/wi-fi leased.

Institute has 24 Wi-Fi Access points and MiFi devices on a need basis for teaching.

TEC has 7 ICT enabled classrooms with 7 classrooms. Institute has 700 desktops and 50 Laptops for students and 130+ Laptops for faculty.

QualCampus ERP system - Learning resources, curriculum, lesson plan, recorded lectures, assignments, and assessments along with employee services are made available online through ERP system. Similarly, students can view their attendance, assessment marks, upload Lab Journals, assignments,

Lynxe Learning Management System (LMS) for first year engineering.

TEC has High-End "Next Generation SOPHOS XG-430" UTM/Firewall device is upgraded from Cyberoam 200i firewall, with throughput of 45 Gbps. Sophos XG Firewall combines the best of both Astaro and Cyberoam technologies, delivering an unprecedented level of innovation to next-generation firewalls.

Institute has 30 Network switches ,two CCTV Surveillance system,12 five IP Camera,. Institute has OS as Windows 10/8.1/7/Vista/XP Campus and Mac OS X SNOW LEOPARD 10.6.4 20. Institute has 41 application software's out of which 31 are academically licensed. And remaining 10 are open source.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/4.3.1.pdf

4.3.2 - Number of Computers

750

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

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)

1142.04

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.

Terna Engineering College boasts a well-established framework for the effective maintenance and utilization of its physical, academic, and support facilities. These encompass a range of crucial resources including laboratories, libraries, sports complexes, computers, and classrooms.

To access these facilities, both students and staff can submit

applications to the respective incharge personnel. The college places a strong emphasis on the regular maintenance of laboratory equipment, employing preventive maintenance strategies and entering into annual maintenance contracts for both equipment and software. Dedicated technicians within the Maintenance department undertake in-house repairs whenever feasible. In instances where in-house repair is not possible, the concerned department initiates a repair request with the Maintenance department. This process involves obtaining quotations from various vendors before the equipment is sent out for repair.

The meticulous approach to facility management at Terna Engineering College ensures that all

resources are in optimal working condition, fostering an environment conducive to effective

teaching, learning, and research. This commitment to maintaining high standards reflects the

institutions dedication to providing a seamless and efficient educational experience for its

students and faculty alike.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/4.4.2-1.pdf

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

1610

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

22

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	https://ternaengg.ac.in/wp-content/uploads/5.1.3 .pdf
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

1889

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

1889

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

5.1.5 - The Institution 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	View File

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**

217	
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**

5	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
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**

10	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/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.**

6

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)

Terna Engineering College fosters student engagement through a dynamic range of administrative, co-curricular, and extracurricular activities, reflecting its commitment to holistic development. A vibrant Student Council serves as the backbone of student representation, facilitating active participation in decision-making and event management. Various professional society chapters, including CSI, IETE, IEEE, and IC-ACI, provide platforms for technical skill enhancement through workshops, seminars, and competitions. These initiatives bridge the gap between academic learning and industry requirements, ensuring students are well-prepared for their professional journeys.

Student associations like CESA and IEI encourage collaborative learning and leadership, organizing technical fests and innovative project exhibitions. Sustainability and community development are championed by the Green Club, which spearheads environmental campaigns and projects, instilling eco-consciousness among students. Additionally, MARSAs and similar cultural groups foster creativity, sportsmanship, and teamwork through a plethora of extracurricular events, contributing to the overall personality development of participants.

Representation on academic committees:

Every class has a class representative selected by the class advisor and APC through election.

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/5.3.2-1.pdf
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

79

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

Terna Engineering College (TEC) proudly operates a registered alumni body, the Terna Engineering College Alumni Association, under the Societies Registration Act (Registration Number: Maha/202/2023). This association serves as a dynamic bridge connecting alumni, faculty, and current students, fostering a strong and enduring relationship within the TEC community. With alumni dispersed across the globe, TEC celebrates their diverse accomplishments and engineering expertise. From excelling in professional careers and pursuing advanced education to thriving as entrepreneurs, TEC alumni embody the institution's values and aspirations. The college takes immense pride in their contributions, acknowledging the significant role they play in inspiring and supporting current students. TEC alumni have

consistently contributed to the college's legacy by sharing their insights and experiences. Through events such as alumni meets, guest lectures, and interactive sessions, they offer invaluable guidance to students, empowering them to navigate academic and professional challenges effectively. These engagements strengthen the bond between past and present students, fostering a culture of mentorship and inspiration. To enhance communication and collaboration, TEC provides a dedicated alumni platform at <https://alumni.ternaengg.ac.in>. This portal connects over 9,000+ alumni worldwide, representing 29 years of excellence in various fields. Alumni actively support the institute by facilitating placements, internships, and career guidance, ensuring the growth and success of current students.

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/5.4.1-1.pdf
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	No File Uploaded

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

TEC was established under the aegis of the Terna Charitable Trustin the year 1991. TEC is synonymous in good practices learning,

placements and entrepreneurship. In a short span of time, TEC has emerged as one of the prestigious educational institutions in

this location. The faculty members are the driving force for the student's excellence and inspiration to learn. The faculty with

their diversified backgrounds supports students and empowers towards

national development and global employability by gaining a wider perspective of the industry. Faculty share a distinct relationship with students which are characterized by openness, approachability, and warmth.

VISION

To deliver value-added quality education to the aspiring students, meeting stringent requirements of the changing technology, industry, business and society as a whole.

MISSION

To provide an environment of academic excellence and to adopt appropriate teaching- learning processes to produce competent and skilled engineers to meet global challenges.

The Vision and Mission statements define TEC distinctive characteristics in terms of addressing the needs of students and

that of society in general. TEC has the objective to impart quality engineering education to students.

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

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

The Management Committee of TEC intentions at leveraging and comprehending the objectives expected of a HEI professional education. The rich experience and diversity of the Management support TEC transfer forward in establishing honesty, integrity,

sincerity, and knowledge which are quite (relatively) essential for a healthy society. The Governing Body of the college is a composition of experts from both academia and industry along with management., actively involved in policy making for the benefit of the students. Governing Body also hosts four successful entrepreneurs who have developed niche products and created a market for their businesses.

A College Development Council (CDC) consisting of HODs and representatives from the Management Committee headed by the HOI prepares policies and strategies for the successful implementation of the curriculum.

The HODs deliberate the plans with their respective department staff members to accomplish excellence.

The HR of TEC has adopted a proactive approach to attaining all inclusive education which leads to the all-around development of students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The objectives of TEC are to impart eminence education to students and to prepare them with employable and entrepreneurship skills. TEC develops various strategies for achieving the vision and mission of the Management & TEC, enriching the teaching learning process, and Industry Institution Interface created through training and placement cell. One such strategic plan is strengthening Industry Interaction Interface. The implementation of the strategic plan will be monitored from time to time by the Principal, Academic Council and other committees through periodic review. The section heads will prepare the

detailed progress report and present it in the review

meetings. The benchmarking of quality standards and its monitoring, evaluation of attainment will be carried out by the IQAC independently. The IQAC will report the findings to the Academic Council and GB. With thorough analysis of outcomes and based on IQAC report, the above will recommend the corrective actions, need of further processes and deployment of resources.

All these reports will be forwarded for further discussions and implementation by the Board of Trustees.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
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 goal of TEC is to produce skilled and competent professional through quality technical education and to prepare them for

immediate employment and entrepreneurship. Industries engage these knowledgeable professionals and enhance their production

capabilities by contributing to the recent technologies. To produce proficient graduates ready for the industry, the college

always strives to improve industry-institute interaction.

Eminent personalities from industries are regularly invited to the campus

to enrich the students. To build a good and vibrant industry-institute interaction and to promote education and

entrepreneurship, TEC has entered various Memorandum of Understanding (MoU's) of hardware and software with various

organizations such as Excel-R, Prolific, CEMS, SMC, Drone Aviation, Absolute Aviation Pvt Ltd, Phi education, Red Hat

Academyto enrichand enhance industrial knowledge of students.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://ternaengg.ac.in/wp-content/uploads/6.2.2.pdf
Upload any additional information	View File

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

6.3 - Faculty Empowerment Strategies

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

1. As per AICTE norms, pay commission recommendations areimplemented.
2. Extending EPF scheme is implemented to all eligible staffmembers
3. 6 months maternity leave with pay
4. 1 hour concession after maternity leave
5. Study leave for PhD course work
6. OD to attend workshops, faculty development programs

and conferences

7. Option to join Group Insurance.

8. Concession facility in medical treatment

9. Help with facilitation of bank loans.

10. Crash Course in Computer Basics for Supporting Staff

11. Library facility is made available

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

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

0

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

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
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

78

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

To ensure an effective Performance Appraisal System is in place, TEC and the employee ensure that the job responsibilities and

requirements as well as the performance expectations are understood and interpreted in the right manner. Considering the financial position and performance of TEC, the Performance Evaluation and Appraisal System is completed in a systematic manner for all the Teaching and Non-Teaching Staff at the end of every academic year usually in the month of July. The summary of interactions and the observations of the panel are noted and, accordingly, a recommendation is made for the grant of increments. The committee consists of the HOI, the Management Representative, and the Head of the Department. TEC strongly believes that the outcome of this process must be comprised of shared communication, constructive criticism, and healthy discussions on strengthening institutional growth and finding probable solutions for the same, as well as the inclination to realistically make sincere efforts to achieve a definite objective soon. This has also directly or indirectly shown considerable enhancement in the initiatives and achievements of the employees, thereby contributing to the continued growth of TEC. Benefits passed on by TEC to teaching staff through CAS (Career Advancement Scheme).

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/6.3.5.pdf
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 audit:

TEC has internal audit process, and conducts periodic audits

invarious aspects like revenue audits etc. It is a continuous process to work the systems and processes in harmony. Internal auditors go through the risk management governance and internal

control processes. They deal with issues important to the survival and prosperity of the organization.

External audit:

External auditors review the internal control mechanism, accounting policies and standards, financial analysis and prepare

statements. It involves effective management of internal controls and strengthens operations. When an external auditor identifies a

significant issue with the accounts, they will provide the managers with an "audit management letter" which records any

issues with solutions. The final Annual Audited Accounts are kept before the Board of Management/General Body for discussion and

approval.

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/6.4.1.pdf
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	No File Uploaded
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

Mobilization and Optimal Utilization of Resources:

The mobility of the fund is in the right direction, and then the progress will be as expected otherwise ineffective. TEC has well

defined and systematic strategies to ensure the utilization of resources. It holds a well-coordinated approach to the optimal

utilization of funds and resources. HOI and the various committees of TEC monitor the use of resources. Mobilization of

Funds: The major financial resources of TEC are the fee collected from students and donations from the management and finances

generated. In addition to these, efforts are made to mobilize additional finances to meet institutional needs and growth. Merit

scholarships and trophies are instituted to honour outstanding students out of the donations collected from individuals or

institutions. Optimal utilization of resources:

Financial Planning is exercised well in advance for the Management with efficient Budgeting, after involving all the

Academic Departments and Administrative Sections of TEC. Every year TEC prepares a budget, which involves projected revenue,

expenditure, and capital expenditure to manage and plan the fund effectively. Preparing the budget includes the department

requirements including co-curricular and extracurricular activities. After reviewing the budget with HOI, the

final consolidated budget is forwarded to the Managing Committee of Management for approval.

TEC Management supports financially in case of need and in times of financial inadequacies and review the financials through

budgets V/s actual regularly, which will ensure monitoring of the effective and efficient use of financial resources.

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

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

IQAC at TEC is established on Jan 6, 2023. The IQAC has played a crucial role in ensuring the quality assurance of the institution by establishing systematic procedures for internal academic audits, evaluating program outcomes, and conducting student satisfaction surveys throughout the year. The internal academic audit was conducted by IQAC per semester. The departments were asked to present and prepare the necessary document according to the requirements of NAAC accreditation and AQAR submission. This help in understanding the strengths and weaknesses of various departments. Apart from NAAC, TEC has participated in NIRF ranking which helps in analyzing various performance parameters of the institute in comparison with other institutions. A common procedure is adopted across all branches for evaluation of Programme Outcomes. It considers direct and indirect assessment methods. An online student satisfaction survey is conducted to understand student's perspective about the Institute Teaching and Learning Processes. The students are satisfied in most of the processes, however their remarks are summarized and noted down for further action.

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/6.5.1.pdf
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

IQAC, at TEC is established on Jan6, 2023. The Academic Calendar is planned in advance, prominently displayed, and widely

circulated throughout the institute. It is rigorously adhered to, ensuring smooth coordination of academic activities and timely

communication of important dates and events to all stakeholders. Through regular, periodic reviews, the IQAC evaluates various

aspects of the institution's teaching-learning processes, operational methodologies, and learning outcomes. These assessments encompass teaching methodologies, assessment practices, infrastructure facilities, faculty development programs, and student support services. By identifying areas for improvement, the IQAC formulated action plans aimed at achieving enhancements in the institution's operations and outcomes. Feedback from stakeholders is solicited to gauge the effectiveness of implemented measures. Comprehensive

documentation of activities, findings, and achievements is maintained, with periodic reports submitted to relevant stakeholders and external quality assurance bodies. This cyclical process underscores the institution's steadfast commitment to quality enhancement and continuous development, ensuring its responsiveness to evolving needs and standards while striving for excellence in education.

File Description	Documents
Paste link for additional information	https://ternaengg.ac.in/wp-content/uploads/6.5.2-1.pdf
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	https://ternaengg.ac.in/wp-content/uploads/Institute-Annual-Report-2023-24.pdf
Upload e-copies of the accreditations and certifications	View File
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

TERNA demonstrates a strong commitment to gender sensitization and women empowerment through a range of co-curricular activities and initiatives. These include seminars, guest lectures, poster exhibitions, and counselling sessions, all aimed at fostering a culture of respect and equality for the female gender. Equal opportunities are provided to all individuals irrespective of gender, race, religion, caste, colour, creed, language, religion, political or another opinion, national or social origin, property, birth, or another status. Safety, security, and well-being, along

with gender equity and a friendly working atmosphere are the issues of prime concern to the Institute. TEC Internal Compliance Committee (ICC) further reinforces these efforts by preparing students to engage with gender-related issues, promoting equity, and celebrating International Women's Day on March 8th. The College celebrates the national and international days, events and festivals throughout the year. In the academic year 2023-2024, we celebrated the following days like International Yoga Day, Independence Day, Republic Day, Teacher's day, Mahatma Gandhi Jayanti, Swami Vivekananda Jayanti. TERNA also organizes awareness workshops on the safety and security of women. Additionally, a dedicated Counseling Centre and a robust mentoring system ensure that students receive the guidance needed to thrive in an inclusive environment.

Sporting events are organized to encourage gender equality. Through these efforts, TERNA is building a harmonious and diverse campus, successfully working toward its vision of inclusivity and empowerment.

File Description	Documents
Annual gender sensitization action plan	https://ternaengg.ac.in/wp-content/uploads/7.1.1-1.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://ternaengg.ac.in/wp-content/uploads/7.1.1-Safety-and-security-1.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	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste

management Biomedical waste management E-waste management Waste recycling system
Hazardous chemicals and radioactive waste management

TEC is conscious about waste management and takes necessary efforts towards a sustainable environment. In line with the Swatch Bharat Abhiyaan, TEC prioritizes cleanliness on campus and encourages students and staff to follow effective waste management practices which include reduction at source; segregation and implementation of 3R's i.e. REDUCE, REUSE and RECYCLE before disposal. TEC has a well-defined mechanism for waste disposal and sensitizes students and staff regularly in different ways as follows:

Towards Solid Waste Management, TEC has taken the following steps:

TEC appointed Ashok Global solutions Pvt Ltd. for Housekeeping services for keeping campus clean. Solid waste is segregated at source. Organic waste is collected in green dustbins and non-biodegradable (Dry) waste in blue dustbins. The waste pickup and collection is done by housekeeping staff. The Municipality staff collects dry waste twice a day. TEC initiated a drive to REDUCE plastic usage to the minimum essential, on and off the campus.

Installed a Composting Plant where all the cafeteria organic waste and gardening waste is converted to good quality manure which is used for in-house gardening and also distributed among staff and students to promote positive practices on waste management.

Project related to handle food waste generated in campus was initiated by students.

TEC made provision for segregating dry waste as paper waste, plastic waste and metal waste which is given to vendors for recycling. Organized a seminar to create awareness on waste management with reference to the landfill site at Turbhe dumping ground.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://ternaengg.ac.in/wp-content/uploads/7.1.3-1.pdf
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

C. Any 2 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	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	View File

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

TERNA conducts several programs for providing an all-encompassing

environment to create awareness amongst the students and staff members about their social, cultural, economic, political, and institutional rights. It is the culture of TERNA to come up with creativities for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. TERNA conducts various events to enhance positive interaction among students of different cultural backgrounds, also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. (Ganesh Chaturthi and other festivities to be mentioned) along with commemorative days like Independence Day, Republic Day, Teachers' Day, Engineers' Day, every year NSS Cell conducts Special Camps in villages for NSS volunteers with a direction towards various social issues impacting the lives of the people.

TERNA constituted the following committees as per the norms: Grievance redressal Committee, Anti-Ragging, Internal compliance committee, Committee for SC /ST, minority cell for the well-being of students and staff at TERNA The purposes of these committees are displayed on TERNA website and information is disseminated to the students through orientation and induction programs. Many special talks and guest lectures on vigilance awareness are conducted to sense their responsibilities as citizens. TERNA also organizes various legal aid and legal awareness camps to impart awareness of such issues. TERNA ensures that students participate willingly in all the above-stated activities which facilitate an inclusive environment.

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

TERNA (TEC) places great emphasis on instilling constitutional values, rights, duties, and responsibilities among its students and employees through a series of well-planned initiatives and activities.

Seminars vigilance, ethics, fundamental rights, and duties are conducted to create awareness of constitutional obligations.

Legal aid and awareness camps are organized to educate students and staff about legal rights and equality.

Orientation and induction programs include sessions on the importance of citizenship values and constitutional principles.

Celebrations of Independence Day, Republic Day, and Gandhi Jayanti emphasize the values enshrined in the Constitution, such as democracy, freedom, and equality.

NSS volunteers participate in village camps addressing social and civic issues, such as health, sanitation, and education, fostering a sense of duty and community service.

Grievance Redressal Committee, Anti-Ragging Committee, SC/ST Committee, and Minority Cell ensure that equality, justice, and respect for all are upheld within the institution.

Important constitutional events, such as Constitution Day (Samvidhan Divas), are commemorated through online campaigns. TEC uses its Facebook and Instagram pages to post inspirational messages. Curriculum and extracurricular activities include sessions on moral and ethical values, reinforcing the importance of honesty, integrity, and respect for others. Students are sensitized about democratic processes through activities such as mock parliaments, debates, and quizzes on constitutional topics.

By embedding constitutional values into its academic, cultural, and social framework, TERNA ensures that its students and employees develop into responsible, ethical, and proactive citizens of India.

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

B. Any 3 of the above

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.

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

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

TEC actively fosters an inclusive environment by organizing various programs aimed at creating awareness among students and staff about their social, cultural, economic, political, and institutional rights. The institution's culture promotes tolerance and harmony towards different cultural, regional, linguistic, communal, and socio-economic diversities. TEC enhances positive interactions among students from different cultural backgrounds through events that celebrate India's rich cultural diversity, where students showcase regional folk songs and dances.

Key cultural and commemorative events like Ganesh Chaturthi, Marathi Bhasha Diwas, Hindi Diwas, Navratri's Dholida, along with Independence Day, Republic Day, Teachers' Day, Engineers' Day, NSS Youth Day, and the 75th Azadi ka Amrut Mahotsav, are celebrated with enthusiasm. The NSS Cell also organizes special camps in villages to raise awareness on various social issues, further engaging students in community service.

To ensure a harmonious environment, TEC has established several committees, including the Grievance Redressal Committee, Anti-Ragging Committee, Internal Complaint Committee, and the Committee

for SC/ST welfare. These committees address the grievances and well-being of students and staff, with their objectives clearly displayed on TEC's website and disseminated during orientation and induction programs. Additionally, TEC conducts guest lectures and special talks on vigilance awareness to instill a sense of civic responsibility in students.

Through these diverse activities and initiatives, TEC encourages student participation in building a community that values inclusivity, tolerance, and cultural harmony.

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

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 Practice 1

1. Title of the practice: Engineering Product Innovation

Center (EPIC)

2. Objectives of the practice:

3. Create culture of project based learning

4. Projects built by students enhances the skills of students and makes them more employable

5. Develops a culture of innovation

Best Practice 2

2. Title of the practice: LynxE Virtual Learning

Objectives of the practice:

To enhance the Teaching Learning process

To aid students with 24x7 learning beyond academic engagement as well

To provide students with Virtual Labs and latest smart hybrid teaching learning technology

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

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

TEC is keen about the environment sustainability and supports faculty and students to work on the issues related. One of such activities which will be able to make a good impact at global level is supported by TEC to reduce carbon footprint. TEC is

working in the direction of implementation of the Solar based Air Conditioning System campus wide.

The demand for air conditioning is increasing due to the effects of climate change and global warming. If we still rely on

conventional electric air conditioning it will be harmful in future because electricity is generated from fossil fuels, the

greenhouse gas emission would continuously worsen global warming, and in turn the demand of air conditioning would be further

increasing. Also the rate of electricity has increased by 8-10% which will continue increasing in the future. So in order to reduce global warming and the greenhouse gas emission effect we should adopt the renewable method for the generation of electricity which in turn reduces the cost of electricity by conventional way.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Gender equality: Ensuring fairness and equal opportunities for people of all genders and promoting respect and recognition for everyone's rights and abilities can be very well done through various events which will be organised on National Education day, International girl child day.

Youth Empowerment: Youth Empowerment can be done by encouraging and educating the youth about their potential to change the society and thereby be a pioneer. The same can be bolstered by conducting various events on Independence Day, Republic Day, National Youth Day, Indian Airforce Day and Indian Navy Day at institution levels.

Cultural values: Preserving and honoring the beliefs, customs, and traditions passed down through generations, is a great way to imbibe cultural values. There are various festivals through which will be brought into picture by celebration of Holi, Gudi Padwa,

Makar Sankranti, Christmas, Rav Navmi, Maharashtra Day, Dr. Babasaheb Ambedkar Jayanti, Teachers Day, Ramzan Eid and Good Friday.

Social Awareness: By Increasing understanding and empathy towards societal issues, individuals can be encouraged to actively engage in addressing challenges through celebration of Friendship Day, Hindi Divas, World AIDS Day. International Yoga Day.

Environmental awareness: It can be brought into practise by educating oneself and others about environmental issues and

advocating for sustainable ways to minimize harm to the planet. For the same we have aim to conduct events on World Nature conservation day, World Environment Day Powered.