



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	
	Universal College of Engineering and Technology
• Name of the Head of the institution	Dr.Ch.Kesava Reddy
• Designation	Professor & Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08632291231
• Mobile No:	9550533373
• Registered e-mail	ucetguntur@gmail.com
• Alternate e-mail	ucetprincipal@gmail.com
• Address	Dokiparru Village, Medikonduru Mandal, Perecharla
• City/Town	Guntur
• State/UT	Andhra Pradesh
• Pin Code	522438
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	JNTU Kakinada				
• Name of the IQAC Coordinator	Dr.M.Koti reddy				
• Phone No.	08632291232				
• Alternate phone No.	08632291232				
• Mobile	9491122430				
• IQAC e-mail address	ucetiqac@gmail.com				
• Alternate e-mail address	kotiucet@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://ucet.edu.in/iqac-aqar/				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://ucet.edu.in/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.78	2021	03/08/2021	02/08/2026
6.Date of Establishment of IQAC			20/03/2016		
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	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> Focus on Campus Training Recruitment for the students in technologies as per industry requirement. Empower students with essential skills and knowledge for entrepreneurial success. Prepare comprehensive reports for AISCHE, NIRF, and NAAC to ensure transparency and accountability. Collect and assess self-appraisal reports to monitor progress and identify areas for growth. Organize workshops for teachers focusing on innovative pedagogies, effective mentoring, and evaluation techniques. Encourage and motivate faculty members and students to leverage online learning platforms and resources. 		
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
Focus on Research by faculty members	Good number of Extension Activities were done by the students under NSS Unit and approx..1.52 lakhs was contributed by Ucet team.
To provide need based Teaching	Applied and Published Patents (i) Additional revisions on the topics in syllabus and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
Maintenance of quality as per NAAC Parameters	These activities ensure that institutions submit a comprehensive and accurate AQAR, facilitating continuous quality improvement and accreditation.
Academic Advisors to all the students of their response classes	Academic Advisors/mentors play a vital role in guiding students toward academic success, personal growth, and professional development.
Focus on Research by faculty members	Applied and Published Patents, High quality papers published by faculty in SCI/SCIE Journals.
13.Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
IQAC	27/07/2022
14.Whether institutional data submitted to AISHE	

Year	Date of Submission
2023-2024	30/12/2023

15. Multidisciplinary / interdisciplinary

The institution is taking proactive steps to align with the National Education Policy (NEP). By embracing key principles such as: Diversity in curricula and pedagogy Technological innovations in teaching and learning Encouraging logical decision-making, innovation, critical thinking, and creativity The institution is demonstrating its commitment to providing high-quality education that fosters well-rounded, globally competent citizens. The establishment of interdisciplinary centres and redesigning academic programs to include multidisciplinary/interdisciplinary courses as electives are significant strides towards achieving NEP's objectives. By offering: Flexibility in course selection Integration of different departments Interdisciplinary research and academics The institution is: Preparing students for a rapidly changing world Encouraging holistic development Fostering collaboration and knowledge-sharing across disciplines Developing critical thinking, problem-solving, and innovation skills This proactive approach will likely have a positive impact on students, faculty and the institution as a whole. The institution is taking proactive steps to align with the National Education Policy (NEP). By embracing key principles such as: Diversity in curricula and pedagogy Technological innovations in teaching and learning Encouraging logical decision-making, innovation, critical thinking, and creativity The institution is demonstrating its commitment to providing high-quality education that fosters well-rounded, globally competent citizens. The establishment of interdisciplinary centres and redesigning academic programs to include multidisciplinary/interdisciplinary courses as electives are significant strides towards achieving NEP's objectives. By offering: Flexibility in course selection Integration of different departments Interdisciplinary research and academics The institution is: Preparing students for a rapidly changing world Encouraging holistic development Fostering collaboration and knowledge-sharing across disciplines Developing critical thinking, problem-solving, and innovation skills This proactive approach will likely have a positive impact on students, faculty and the institution as a whole.

16. Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is a revolutionary concept aimed at providing flexibility and autonomy to students. By encouraging students to register on the ABC portal and obtain an ABC ID for

institution.

17.Skill development:

Introducing skill-oriented courses and incorporating soft skills training into the curriculum demonstrates the institution's commitment to: Enhancing employability Developing industry-ready graduates Bridging the skill gap Establishing a dedicated Placement Cell has yielded impressive results: Placement Highlights (2023-24): 100+ students placed in various companies Campus placements still in progress

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

Incorporating aspects of Indian culture into the curriculum will help students: Develop a deeper understanding of their heritage Appreciate India's rich diversity and pluralism Foster national pride and identity Enhance cultural sensitivity and awareness

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

UCET's implementation of Outcome-Based Education (OBE) is comprehensive and aligned with global best practices. Here's a breakdown of the key aspects: OBE Framework Program Educational Objectives (PEOs): 3-5 objectives specific to each program, measured through alumni performance. Program Outcomes (POs): Aligning with NBA (National Board of Accreditation) standards. Program Specific Outcomes (PSOs): Tailored to each program. Course Outcomes (COs): Mapped to POs and PSOs. Curriculum Design Course structure and content alignment with regulations. Elective courses and curricular flexibility. Clear course titles and descriptions. Assessment and Evaluation Mapping internal and external question papers to Bloom's Taxonomy. Ensuring cognitive levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Implementation and Monitoring Regular review and update of curriculum and course outcomes. Tracking attainment of PEOs, POs, and PSOs. Alumni performance analysis.

20.Distance education/online education:

UCET utilizes various online tools like Ebox to enhance teaching-learning activities, promoting a blended learning environment. Focus on Research by faculty members To provide need based Teaching Maintenance of quality as per NAAC Parameters Mentoring by Academic Advisors to all the students of their response classes

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	10
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	890
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	230
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	198
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	109
File Description	Documents
Data Template	View File
3.2	107

Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	49
4.2 Total expenditure excluding salary during the year (INR in lakhs)	362.70
4.3 Total number of computers on campus for academic purposes	485

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

Universal College of Engineering & Technology (UCET) is affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada and follows the curriculum prescribed by the university. An academic committee consists of Head of Departments and headed by the Principal prepares the academic calendar of the college in line with JNTUK academic calendar and also the concerned departments prepare their departmental academic calendars for successful implementation of curriculum.

For the up-gradation of subject-related knowledge, college organizes seminars, conferences, and workshops. Library provides NDLI (National Digital libraries of India), NDLI Club, DELNET (e-journals), ASCE(American Society of Civil Engineering), ASME (American Society of Mechanical Engineering), Digital Library, BookBank facility etc. During each semester, two internal tests are conducted as per the academic calendar.

The quality of the internal test is maintained through following process:

For every subject, respective faculty prepares question bank that covers all the topics. Questions are framed, such that they adhere to course Outcomes and JNTUK standards in line with BLOOMS TAXONOMY LEVELS. At the end of every academic year, feedback from teachers, students, alumni and stakeholders is collected by IQAC, then it is analyzed and forwarded to academic committee.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1-CAC.pdf

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

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examinations.

As an affiliated institution of JNTUK, evaluation norms of the university are followed. The university has adopted major reform in evaluation by introducing credit based grading system from the academic year 2023-24 and the institute has adopted the same. The college has adopted a method of assessing the academic performance of the students on a continuous basis.

UCET follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE). The institute prepares College Academic Calendar (CAC) and subsequently every department prepares Department Academic Calendar (DAC). College Academic Calendar of events includes details like the total number of working days and holidays, CIE dates etc. The department calendar comprises guest lectures, workshops and industrial visits, other co-curricular and extra-curricular activities. The academic activities, CIE, and all activities are conducted in adherence to the calendar of events except unforeseen circumstances.

The academic calendars help faculty members to plan their respective course delivery research work academic and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members.

Syllabus coverage for each CIE is decided well in advance and faculty members adhere to it.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1.2-CIE-Main-Data.pdf

1.1.3 - Teachers of the Institution participate in C. Any 2 of the above 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

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

10

File Description	Documents
Any additional information	View File
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)**

5

File Description	Documents
Any additional information	View File
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

35

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

30

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

1.3 - Curriculum Enrichment

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

Response: The University Introduced courses on Environmental Studies, IPR&P, PE&HV and Renewable Energy sources into curriculum which is being implemented by the institution.

The Institute (UCET) follows curriculum prescribed by the University and integrates various socially relevant cross-cutting issues like ethics, human values, environment, etc., across UG and PG programs to sensitize the students

IPR&P: In today's dynamic and knowledge based industrial

environment, IPRs are key elements needed to maintain the competitive edge of any industry. IPRs impart success to the business enterprise by creating and preserving exclusive markets.

The success of entire industries ranging from pharmaceuticals, biotechnology, computer software, recorded entertainment and electronic commerce depends on the specification and enforcement of private rights to market their products .In an era in which technological change is expanding dramatically, and the costs of copying digital products and new technologies are falling drastically, the search for appropriate and equitable systems of protection takes on great urgency.

IPRs provide an important foundation for promoting technology transfer, local innovation and economic growth in the long run.

ENVIRONMENTAL STUDIES

PROFESSIONAL ETHICS AND HUMAN VALUES

RENEWABLE ENERGY SOURCES

GENDER SENSITIZATION

File Description	Documents
Any additional information	View File
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

15

File Description	Documents
Any additional information	View File
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	View File
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

201

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ucet.edu.in/grievance-form/

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

474

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

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

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

95

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution has developed well-structured, multi-tiered strategies that are regularly implemented to address the diverse learning needs of students. Initial insights into students' learning

abilities are gathered through their performance in qualifying exams, entrance tests, and an induction training program held right after admission. Students are grouped into slow, average, and advanced learners based on their performance in the first series of internal exams.

- Remedial classes are organized for slow learners on specific days, either before or after regular class hours, for each course. During these sessions, students receive individual attention to help improve their learning, problem-solving, and presentation skills.
- At the same time, the needs of average, progressive, and advanced learners are addressed by the faculty through assignments, seminars, and, most importantly, group discussions. Peer learning is very effective because all members benefit from it.
- Slow learners receive extra support through one-on-one counseling from the faculty in Educational Psychology and regular counseling sessions with the class in-charge. These efforts help resolve most student issues, and if needed, parents are invited to provide additional support to their child.
- To support advanced learners, the college offers or encourages programs such as coding contests, special training on problem-solving, and campus-specific training. Students can also take extra courses like NPTEL MOOCs, etc.,

File Description	Documents
Link for additional Information	https://ucet.edu.in/wp-content/uploads/2024/12/2.2.1-FINAL.pdf
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
970	109

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Our college focuses on making the teaching and learning process one of its key strengths. We combine traditional and modern methods to create a student-focused and enjoyable learning experience. We use practical learning, interactive sessions, and problem-solving approaches to help students grow holistically and develop skills for lifelong learning and knowledge management.

Participative Learning Methods:

1. Designing Solutions: 2. Mind Maps for Creativity: 3. Flipped Classes and Blended Learning: 4. Mandatory Online Courses (MOOCs): 5. Project Work with Latest Technologies: 6. Participation in Professional Societies: 7. Improving Communication Skills: Industry interaction and summer training

1. Industrial / field visits, Practical training / internship at Industry and/or renowned institutions like TCS, Infosys, ONGC, IISc etc. are mandatory at present.
2. Industry projects and collaborations are undertaken to enrich students with pre-employment training.
3. Periodical Guest lectures on topics relevant to employment skills by personnel from respective organizations / industry.

Experiential learning

1. Practical courses (laboratory) including virtual labs (Ex: IITB spoken tutorials etc) are made compulsory in the curriculum.

Problem solving methodologies adopted are Giving assignments and quizzes at the end of instruction of each unit.

1. Case Study Analysis and Discussion.
2. Product Design and development.

All academic activities are aimed at elevating the students' knowledge, skills and build confidence in them.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.3.1.pdf

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

The faculty at our institution actively uses ICT tools in the classroom to enhance understanding, reinforce concepts, and support problem-solving. These tools complement traditional teaching methods and enable innovative approaches to enrich the learning experience.

Our institution is well-equipped with the necessary resources, including:

- A large number of computers available in engineering departments and the library,
- High-speed internet access, and
- ICT proficiency among students and faculty.

Teaching and Learning Methodologies:

The institution adopts various ICT-enabled methods, including:

- Illustrations and special lectures using multimedia tools,
- Field studies and case studies,
- Project-based learning and experimental methods,
- Flipped classroom sessions, and more.

These approaches aim to make learning engaging, interactive, and impactful for students.

Conventional and Blended Learning Approaches:

The traditional lecture method allows teachers to explain, interpret, and review the content of a topic, ensuring students gain a clear understanding of the subject. At the end of each unit, students are given specific assignments to deepen their learning.

To make lectures more effective, they are designed as interactive learning dialogues. These include short breaks where students:

- Recap their knowledge by answering questions,
- Engage in brief peer group discussions,
- Participate in think-pair-share activities, or
- Take part in other interactive sessions.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ucet.edu.in/wp-content/uploads/2024/12/2.3.2-SCAN-COPIES.pdf

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

70

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

109

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

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

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

5

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

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

692

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

2.5 - Evaluation Process and Reforms

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

Internal assessments are conducted with complete transparency, strictly adhering to the guidelines provided by the university. At the start of each semester, faculty members brief students about the various components of the assessment process, ensuring clarity and preparedness. Internal assessment test schedules are meticulously prepared as per university directives and are communicated well in advance through official circulars issued by the examination coordinator with the principal's approval.

The evaluation process is handled with precision and promptness. Subject faculty members evaluate the answer scripts within two days of the examination. To uphold the integrity of the evaluation process, the Internal Quality Assurance Cell (IQAC) performs random

verification of the corrected answer scripts. Once verified, these scripts are distributed to students for their review, allowing them to check their marks. In cases of discrepancies, students are encouraged to approach the concerned faculty or the Head of the Department (HoD) for resolution.

Marks are consistently communicated to parents and displayed on departmental notice boards to ensure transparency. For project evaluations, a Project Review Committee, in collaboration with project guides, assesses the quality and effort involved in the projects. This systematic approach ensures a fair and transparent assessment process, fostering trust and academic integrity.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.5.1-FINAL.pdf

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

The conduct of internal and external examinations is carried out with strict adherence to guidelines to ensure fairness, transparency, and academic integrity.

Internal Examinations: The corrected answer scripts are returned to students within two days after the examination, allowing them to review their performance promptly. The finalized marks are uploaded to the university portal for approval by the university authorities. Following this, the university releases the MID-I and MID-II marks to the college before the publication of final results. Once the results are published, no changes to internal marks are permitted, ensuring the integrity of the assessment process.

External Examinations: The question papers for external examinations are prepared by subject experts, and one is finalized by the Controller of Examinations at JNTUK. On the day of the examination, the encrypted question papers are sent to the college one hour before the exam's commencement. The Controller of Examinations at the college decrypts the paper in the presence of the university observer and the Chief Superintendent, ensuring secure handling of the examination process.

For the evaluation of scripts, the university appoints a Chief

Examiner and evaluators. The Chief Examiner oversees the distribution of marks and ensures uniform valuation as per the evaluation scheme. Students can address issues related to valuation through recounting, revaluation, or challenge evaluation within the stipulated timeframe provided by the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.5.2-FINAL.pdf

2.6 - Student Performance and Learning Outcomes

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

The institution adopts the 12 well-defined Graduate Attributes identified as Program Outcomes (POs) by the NBA. Course Outcomes (COs) are systematically defined for all courses, considering inputs from key stakeholders such as the university, faculty, and alumni. Similarly, Program Specific Outcomes (PSOs) are meticulously formulated through a collaborative process.

Each course is assigned a minimum of six COs, while each program defines two to three PSOs. COs are thoughtfully mapped to POs and PSOs, which are further aligned with Program Educational Objectives (PEOs). The COs are designed in adherence to Bloom's taxonomy to ensure measurable and achievable learning objectives.

The process involves detailed scrutiny, with COs first discussed by the Class Review Committee for the relevant course. Subsequently, the departmental committee or Head of the Department (HOD) reviews and approves them. The faculty responsible for the course compiles a comprehensive Course File, including the COs and their mappings with POs and PSOs, incorporating Bloom's taxonomy.

Furthermore, all mappings—COs with POs and PSOs, POs and PSOs with PEOs, and PEOs with the department's Vision and Mission—are transparently displayed on the college website under the departmental section, ensuring accessibility and clarity for stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.1.1FINAL.pdf
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.

The attainment of Program Outcomes (POs) and Course Outcomes (COs) is a critical part of evaluating the effectiveness of educational programs within an institution. These outcomes reflect the knowledge, skills, and abilities that students are expected to gain by the end of a program or course. To assess this attainment, institutions typically use a combination of direct and indirect evaluation methods.

Direct methods include assignments, exams, projects, and presentations, where students' performance is measured against predefined learning objectives. These assessments help determine if students have acquired the required competencies for each course or program. Rubrics and grading schemes aligned with POs and COs are often used to ensure consistency and fairness in evaluation.

Indirect methods involve surveys, self-assessment reports, alumni feedback, and employer surveys to gauge how well the graduates are meeting the expected outcomes in real-world scenarios. This provides valuable insights into the long-term effectiveness of the educational program.

Furthermore, institutions often conduct periodic reviews through internal and external audits, accreditation processes, and faculty discussions to ensure that the curriculum is aligned with industry standards and evolving academic trends. The data collected from both direct and indirect methods are then analyzed to identify areas for improvement, ensuring continuous enhancement of teaching, learning, and assessment strategies.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.2-FINAL.pdf

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

153

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	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.3-FINAL.pdf

2.7 - Student Satisfaction Survey

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

<http://ucet.edu.in/wp-content/uploads/2024/12/2.7.1-Student-Satisfaction-Survey-new.xlsx>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	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

0

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

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

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

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

11

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

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

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

6

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 National Service Scheme (NSS) Unit of Universal College of Engineering and Technology is a self-sponsored public service program aimed at developing the personality and character of student youth through voluntary community service. The NSS unit of UCET comprises more than 100 volunteers led by a Programme Officer (PO). By the students, various activities like Swachh Bharat, Yoga Day, Clean and Green, blood donation camps, sibling distribution, tree planting, adult literacy programs, health and hygiene awareness, environmental conservation, and more will be conducted through the NSS unit.

Special camping programs are also organized annually in adopted areas, focusing on specific themes like youth development, social harmony, and national integration.

The NSS unit aims to instill a sense of social responsibility, leadership qualities, and community service among students, ultimately contributing to their holistic development.

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

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	View File
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

9

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**

1850

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**

209

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	No File Uploaded

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

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution fully realizes the importance of infrastructure in the teaching-learning process. It requires good infrastructure like spacious classrooms, laboratories with good equipment, Hygienic Canteen, excellent Transport facility, Wi-Fi campus providing internet facility in library and reading rooms, Play grounds, Power Backup etc.,

The Governing Body of the institution meets twice a year to plan the academic and administrative activities of the college. It is an annual practice proposing Budget and passing through the resolutions in the Governing Body meeting.

The policy of Institution focuses on:

- Development of up-to-date infrastructure facilities.
- Providing quality oriented education and facilities to both students and faculty
- Giving encouragement for research, development and consultancy services to faculty.
- Providing e- classrooms / seminar halls, conference halls etc.
- Providing 100% placements for the eligible candidates.

Provides the best in engineering education.

- Located in a pollution free environment.
- The faculty is of the best in its class
- Laboratories with Latest sophisticated equipment.
- Well stocked and fully computerized library.
- Personality development, Training & Placement.

- Provision of all the basic amenities within the campus.
- Encouraging extracurricular activities amongst students.
- Top of the line sports facilities.
- Proper residential facilities for both boys and girls

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

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

Sports

The college has been participating in the various inter college and state level tournaments. There are facilities for both indoor and outdoor games in sports. A sports day is conducted every year where the students get the opportunity to display their talent.

Outdoor Games

A spacious playground is available for outdoor games like Cricket Volleyball, Badminton etc. Indoor games like Table Tennis, Chess, Carom etc, are provided to students in the college campus. Besides the full time trainers, college uses the services of professional coaches to train students in games like Table Tennis, Volleyball and Cricket.

Following are the facilities provided by the College:

National Service Scheme (NSS):

The College has a NSS Unit with a total strength of 100 members, affiliated to a JNTUK. The Unit was established with an objective to cultivate the attitude of social service and have social awareness in the minds of students and to make them responsible citizens.

Cultural Activities

UCET organizes a National level Student Techno Cultural Fest, freshers' day, farewell day and annual day celebrations every year in the traditional manner. These are the platforms for the students to exhibit their innate talent and creativity.

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

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

28

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

26

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

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

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

9

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)

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

4.2.- Library as a Learning

4.2.1. Library is automated using Integrated Library Management System

The Library at UCET is integrated with knowledge resource centre, comprising, a Central Library in an area of 635.41 sq. m., with about 39885 volumes with 7614 titles of books, periodicals, references, and national and international journals and CD-ROMs, and all the Departmental Libraries. It is automated using Integrated Library Management System (ILMS) CLMS (College Library Management Software) Open-Source Integrated Software. It also has access to DELNET under institutional membership.

Initiatives taken by the UCET:

1. Free WI-FI facility
2. Internet access facility
3. Download and printout facility
4. Organization of Book Exhibitions/Display of new books.
5. Proper system of feedback from users to improve library services.
6. System of recommendation for purchase of books through Departments.

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

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

B. Any 3 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)

0.615 Lakhs

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

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

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

122

File Description	Documents
Any additional information	View File
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

UCET continuously strives to provide state-of-the-art technologies and update its ICT facilities to ensure efficient functioning.

Extensive infrastructure has been setup during the last five years:

IP based Surveillance

Remote

Cadence Design Software The infrastructure includes:

Desktops (Xeon, Intel i3, Dual Core, processor based with 4 to 32 GB RAM and 500 GB to 1TB HDD)

Laptops

Total number of systems=480

2Tower servers (Xeon4.2GHz,32GBRAM)

The IP Surveillance system and phone system was established in 2017 with the following configuration:

IPcamera(2MP,sony,vivitek,Axis,canon,cp-plus)=115

4NVRwith32TBofstorage

2CiscoSwitches

Fiber optic cables are used within campus in 2017, WIFI facility was installed with latest MicrotiK wireless controller base box 2 More than 250 desktops have been added to create new laboratories and to replace legacy systems.

These systems range from Intel core 2 duo to i3 based systems. Desktop Computers and Significant investment has been made to upgrade classrooms to e-classrooms/smart classrooms

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

4.3.2 - Number of Computers

485

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)

71.15

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

Transport committee:

This committee consists of two members, one from Science & Humanities Department and

Physical Director along with transport supervisor and vehicle supervisor. All the drivers should have valid driving license.

Campus beautification and maintenance activities:

A gardener has been designated for the responsibility of daily inspection, cleaning, watering, de-weeding, and maintenance of hedges, lawns and horticulture equipment. The supervisor ensures the timely servicing of the equipment needed for gardening.

Water Supply:

The College has a pumping station with automatic level monitoring/controlling facility for the constant water facility. The RO plant is run and maintained by back washing of filters in the RO plant.

Other relevant information regarding Infrastructure and learning resource which college would like to include

- Stationary store
- Neat & Clean Canteen

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/category/gallery/infrast_ructure/

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

714

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

188

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://ucet.edu.in/wp-content/uploads/2024/11/ANNUAL-REPORT-23-24.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

205

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

205

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

B. Any 3 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	View File
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

45

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**

8

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

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

8

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.**

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

Response: Students actively participate in various academic and administrative committees/cells, including the IQAC and various clubs. They also contribute to the Class Review Committee, playing key roles in planning, organizing, and executing college events. By encouraging active student involvement, the institution empowers students to develop essential skills like communication, teamwork, problem-solving, and leadership.

IQAC: The IQAC fosters a learner-centric environment by organizing inter- and intra-institutional workshops and seminars. These initiatives aim to internalize quality and a culture of continuous improvement. The cell documents these events and shares information with internal departments. **Class Monitoring Committee:** Department HoDs select students with leadership qualities to serve as class representatives. These representatives act as mentors between students and faculty. Twice a semester, the Principal, HoDs, and class representatives meet to discuss issues related to syllabus completion, teaching aids, and the overall teaching-learning process. **Various clubs:** UCET organizes annual Cultural Fests to foster a strong sense of technical and cultural identity among students. **Student Organizing Committee Administrating Bodies Anti-Ragging Committee:** Minimum 4 students from every branch. **Women's Grievance Committee:** Minimum 4 students from every branch. **Discipline Committee:** One student from every class from all the departments are members in this committee. **Canteen Committee:** Minimum 4 students from every branch **Hostel Committee:** Minimum 4 students from every branch

File Description	Documents
Paste link for additional information	https://ucet.edu.in/sports-dept-photos/
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

8

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

REPORT ON UCET ALUMINI- 2023

The Global Association of Universal College of Engineering and Technology was established in 2019 with the aim of strengthening the connections among graduates, fostering community bonds, and promoting social and intellectual engagement.

An alumnus refers to a former student who has attended or graduated from an institution. An alumni meet is an event where former students of the college gather, participate in organized activities, and share their experiences regarding their college life, careers, and higher education.

The Alumni Meet of Universal College of Engineering & Technology was held on 1st JUNE 2023. A total of 85 former students registered for the event, with 73 attending. The meet was scheduled to begin at 10:30 am, and by 11:00 am, all alumni were present at the venue Seminar Hall .

The event began with a lamp-lighting ceremony, followed by an address from Principal Dr. Ch. Kesava Reddy and Secretary & Correspondent Rev. Fr. M. Fathima Marreddy.

Outcome:

The Alumni traveled from distant places to encourage their juniors. The event was stimulating and enjoyable as all members shared their views and ideas, leading to valuable information and insights being exchanged.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/alumini_contribution.jpeg
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION AND MISSION

- Vision and mission are crucial for any institution as they define its purpose and direction .
- The vision represents the institutions long term goals, inspiring stakeholders to strive for excellence .
- It provides a clear picture of what the institution aspires to achieve in the future .

- The mission ,on the other hand ,outlines its core purpose and primary objectives ,guiding daily operations and decision making .
- Together they foster a sense of identity ,align efforts and motivate staff and the students .
- A strong vision and mission enhance credibility, attract, resources and ensure the institution remains focused on its goals, contributing to sustained growth and success.

QUALITY POLICY

- To uphold high standards in teaching and research while maintaining accountability in all our pursuits through a continuous process of introspection

CORE VALUES

- The former can help create a sense of purpose to improve communication and increase productivity whereas the latter can help create mutual respect and support among team members

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1.pdf
Upload any additional information	View File

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

Effective leadership is evident in our institution's practices, notably decentralization and participative management.

Decentralization empowers departments to make decisions, fostering autonomy and accountability. This approach encourages departments to take ownership of their goals and objectives, leading to increased efficiency and productivity.

Participative management encourages collaboration and input from stakeholders, promoting a sense of ownership and shared responsibility. This inclusive approach ensures diverse perspectives are valued, leading to informed decision-making and a more cohesive institutional community. By fostering a culture of collaboration and inclusivity, our institution demonstrates its commitment to effective leadership and governance. This, in turn, enhances our

institution's reputation, strengthens relationships with stakeholders, and ultimately benefits our students and the wider community.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

In order to uphold the standard of education in accordance with the institution's vision and mission, a formally articulated strategic plan is incorporated. Regular evaluations of the implemented strategic plan are carried out periodically, seeking feedback from diverse academic and administrative entities. The management, Principal, And Heads of Departments exert significant efforts to enhance the implementation of the plan's modules. Successfully Implemented: The institute has a strategic plan that was enacted in 2016, incorporating the establishment of IQAC oversees to evaluate the quality of teaching and learning. IQAC oversees all significant activities related to teaching and learning, as well as academic administrative planning and implementation.

Through the ongoing and concerted efforts of IQAC, there has been a transformation from a traditional teacher-centric approach to a student-centric one. Among the initiatives undertaken by IQAC are ensuring student-centric, ICT-enabled, and interactive teaching and learning methods. Eminent academicians from renowned institutions were invited to conduct guest lectures on themes related to quality. Additionally, expert sessions focusing on various participative teaching and learning methods are regularly organized.

Monitoring student academic progress periodical review on the teaching-learning process perspective plan for the next 5 years:

To achieve NBA Accreditation

To achieve permanent affiliation to JNTUK

Strengthen industry - institute interaction.

To achieve a position among the top 200 institutions at prestigious NIRF Ranking.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.2.1.-final.pdf
Upload any additional information	View File

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 institute has clearly defined its purpose and established an effective decision support system through its hierarchy and structure. This organizational chart sustains organizational capacity and ensures effective education by engaging all members in various cells and committees.

The Head of the Institution, the Principal, all Heads of Departments (HoDS), along with faculty members, consistently review the progress and address issues within different committees.

The institutional organization is as follows:

The society: The Diocese of Guntur Society was registered on October 28, 1940, under the societies Registration Act of 1860 (Act No:XXI of 1860), S.No.HI of 1940-41.

Its registered office is located in Guntur. The society is chaired by Most Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur Society).

The Governing Body, which comprises the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer, approves various academic and administrative activities, as well as policy matters of the college.

The Principal serves as the chief academic administrator and intermediary between the Management, staff, and students.

HoDS are responsible for the departments's functioning in accordance with the college's imposed policies.

The Administrative Officer oversees accounts, budgets, Purchases, stores, admissions, and assists the Principal in the day-to-day administration of the college.

File Description	Documents
Paste link for additional information	http://ucet.edu.in/wp-content/uploads/2024/12/6.2.2-final.pdf
Link to Organogram of the Institution webpage	https://ucet.edu.in/organisation-chart/
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

Employee Benefits

Universal College of Engineering and Technology offers various benefits to promote healthy employee relations, motivate staff, and provide security against social risks.

Statutory Benefits

- Employee State Insurance (ESI)
- Employee Provident Fund (EPF) for non-teaching staff

- Medical Leaves
- Maternity Leaves

Additional Benefits

- Free transportation service
- Reimbursement for attending international/national conferences, workshops, and FDPs
- Financial support for medical emergencies
- Special leaves for emergencies
- Casual leaves (15 days/year)

Leave Policy

- Casual Leaves: 15 days/year, prior approval required
- Special Leave: up to 7 days/year for attending seminars/workshops
- Half Pay Leaves: up to 20 days/year for medical grounds
- Maternity Leave: 90 days for the first two issues on no-pay basis

Transportation Facility

- College-run transport buses in Guntur district
- Staff must arrive 5 minutes before the allotted time at designated boardingpoints

Financial Benefits

- Reimbursement for attending national/international conferences, workshops, and FDPs

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.3.1-FinalFile.pdf
Upload any additional information	View File

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

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

42

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

25

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

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

The UCET institution evaluates staff performance across the three key domains: academics, research, and extracurricular activities.

Teaching Staff

1. Academic performance and teaching quality
2. Co-curricular and professional development
3. Research and scholarly contributions
4. Personal and professional attributes

Non-Teaching Staff

1. Technical contributions
2. Regularity, punctuality, and attendance
3. Lab and equipment maintenance
4. Administrative tasks
5. Interpersonal skills and teamwork

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.3.5-Final-File2023-2024.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

The institution possesses all the requisite tools for exemplary financial management, including a dedicated accounts division equipped with a fully digitized ECAP system. Access to the management of bank accounts is restricted to authorized personnel, ensuring security and accountability. Tuition fees constitute the primary revenue stream for the institution, with the majority of these fees transacted in cash through the accounts office. Salaries for both teaching and non-teaching staff are disbursed exclusively through bank transfers, underscoring the institution's commitment to systematic financial practices. The administration has designated internal and external auditors to rigorously oversee financial operations. These audits are conducted quarterly, and meticulously verified reports are forwarded to the Principal and the management for further deliberation and action. Internal Audit: The internal auditor diligently reviews and validates the funds accrued from admission fees and other student contributions for academic events such as conferences and workshops. Salary statements and miscellaneous payments undergo regular and comprehensive scrutiny to ensure accuracy and compliance. External Audit: A professional chartered accounting firm is entrusted with conducting external audits on a routine basis. To uphold transparency, the institution submits detailed income and expenditure statements for review. According to the audit report, the financial year 2023-2024 has been devoid of any significant audit discrepancies, reflecting the institution's impeccable fiscal governance.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.4.1-FINAL.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	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The tuition fee is the primary source of funding for the college. At the start of each year, the management allocates a specific budget based on the requirements of various departments. The College Finance Committee periodically reviews financial reports and forwards them, through the principal, to the accounts section. Departments are instructed to operate within the allocated budget limits. Any deviations from the budget must be justified by the respective department heads. The revenue from tuition is utilized for campus maintenance and staff salary disbursement. Additional charges are levied for transportation and hostel facilities. In case of financial constraints, the management is prepared to invest its own resources or secure bank loans to meet the institution's needs. The college prioritizes the efficient and effective utilization of all available funds.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.4.3-FINAL.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) is the cornerstone for elevating academic excellence. Through meticulous review meetings, academic calendars, and co-curricular activities, IQAC redefines academic paradigms.

Key contributions include:

Curriculum Enrichment: Meticulous design and review of curricula.

Faculty Empowerment: Advanced training initiatives for perpetual growth.

Student-Centric Feedback: Sophisticated systems for garnering and analyzing student feedback.

Excellence in Assessment: Ensuring integrity and efficacy of assessment methodologies.

Technological Integration: Seamless infusion of technology into pedagogical practices.

Through proactive engagement, IQAC cultivates a culture of perpetual advancement, ensuring benefits for educators and learners. By formulating and implementing robust policies, IQAC sustains and elevates academic standards, fostering an enriched academic environment.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/5.1-PROOF.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

Since its establishment in 2016, the college's IQAC has been instrumental in enhancing the quality of instruction, learning, and assessment. While fostering a research-oriented culture among faculty members, the IQAC continually assesses the educational process, monitors infrastructure advancements, and identifies opportunities for introducing new, relevant courses.

Initiatives and Events

The IQAC has planned the following events and initiatives:

Initiatives and Events

The IQAC has planned the following events and initiatives:

1. National NEP 2020 Seminar: A conference focused on the National Education Policy 2020.
2. College Prospectus and Academic Calendar: Creation and publication of these essential documents.
3. Industrial Camp Setup: Establishing a platform for industry-institution interaction.
4. ISO Accreditation: Pursuing international quality standards certification.
5. AISHE Portal Updates: Ensuring timely and accurate submission of institutional data.
6. Green Audit: Conducting an external audit to assess environmental sustainability.
7. ITC Integration: Encouraging the use of information technology in

daily operations.

8. AQAR Preparation: Assisting in the preparation of the Annual Quality Assurance Report.

9. Workshops and Seminars: Organizing events to enhance faculty and student development.

10. Annual Report: Compiling and publishing the college's annual report.

11. Quarterly Meetings: Conducting regular meetings to monitor progress and discuss quality-related issues.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.5.2-PROOF.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://ucet.edu.in/wp-content/uploads/2024/12/6.5.3-PROOFS_11.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

Promoting gender equality is essential for fostering a fair and global community. The institute actively encourages gender awareness, equal access, cultural transformation, and the elimination of stereotypes through various co-curricular activities like, workshops, seminars, guest lectures, debates, and quizzes. Besides, periodic awareness initiatives are conducted to address the safety concerns of female workforce and students.

To support the well-being of both students and staff, the institute has established a Grievance Redressal Committee, an Anti-Ragging Cell, and a Student Discipline Committee.

A specialized Counseling Committee is available to support students' academic, emotional, social, and intellectual growth, offering personalized guidance at multiple stages of their education.

* Surveillance cameras are installed across the campus, enhancing the security of students and female staff members.

* A shared open space with greenery is provided for students, prioritizing their mental and physical well-being.

* First Aid kits are strategically located around the campus for immediate medical assistance.

* A specialized Common Room is available for female students.

* The campus is comprehensively monitored with CCTV systems around the clock.

* Secure parking zones and well-maintained vehicles are provided to ensure safe transportation options.

* A visitor registration and monitoring system is in place to regulate and supervise campus access.

* Trained security staff patrols the premises and are prepared to respond quickly to incidents, thereby maintaining a secure campus atmosphere.

File Description	Documents
Annual gender sensitization action plan	https://ucet.edu.in/wp-content/uploads/2024/12/7.1.1-1.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://ucet.edu.in/wp-content/uploads/2024/12/7.1.1_geo.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

B. Any 3 of the above

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

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

Effective solid waste management is crucial for maintaining a clean and sustainable environment.

At the institute, we implement effective solid waste management by categorizing waste into dry and wet types, with designated dustbins placed at the point of generation. Organic waste from the canteen, along with dry leaves from the garden, is collected and composted in a dedicated pit, which then serves as nutrient-rich manure for our trees and plants.

Liquid waste management:

The institute has a water purification plant with a capacity of 6000 liters. After filtration, 3000 liters of wastewater is collected and used for the college horticulture.

Biomedical waste management:

As there is no discipline of biomedical courses in the institution, no medical biowaste is generated.

E-Waste Disposal:

The amount of e-waste in the ucet is very low. The facility has a resident contractor who processes e-waste in a scientific manner, while the broken equipment from the computer room is properly stored in the storage room.

Below are some of the practices for e-waste disposal:

- Recycle or safely dispose of white goods, computers and electrical appliances.
- Use reusable resources and containers

The waste recycling system:

Involves the disposal of organic materials, such as canteen refuse and fallen leaves, into a designated pit where they undergo decomposition. This process transforms the waste into manure, which is subsequently utilized for planting purposes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://ucet.edu.in/wp-content/uploads/2024/12/7.1.3_geo.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:

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	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 following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment

B. Any 3 of the above

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

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

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

Cultural:

Pre-Pongal Celebrations:

?The Cultural Committee orchestrates the annual Pre-Pongal celebrations with grandeur, embodying traditional customs.

?Faculty members and students don vibrant ethnic attire, enhancing the festive ambiance. As a hallmark of the event, students prepare the quintessential Pongal dish in an authentic manner, sharing it generously with all attendees.

?Additionally, a plethora of cultural performances, such as kolatam and traditional folk dances, are curated by the Cultural Committee to captivate the audience.

Regional:

Semi-Christmas celebration:

Semi-Christmas Revelry:

- The Cultural Committee organizes the Semi-Christmas celebrations with an effervescent festive spirit on the college premises.
- The campus transforms into a vibrant spectacle adorned with multicolored flags, luminous balloons, and a magnificently decorated Christmas tree accompanied by an intricately designed crib.
- The festivities commence with students delivering mellifluous Christmas carols, setting an enchanting tone.
- Following this, the principal delivers an inspiring Christmas message.
- The highlight of the event is the delightful appearance of Santa Claus, bearing a treasure trove of gifts.
- Christmas, a festival symbolizing joy and benevolence, inspires the spirit of sharing and camaraderie among students and staff.
- On this auspicious occasion, they exchange heartfelt wishes and contribute generously in the form of money, clothing, or groceries, which the NSS Unit distributes to an old age home or orphanage.
- The celebrations culminate with the distribution of delectable cake for students and a sumptuous luncheon for the faculty.

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	View File

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

College Societies organizes events and sensitization programs throughout the year. Events are spread throughout the year and planned well in advance. Special days such as World's Environment Day are celebrated in spirit. The Environmental Sensitization Action Plan is designed to conduct awareness programs and sessions for students and faculty members. Following is the list of events/ activities organized in the last academic year (2023-2024).

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 **A. All of the above**

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

Independence Day:

The institution commemorates Independence Day annually to rekindle the spirit of patriotism and to pay tribute to the illustrious history of our nation.

Teachers' Day:

This day is observed in honor of the birthday of Dr. S. Radha Krishnan.

Engineers' Day:

This day is observed in honor of the birthday of Dr. M. Vishweshwaraiah.

National Unity Day:

The birth anniversary of Sardar Vallabhbhai Patel, who served as the first Home Minister of Independent India, is commemorated as National Unity Day.

Ayurveda Day:

National Ayurveda Day has been observed annually on the occasion of Dhanwantari Jayanti since 2016. This celebration highlights the significance of Ayurveda.

Republic Day:

The institute observes Republic Day annually on January 26th. This day holds significant importance in India's history, marking the moment when the Constitution of India was officially enacted on January 26th, 1950. Celebrated...

Indian Constitution Day:

Constitution Day is observed annually on November 26th in our nation to honor the adoption of the Constitution of India.

Women's Day:

International Women's Day is a worldwide observance that honors the historical, cultural, and political contributions of women. This day also serves as a platform to advocate for action against gender inequality on a global scale. It is celebrated annually.

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	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format

provided in the Manual.

Best Practice I :

Title of the Practice: Improving the skill set of students.

Objective: To enhance the following skills among the students:

Technical competence

- Interpersonal Skills
- Employability skill

The Context:

The institution aspires to establish itself as a Centre of Excellence. Students from diverse educational backgrounds require training to enhance both their technical and employability skills. In response to these needs, the institution is providing outstanding facilities to support students in skill development and the attainment of their career objectives. Additionally, the institution is dedicated to offering young adult learners opportunities to cultivate their ethical standards and leadership capabilities.

Best Practice 2:

Title of the Practice: "Training students in cutting edge Open Source Software"

Objectives of the practice:

1. The objective is to provide supplementary courses that enhance the educational experience for students from various fields of study.
2. The aim is to encourage widespread adoption of Open Source Software among both students and faculty members.
3. The goal is to extend software education to students in all disciplines, enabling them to achieve excellence in their respective areas of expertise.

It is essential to provide students from diverse backgrounds, varying economic statuses, and different linguistic abilities with access to software education in a manner that is both student-

friendly and affordable. Additionally, there is a necessity to produce graduates who possess discipline-specific knowledge and skills in software, enabling them to address the particular requirements of Artificial Intelligence within their respective fields.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

The NSS unit facilitates a variety of events, such as tree planting initiatives and educational field trips, alongside other extracurricular, sports, and cultural activities aimed at raising awareness among students about pressing social issues. A session dedicated to human values is planned at the college, where the NSS Programme officer fosters open discussions on diverse topics with the students.

Students are motivated to participate in competitions focused on environmental challenges and are taken on excursions to relevant organizations. They are also encouraged to engage in community health initiatives across several villages, which primarily aim to educate women on the prevention and management of health concerns.

Through the proactive efforts of the NSS unit, which undertakes numerous activities to instill social values, there is a significant emphasis on promoting societal development among students. Throughout the year, the NSS unit organizes a variety of initiatives, including the planting of different saplings on school grounds to enhance environmental awareness among students.

The beneficiaries remain central to our mission, as we believe they are the key to their own achievements.

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

Universal College of Engineering & Technology (UCET) is affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada and follows the curriculum prescribed by the university. An academic committee consists of Head of Departments and headed by the Principal prepares the academic calendar of the college in line with JNTUK academic calendar and also the concerned departments prepare their departmental academic calendars for successful implementation of curriculum.

For the up-gradation of subject-related knowledge, college organizes seminars, conferences, and workshops. Library provides NDLI (National Digital libraries of India), NDLI Club, DELNET (e-journals), ASCE (American Society of Civil Engineering), ASME (American Society of Mechanical Engineering), Digital Library, BookBank facility etc. During each semester, two internal tests are conducted as per the academic calendar.

The quality of the internal test is maintained through following process:

For every subject, respective faculty prepares question bank that covers all the topics. Questions are framed, such that they adhere to course Outcomes and JNTUK standards in line with BLOOMS TAXONOMY LEVELS. At the end of every academic year, feedback from teachers, students, alumni and stakeholders is collected by IQAC, then it is analyzed and forwarded to academic committee.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1-CAC.pdf

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

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examinations.

As an affiliated institution of JNTUK, evaluation norms of the university are followed. The university has adopted a major reform in evaluation by introducing Credit based grading system from the academic year 2023-24 and the institute has adopted the same. The college has adopted a method of assessing the academic performance of the students on a continuous basis.

UCET follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE). The institute prepares College Academic Calendar (CAC) and subsequently every department prepares Department Academic Calendar (DAC). College Academic Calendar of events includes details like the total number of working days and holidays, CIE dates etc. The department calendar comprises guest lectures, workshops and industrial visits, other co-curricular and extra-curricular activities. The academic activities, CIE, and all activities are conducted in adherence to the calendar of events except unforeseen circumstances.

The academic calendars help faculty members to plan their respective course delivery research work academic and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members. Syllabus coverage for each CIE is decided well in advance and faculty members adhere to it.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1.2-CIE-Main-Data.pdf

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

C. Any 2 of the above

UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

10

File Description	Documents
Any additional information	View File
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)

5

File Description	Documents
Any additional information	View File
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

35

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

30

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

1.3 - Curriculum Enrichment

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

Response: The University Introduced courses on Environmental Studies, IPR&P, PE&HV and Renewable Energy sources into curriculum which is being implemented by the institution.

The Institute (UCET) follows curriculum prescribed by the University and integrates various socially relevant cross-cutting issues like ethics, human values, environment, etc., across UG and PG programs to sensitize the students

IPR&P: In today's dynamic and knowledge based industrial environment, IPRs are key elements needed to maintain the competitive edge of any industry. IPRs impart success to the business enterprise by creating and preserving exclusive markets.

The success of entire industries ranging from pharmaceuticals, biotechnology, computer software, recorded entertainment and electronic commerce depends on the specification and enforcement of private rights to market their products .In an era in which technological change is expanding dramatically, and the costs of copying digital products and new technologies are falling drastically, the search for appropriate and equitable systems of protection takes on great urgency.

IPRs provide an important foundation for promoting technology transfer, local innovation and economic growth in the long run.

ENVIRONMENTAL STUDIES

PROFESSIONAL ETHICS AND HUMAN VALUES**RENEWABLE ENERGY SOURCES****GENDER SENSITIZATION**

File Description	Documents
Any additional information	View File
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**15**

File Description	Documents
Any additional information	View File
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	View File
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**201**

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

1.4 - Feedback System

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ucet.edu.in/grievance-form/

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

474

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

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

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

95

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution has developed well-structured, multi-tiered strategies that are regularly implemented to address the diverse learning needs of students. Initial insights into students' learning abilities are gathered through their performance in qualifying exams, entrance tests, and an induction training program held right after admission. Students are grouped into slow, average, and advanced learners based on their performance in the first series of internal exams.

- Remedial classes are organized for slow learners on specific days, either before or after regular class hours, for each course. During these sessions, students receive individual attention to help improve their learning, problem-solving, and presentation skills.
- At the same time, the needs of average, progressive, and advanced learners are addressed by the faculty through assignments, seminars, and, most importantly, group discussions. Peer learning is very effective because all members benefit from it.
- Slow learners receive extra support through one-on-one counseling from the faculty in Educational Psychology and regular counseling sessions with the class in-charge. These

efforts help resolve most student issues, and if needed, parents are invited to provide additional support to their child.

- To support advanced learners, the college offers or encourages programs such as coding contests, special training on problem-solving, and campus-specific training. Students can also take extra courses like NPTEL MOOCs, etc.,

File Description	Documents
Link for additional Information	https://ucet.edu.in/wp-content/uploads/2024/12/2.2.1-FINAL.pdf
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
970	109

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Our college focuses on making the teaching and learning process one of its key strengths. We combine traditional and modern methods to create a student-focused and enjoyable learning experience. We use practical learning, interactive sessions, and problem-solving approaches to help students grow holistically and develop skills for lifelong learning and knowledge management.

Participative Learning Methods:

1. Designing Solutions: 2. Mind Maps for Creativity: 3. Flipped Classes and Blended Learning: 4. Mandatory Online Courses (MOOCs): 5. Project Work with Latest Technologies: 6. Participation in Professional Societies: 7. Improving

Communication Skills: Industry interaction and summer training

1. Industrial / field visits, Practical training / internship at Industry and/or renowned institutions like TCS, Infosys, ONGC, IISc etc. are mandatory at present.
2. Industry projects and collaborations are undertaken to enrich students with pre-employment training.
3. Periodical Guest lectures on topics relevant to employment skills by personnel from respective organizations / industry.

Experiential learning

1. Practical courses (laboratory) including virtual labs (Ex: IITB spoken tutorials etc) are made compulsory in the curriculum.

Problem solving methodologies adopted are Giving assignments and quizzes at the end of instruction of each unit.

1. Case Study Analysis and Discussion.
2. Product Design and development.

All academic activities are aimed at elevating the students' knowledge, skills and build confidence in them.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.3.1.pdf

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

The faculty at our institution actively uses ICT tools in the classroom to enhance understanding, reinforce concepts, and support problem-solving. These tools complement traditional teaching methods and enable innovative approaches to enrich the learning experience.

Our institution is well-equipped with the necessary resources,

including:

- A large number of computers available in engineering departments and the library,
- High-speed internet access, and
- ICT proficiency among students and faculty.

Teaching and Learning Methodologies:

The institution adopts various ICT-enabled methods, including:

- Illustrations and special lectures using multimedia tools,
- Field studies and case studies,
- Project-based learning and experimental methods,
- Flipped classroom sessions, and more.

These approaches aim to make learning engaging, interactive, and impactful for students.

Conventional and Blended Learning Approaches:

The traditional lecture method allows teachers to explain, interpret, and review the content of a topic, ensuring students gain a clear understanding of the subject. At the end of each unit, students are given specific assignments to deepen their learning.

To make lectures more effective, they are designed as interactive learning dialogues. These include short breaks where students:

- Recap their knowledge by answering questions,
- Engage in brief peer group discussions,
- Participate in think-pair-share activities, or
- Take part in other interactive sessions.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ucet.edu.in/wp-content/uploads/2024/12/2.3.2-SCAN-COPIES.pdf

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**70**

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****109**

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****5**

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

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

2.4.3.1 - Total experience of full-time teachers

692

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

2.5 - Evaluation Process and Reforms

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

Internal assessments are conducted with complete transparency, strictly adhering to the guidelines provided by the university. At the start of each semester, faculty members brief students about the various components of the assessment process, ensuring clarity and preparedness. Internal assessment test schedules are meticulously prepared as per university directives and are communicated well in advance through official circulars issued by the examination coordinator with the principal's approval.

The evaluation process is handled with precision and promptness. Subject faculty members evaluate the answer scripts within two days of the examination. To uphold the integrity of the evaluation process, the Internal Quality Assurance Cell (IQAC) performs random verification of the corrected answer scripts. Once verified, these scripts are distributed to students for their review, allowing them to check their marks. In cases of discrepancies, students are encouraged to approach the concerned faculty or the Head of the Department (HoD) for resolution.

Marks are consistently communicated to parents and displayed on departmental notice boards to ensure transparency. For project evaluations, a Project Review Committee, in collaboration with project guides, assesses the quality and effort involved in the projects. This systematic approach ensures a fair and transparent assessment process, fostering trust and academic integrity.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.5.1-FINAL.pdf

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

The conduct of internal and external examinations is carried out with strict adherence to guidelines to ensure fairness, transparency, and academic integrity.

Internal Examinations: The corrected answer scripts are returned to students within two days after the examination, allowing them to review their performance promptly. The finalized marks are uploaded to the university portal for approval by the university authorities. Following this, the university releases the MID-I and MID-II marks to the college before the publication of final results. Once the results are published, no changes to internal marks are permitted, ensuring the integrity of the assessment process.

External Examinations: The question papers for external examinations are prepared by subject experts, and one is finalized by the Controller of Examinations at JNTUK. On the day of the examination, the encrypted question papers are sent to the college one hour before the exam's commencement. The Controller of Examinations at the college decrypts the paper in the presence of the university observer and the Chief Superintendent, ensuring secure handling of the examination process.

For the evaluation of scripts, the university appoints a Chief Examiner and evaluators. The Chief Examiner oversees the distribution of marks and ensures uniform valuation as per the evaluation scheme. Students can address issues related to valuation through recounting, revaluation, or challenge evaluation within the stipulated timeframe provided by the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.5.2-FINAL.pdf

2.6 - Student Performance and Learning Outcomes

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

The institution adopts the 12 well-defined Graduate Attributes identified as Program Outcomes (POs) by the NBA. Course Outcomes (COs) are systematically defined for all courses, considering inputs from key stakeholders such as the university, faculty, and alumni. Similarly, Program Specific Outcomes (PSOs) are meticulously formulated through a collaborative process.

Each course is assigned a minimum of six COs, while each program defines two to three PSOs. COs are thoughtfully mapped to POs and PSOs, which are further aligned with Program Educational Objectives (PEOs). The COs are designed in adherence to Bloom's taxonomy to ensure measurable and achievable learning objectives.

The process involves detailed scrutiny, with COs first discussed by the Class Review Committee for the relevant course. Subsequently, the departmental committee or Head of the Department (HOD) reviews and approves them. The faculty responsible for the course compiles a comprehensive Course File, including the COs and their mappings with POs and PSOs, incorporating Bloom's taxonomy.

Furthermore, all mappings—COs with POs and PSOs, POs and PSOs with PEOs, and PEOs with the department's Vision and Mission—are transparently displayed on the college website under the departmental section, ensuring accessibility and clarity for stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.1.1FINAL.pdf
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.

The attainment of Program Outcomes (POs) and Course Outcomes (COs) is a critical part of evaluating the effectiveness of educational programs within an institution. These outcomes reflect the knowledge, skills, and abilities that students are expected to gain by the end of a program or course. To assess this attainment, institutions typically use a combination of direct and indirect evaluation methods.

Direct methods include assignments, exams, projects, and presentations, where students' performance is measured against predefined learning objectives. These assessments help determine if students have acquired the required competencies for each course or program. Rubrics and grading schemes aligned with POs and COs are often used to ensure consistency and fairness in evaluation.

Indirect methods involve surveys, self-assessment reports, alumni feedback, and employer surveys to gauge how well the graduates are meeting the expected outcomes in real-world scenarios. This provides valuable insights into the long-term effectiveness of the educational program.

Furthermore, institutions often conduct periodic reviews through internal and external audits, accreditation processes, and faculty discussions to ensure that the curriculum is aligned with industry standards and evolving academic trends. The data collected from both direct and indirect methods are then analyzed to identify areas for improvement, ensuring continuous enhancement of teaching, learning, and assessment strategies.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.2-FINAL.pdf

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

153

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	https://ucet.edu.in/wp-content/uploads/2024/12/2.6.3-FINAL.pdf

2.7 - Student Satisfaction Survey

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

<http://ucet.edu.in/wp-content/uploads/2024/12/2.7.1-Student-Satisfaction-Survey-new.xlsx>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	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

0

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

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

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

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**

11

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

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

6

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 National Service Scheme (NSS) Unit of Universal College of Engineering and Technology is a self-sponsored public service program aimed at developing the personality and character of student youth through voluntary community service. The NSS unit of UCET comprises more than 100 volunteers led by a Programme Officer (PO). By the students, various activities like Swachh Bharat, Yoga Day, Clean and Green, blood donation camps, sibling distribution, tree planting, adult literacy programs, health and hygiene awareness, environmental conservation, and more will be conducted through the NSS unit.

Special camping programs are also organized annually in adopted

areas, focusing on specific themes like youth development, social harmony, and national integration.

The NSS unit aims to instill a sense of social responsibility, leadership qualities, and community service among students, ultimately contributing to their holistic development.

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

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	View File
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

9

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

1850

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

209

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	No File Uploaded

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

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

10

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The institution fully realizes the importance of infrastructure in the teaching-learning process. It requires good infrastructure like spacious classrooms, laboratories with good equipment, Hygienic Canteen, excellent Transport facility, Wi-Fi campus providing internet facility in library and reading rooms, Play grounds, Power Backup etc.,

The Governing Body of the institution meets twice a year to plan the academic and administrative activities of the college. It is an annual practice proposing Budget and passing through the resolutions in the Governing Body meeting.

The policy of Institution focuses on:

- Development of up-to-date infrastructure facilities.
- Providing quality oriented education and facilities to both students and faculty
- Giving encouragement for research, development and consultancy services to faculty.
- Providing e- classrooms / seminar halls, conference halls etc.
- Providing 100% placements for the eligible candidates.

Provides the best in engineering education.

- Located in a pollution free environment.
- The faculty is of the best in its class
- Laboratories with Latest sophisticated equipment.
- Well stocked and fully computerized library.
- Personality development, Training & Placement.
- Provision of all the basic amenities within the campus.
- Encouraging extracurricular activities amongst students.
- Top of the line sports facilities.
- Proper residential facilities for both boys and girls

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

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

Sports

The college has been participating in the various inter college and state level tournaments. There are facilities for both indoor and outdoor games in sports. A sports day is conducted every year where the students get the opportunity to display their talent.

Outdoor Games

A spacious playground is available for outdoor games like Cricket Volleyball, Badminton etc. Indoor games like Table Tennis, Chess, Carom etc, are provided to students in the college campus. Besides the full time trainers, college uses the services of professional coaches to train students in games like Table Tennis, Volleyball and Cricket.

Following are the facilities provided by the College:

National Service Scheme (NSS):

The College has a NSS Unit with a total strength of 100 members, affiliated to a JNTUK. The Unit was established with an objective to cultivate the attitude of social service and have social awareness in the minds of students and to make them responsible citizens.

Cultural Activities

UCET organizes a National level Student Techno Cultural Fest, freshers' day, farewell day and annual day celebrations every year in the traditional manner. These are the platforms for the students to exhibit their innate talent and creativity.

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

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

28

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

26

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

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

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

9

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)

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

4.2.- Library as a Learning

4.2.1. Library is automated using Integrated Library Management System

The Library at UCET is integrated with knowledge resource centre, comprising, a Central Library in an area of 635.41 sq. m., with about 39885 volumes with 7614 titles of books, periodicals, references, and national and international journals and CD-ROMs, and all the Departmental Libraries. It is automated using Integrated Library Management System (ILMS) CLMS (College Library Management Software) Open-Source Integrated Software. It also has access to DELNET under institutional membership.

Initiatives taken by the UCET:

1. Free WI-FI facility
2. Internet access facility
3. Download and printout facility
4. Organization of Book Exhibitions/Display of new books.
5. Proper system of feedback from users to improve library services.
6. System of recommendation for purchase of books through Departments.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 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)
0.615 Lakhs

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)
4.2.4.1 - Number of teachers and students using library per day over last one year
122

File Description	Documents
Any additional information	View File
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

UCET continuously strives to provide state-of-the-art technologies and update its ICT facilities to ensure efficient functioning.

Extensive infrastructure has been setup during the last five years:

IP based Surveillance

Remote

Cadence Design Software The infrastructure includes:

Desktops (Xeon, Intel i3, Dual Core, processor based with 4 to 32 GB RAM and 500 GB to 1TB HDD)

Laptops

Total number of systems=480

2Tower servers (Xeon4.2GHz,32GBRAM)

The IP Surveillance system and phone system was established in 2017 with the following configuration:

IPcamera(2MP,sony,vivitek,Axis,canon,cp-plus)=115

4NVRwith32TBofstorage

2CiscoSwitches

Fiber optic cables are used within campus in 2017, WIFI facility was installed with latest MicrotiK wireless controller base box 2 More than 250 desktops have been added to create new laboratories

and to replace legacy systems.

These systems range from Intel core 2 duo to i3 based systems. Desktop Computers and Significant investment has been made to upgrade classrooms to e-classrooms/smart classrooms

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

4.3.2 - Number of Computers

485

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)

71.15

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

Transport committee:

This committee consists of two members, one from Science & Humanities Department and

Physical Director along with transport supervisor and vehicle supervisor. All the drivers should have valid driving license.

Campus beautification and maintenance activities:

A gardener has been designated for the responsibility of daily inspection, cleaning, watering, de-weeding, and maintenance of hedges, lawns and horticulture equipment. The supervisor ensures the timely servicing of the equipment needed for gardening.

Water Supply:

The College has a pumping station with automatic level monitoring/controlling facility for the constant water facility. The RO plant is run and maintained by back washing of filters in the RO plant.

Other relevant information regarding Infrastructure and learning resource which college would like to include

- Stationary store
- Neat & Clean Canteen

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/category/gallery/infrastructure/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

714

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

188

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://ucet.edu.in/wp-content/uploads/2024/11/ANNUAL-REPORT-23-24.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

205

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

205

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

5.1.5 - The Institution has a transparent

B. Any 3 of the above

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

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	View File
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

45

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

8

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

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

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

8

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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

Response: Students actively participate in various academic and administrative committees/cells, including the IQAC and various clubs. They also contribute to the Class Review Committee, playing key roles in planning, organizing, and executing college events. By encouraging active student involvement, the institution empowers students to develop essential skills like communication, teamwork, problem-solving, and leadership.

IQAC: The IQAC fosters a learner-centric environment by organizing inter- and intra-institutional workshops and seminars. These initiatives aim to internalize quality and a culture of continuous improvement. The cell documents these events and shares information with internal departments. **Class Monitoring Committee:** Department HoDs select students with leadership qualities to serve as class representatives. These representatives act as mentors between students and faculty. Twice a semester, the Principal, HoDs, and class representatives meet to discuss issues related to syllabus completion, teaching aids, and the overall teaching-learning process. **Various clubs:** UCET organizes annual Cultural Fests to foster a strong sense of technical and cultural identity among students. **Student Organizing Committee** Adminstrating Bodies **Anti-Ragging Committee:** Minimum 4 students from every branch. **Women's Grievance Committee:** Minimum 4 students from every branch. **Discipline Committee:** One student from every class from all the departments are members in this committee. **Canteen Committee:** Minimum 4 students from every branch **Hostel Committee:** Minimum 4 students from every branch

File Description	Documents
Paste link for additional information	https://ucet.edu.in/sports-dept-photos/
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

8

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

REPORT ON UCET ALUMINI- 2023

The Global Association of Universal College of Engineering and Technology was established in 2019 with the aim of strengthening the connections among graduates, fostering community bonds, and promoting social and intellectual engagement.

An alumnus refers to a former student who has attended or graduated from an institution. An alumni meet is an event where former students of the college gather, participate in organized activities, and share their experiences regarding their college life, careers, and higher education.

The Alumni Meet of Universal College of Engineering & Technology was held on 1st JUNE 2023. A total of 85 former students registered for the event, with 73 attending. The meet was scheduled to begin at 10:30 am, and by 11:00 am, all alumni were present at the venue Seminar Hall .

The event began with a lamp-lighting ceremony, followed by an address from Principal Dr. Ch. Kesava Reddy and Secretary & Correspondent Rev. Fr. M. Fathima Marreddy.

Outcome:

The Alumni traveled from distant places to encourage their juniors. The event was stimulating and enjoyable as all members shared their views and ideas, leading to valuable information and insights being exchanged.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/alumini_contribution.jpeg
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION AND MISSION

- Vision and mission are crucial for any institution as they define its purpose and direction .
- The vision represents the institutions long term goals, inspiring stakeholders to strive for excellence .
- It provides a clear picture of what the institution aspires to achieve in the future .
- The mission ,on the other hand ,outlines its core purpose and primary objectives ,guiding daily operations and decision making .
- Together they foster a sense of identity ,align efforts and motivate staff and the students .
- A strong vision and mission enhance credibility, attract, resources and ensure the institution remains focused on its goals, contributing to sustained growth and success.

QUALITY POLICY

- To uphold high standards in teaching and research while

maintaining accountability in all our pursuits through a continuous process of introspection

CORE VALUES

- The former can help create a sense of purpose to improve communication and increase productivity whereas the latter can help create mutual respect and support among team members

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.1.pdf
Upload any additional information	View File

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

Effective leadership is evident in our institution's practices, notably decentralization and participative management. Decentralization empowers departments to make decisions, fostering autonomy and accountability. This approach encourages departments to take ownership of their goals and objectives, leading to increased efficiency and productivity.

Participative management encourages collaboration and input from stakeholders, promoting a sense of ownership and shared responsibility. This inclusive approach ensures diverse perspectives are valued, leading to informed decision-making and a more cohesive institutional community. By fostering a culture of collaboration and inclusivity, our institution demonstrates its commitment to effective leadership and governance. This, in turn, enhances our institution's reputation, strengthens relationships with stakeholders, and ultimately benefits our students and the wider community.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

In order to uphold the standard of education in accordance with the institution's vision and mission, a formally articulated strategic plan is incorporated. Regular evaluations of the implemented strategic plan are carried out periodically, seeking feedback from diverse academic and administrative entities. The management, Principal, and Heads of Departments exert significant efforts to enhance the implementation of the plan, modules. Successfully Implemented: The institute has a strategic plan that was enacted in 2016, incorporating the establishment of IQAC oversees to evaluate the quality of teaching and learning. IQAC oversees all significant activities related to teaching and learning, as well as academic administrative planning and implementation.

Through the ongoing and concerted efforts of IQAC, there has been a transformation from a traditional teacher-centric approach to a student-centric one. Among the initiatives undertaken by IQAC are ensuring student-centric, ICT-enabled, and interactive teaching and learning methods. Eminent academicians from renowned institutions were invited to conduct guest lectures on themes related to quality. Additionally, expert sessions focusing on various participative teaching and learning methods are regularly organized.

Monitoring student academic progress periodical review on the teaching-learning process perspective plan for the next 5 years:

To achieve NBA Accreditation

To achieve permanent affiliation to JNTUK

Strengthen industry - institute interaction.

To achieve a position among the top 200 institutions at prestigious NIRF Ranking.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.2.1.-final.pdf
Upload any additional information	View File

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 institute has clearly defined its purpose and established an effective decision support system through its hierarchy and structure. This organizational chart sustains organizational capacity and ensures effective education by engaging all members in various cells and committees.

The Head of the Institution, the Principal, all Heads of Departments (HoDS), along with faculty members, consistently review the progress and address issues within different committees.

The institutional organization is as follows:

The society: The Diocese of Guntur Society was registered on October 28, 1940, under the societies Registration Act of 1860 (Act No:XXI of 1860), S.No.HI of 1940-41.

Its registered office is located in Guntur. The society is chaired by Most Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur Society).

The Governing Body, which comprises the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer, approves various academic and administrative activities, as well as policy matters of the college.

The Principal serves as the chief academic administrator and intermediary between the Management, staff, and students.

HoDS are responsible for the departments's functioning in accordance with the college's imposed policies.

The Administrative Officer oversees accounts, budgets, Purchases, stores, admissions, and assists the Principal in the day-to-day administration of the college.

File Description	Documents
Paste link for additional information	http://ucet.edu.in/wp-content/uploads/2024/12/6.2.2-final.pdf
Link to Organogram of the Institution webpage	https://ucet.edu.in/organisation-chart/
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

Employee Benefits

Universal College of Engineering and Technology offers various benefits to promote healthy employee relations, motivate staff, and provide security against social risks.

Statutory Benefits

- Employee State Insurance (ESI)
- Employee Provident Fund (EPF) for non-teaching staff

- Medical Leaves

- Maternity Leaves

Additional Benefits

- Free transportation service

- Reimbursement for attending international/national conferences, workshops, and FDPs

- Financial support for medical emergencies

- Special leaves for emergencies

- Casual leaves (15 days/year)

Leave Policy

- Casual Leaves: 15 days/year, prior approval required

- Special Leave: up to 7 days/year for attending seminars/workshops

- Half Pay Leaves: up to 20 days/year for medical grounds

- Maternity Leave: 90 days for the first two issues on no-pay basis

Transportation Facility

- College-run transport buses in Guntur district

- Staff must arrive 5 minutes before the allotted time at designated boardingpoints

Financial Benefits

- Reimbursement for attending national/international conferences, workshops, and FDPs

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.3.1-FinalFile.pdf
Upload any additional information	View File

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

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

42

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

25

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

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

The UCET institution evaluates staff performance across the three key domains: academics, research, and extracurricular activities.

Teaching Staff

1. Academic performance and teaching quality
2. Co-curricular and professional development
3. Research and scholarly contributions
4. Personal and professional attributes

Non-Teaching Staff

1. Technical contributions
2. Regularity, punctuality, and attendance
3. Lab and equipment maintenance
4. Administrative tasks
5. Interpersonal skills and teamwork

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.3.5-Final-File2023-2024.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

The institution possesses all the requisite tools for exemplary financial management, including a dedicated accounts division equipped with a fully digitized ECAP system. Access to the management of bank accounts is restricted to authorized personnel, ensuring security and accountability. Tuition fees constitute the primary revenue stream for the institution, with the majority of these fees transacted in cash through the accounts office. Salaries for both teaching and non-teaching staff are disbursed exclusively through bank transfers, underscoring the institution's commitment to systematic financial practices. The administration has designated internal and external auditors to rigorously oversee financial operations. These audits are conducted quarterly, and meticulously verified

reports are forwarded to the Principal and the management for further deliberation and action. Internal Audit: The internal auditor diligently reviews and validates the funds accrued from admission fees and other student contributions for academic events such as conferences and workshops. Salary statements and miscellaneous payments undergo regular and comprehensive scrutiny to ensure accuracy and compliance. External Audit: A professional chartered accounting firm is entrusted with conducting external audits on a routine basis. To uphold transparency, the institution submits detailed income and expenditure statements for review. According to the audit report, the financial year 2023-2024 has been devoid of any significant audit discrepancies, reflecting the institution's impeccable fiscal governance.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.4.1-FINAL.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	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The tuition fee is the primary source of funding for the college. At the start of each year, the management allocates a specific budget based on the requirements of various departments. The College Finance Committee periodically reviews financial reports and forwards them, through the principal, to the accounts

section. Departments are instructed to operate within the allocated budget limits. Any deviations from the budget must be justified by the respective department heads. The revenue from tuition is utilized for campus maintenance and staff salary disbursement. Additional charges are levied for transportation and hostel facilities. In case of financial constraints, the management is prepared to invest its own resources or secure bank loans to meet the institution's needs. The college prioritizes the efficient and effective utilization of all available funds.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.4.3-FINAL.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) is the cornerstone for elevating academic excellence. Through meticulous review meetings, academic calendars, and co-curricular activities, IQAC redefines academic paradigms.

Key contributions include:

Curriculum Enrichment: Meticulous design and review of curricula.

Faculty Empowerment: Advanced training initiatives for perpetual growth.

Student-Centric Feedback: Sophisticated systems for garnering and analyzing student feedback.

Excellence in Assessment: Ensuring integrity and efficacy of assessment methodologies.

Technological Integration: Seamless infusion of technology into pedagogical practices.

Through proactive engagement, IQAC cultivates a culture of perpetual advancement, ensuring benefits for educators and learners. By formulating and implementing robust policies, IQAC

sustains and elevates academic standards, fostering an enriched academic environment.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/5.1-PROOF.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

Since its establishment in 2016, the college's IQAC has been instrumental in enhancing the quality of instruction, learning, and assessment. While fostering a research-oriented culture among faculty members, the IQAC continually assesses the educational process, monitors infrastructure advancements, and identifies opportunities for introducing new, relevant courses.

Initiatives and Events

The IQAC has planned the following events and initiatives:

Initiatives and Events

The IQAC has planned the following events and initiatives:

1. National NEP 2020 Seminar: A conference focused on the National Education Policy 2020.
2. College Prospectus and Academic Calendar: Creation and publication of these essential documents.
3. Industrial Camp Setup: Establishing a platform for industry-institution interaction.
4. ISO Accreditation: Pursuing international quality standards certification.
5. AISHE Portal Updates: Ensuring timely and accurate submission of institutional data.
6. Green Audit: Conducting an external audit to assess

environmental sustainability.

7. ITC Integration: Encouraging the use of information technology in daily operations.

8. AQAR Preparation: Assisting in the preparation of the Annual Quality Assurance Report.

9. Workshops and Seminars: Organizing events to enhance faculty and student development.

10. Annual Report: Compiling and publishing the college's annual report.

11. Quarterly Meetings: Conducting regular meetings to monitor progress and discuss quality-related issues.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/wp-content/uploads/2024/12/6.5.2-PROOF.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://ucet.edu.in/wp-content/uploads/2024/12/6.5.3-PROOFS_11.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

Promoting gender equality is essential for fostering a fair and global community. The institute actively encourages gender awareness, equal access, cultural transformation, and the elimination of stereotypes through various co-curricular activities like, workshops, seminars, guest lectures, debates, and quizzes. Besides, periodic awareness initiatives are conducted to address the safety concerns of female workforce and students.

To support the well-being of both students and staff, the institute has established a Grievance Redressal Committee, an Anti-Ragging Cell, and a Student Discipline Committee.

A specialized Counseling Committee is available to support students' academic, emotional, social, and intellectual growth, offering personalized guidance at multiple stages of their education.

* Surveillance cameras are installed across the campus, enhancing the security of students and female staff members.

* A shared open space with greenery is provided for students, prioritizing their mental and physical well-being.

* First Aid kits are strategically located around the campus for immediate medical assistance.

- * A specialized Common Room is available for female students.
- * The campus is comprehensively monitored with CCTV systems around the clock.
- * Secure parking zones and well-maintained vehicles are provided to ensure safe transportation options.
- * A visitor registration and monitoring system is in place to regulate and supervise campus access.
- * Trained security staff patrols the premises and are prepared to respond quickly to incidents, thereby maintaining a secure campus atmosphere.

File Description	Documents
Annual gender sensitization action plan	https://ucet.edu.in/wp-content/uploads/2024/12/7.1.1-1.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://ucet.edu.in/wp-content/uploads/2024/12/7.1.1_geo.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

B. Any 3 of the above

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

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

Effective solid waste management is crucial for maintaining a clean and sustainable environment.

At the institute, we implement effective solid waste management by categorizing waste into dry and wet types, with designated dustbins placed at the point of generation. Organic waste from the canteen, along with dry leaves from the garden, is collected and composted in a dedicated pit, which then serves as nutrient-rich manure for our trees and plants.

Liquid waste management:

The institute has a water purification plant with a capacity of 6000 liters. After filtration, 3000 liters of wastewater is collected and used for the college horticulture.

Biomedical waste management:

As there is no discipline of biomedical courses in the institution, no medical biowaste is generated.

E-Waste Disposal:

The amount of e-waste in the ucet is very low. The facility has a resident contractor who processes e-waste in a scientific manner, while the broken equipment from the computer room is properly stored in the storage room.

Below are some of the practices for e-waste disposal:

- Recycle or safely dispose of white goods, computers and electrical appliances.
- Use reusable resources and containers

The waste recycling system:

Involves the disposal of organic materials, such as canteen refuse and fallen leaves, into a designated pit where they undergo decomposition. This process transforms the waste into manure, which is subsequently utilized for planting purposes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://ucet.edu.in/wp-content/uploads/2024/12/7.1.3_geo.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

B. Any 3 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	View File

**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**

B. Any 3 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

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

Cultural:

Pre-Pongal Celebrations:

?The Cultural Committee orchestrates the annual Pre-Pongal celebrations with grandeur, embodying traditional customs.

?Faculty members and students don vibrant ethnic attire, enhancing the festive ambiance. As a hallmark of the event, students prepare the quintessential Pongal dish in an authentic manner, sharing it generously with all attendees.

?Additionally, a plethora of cultural performances, such as kolatam and traditional folk dances, are curated by the Cultural Committee to captivate the audience.

Regional:

Semi-Christmas celebration:

Semi-Christmas Revelry:

- The Cultural Committee organizes the Semi-Christmas celebrations with an effervescent festive spirit on the college premises.
- The campus transforms into a vibrant spectacle adorned with multicolored flags, luminous balloons, and a magnificently decorated Christmas tree accompanied by an intricately designed crib.
- The festivities commence with students delivering mellifluous Christmas carols, setting an enchanting tone.
- Following this, the principal delivers an inspiring Christmas message.
- The highlight of the event is the delightful appearance of Santa Claus, bearing a treasure trove of gifts.
- Christmas, a festival symbolizing joy and benevolence, inspires the spirit of sharing and camaraderie among students and staff.
- On this auspicious occasion, they exchange heartfelt wishes and contribute generously in the form of money, clothing, or groceries, which the NSS Unit distributes to an old age home or orphanage.
- The celebrations culminate with the distribution of delectable cake for students and a sumptuous luncheon for

the faculty.

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	View File

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

College Societies organizes events and sensitization programs throughout the year. Events are spread throughout the year and planned well in advance. Special days such as World's Environment Day are celebrated in spirit. The Environmental Sensitization Action Plan is designed to conduct awareness programs and sessions for students and faculty members. Following is the list of events/ activities organized in the last academic year (2023-2024).

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	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

Independence Day:

The institution commemorates Independence Day annually to rekindle the spirit of patriotism and to pay tribute to the illustrious history of our nation.

Teachers' Day:

This day is observed in honor of the birthday of Dr. S. Radha Krishnan.

Engineers' Day:

This day is observed in honor of the birthday of Dr. M. Vishweshwaraiah.

National Unity Day:

The birth anniversary of Sardar Vallabhbhai Patel, who served as the first Home Minister of Independent India, is commemorated as National Unity Day.

Ayurveda Day:

National Ayurveda Day has been observed annually on the occasion of Dhanwantari Jayanti since 2016. This celebration highlights the significance of Ayurveda.

Republic Day:

The institute observes Republic Day annually on January 26th.

This day holds significant importance in India's history, marking the moment when the Constitution of India was officially enacted on January 26th, 1950. Celebrated...

Indian Constitution Day:

Constitution Day is observed annually on November 26th in our nation to honor the adoption of the Constitution of India.

Women's Day:

International Women's Day is a worldwide observance that honors the historical, cultural, and political contributions of women. This day also serves as a platform to advocate for action against gender inequality on a global scale. It is celebrated annually.

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	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice I :

Title of the Practice: Improving the skill set of students.

Objective: To enhance the following skills among the students:

Technical competence

- Interpersonal Skills
- Employability skill

The Context:

The institution aspires to establish itself as a Centre of

Excellence. Students from diverse educational backgrounds require training to enhance both their technical and employability skills. In response to these needs, the institution is providing outstanding facilities to support students in skill development and the attainment of their career objectives. Additionally, the institution is dedicated to offering young adult learners opportunities to cultivate their ethical standards and leadership capabilities.

Best Practice 2:

Title of the Practice: "Training students in cutting edge Open Source Software"

Objectives of the practice:

1. The objective is to provide supplementary courses that enhance the educational experience for students from various fields of study.
2. The aim is to encourage widespread adoption of Open Source Software among both students and faculty members.
3. The goal is to extend software education to students in all disciplines, enabling them to achieve excellence in their respective areas of expertise.

It is essential to provide students from diverse backgrounds, varying economic statuses, and different linguistic abilities with access to software education in a manner that is both student-friendly and affordable. Additionally, there is a necessity to produce graduates who possess discipline-specific knowledge and skills in software, enabling them to address the particular requirements of Artificial Intelligence within their respective fields.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

The NSS unit facilitates a variety of events, such as tree planting initiatives and educational field trips, alongside other extracurricular, sports, and cultural activities aimed at raising awareness among students about pressing social issues. A session dedicated to human values is planned at the college, where the NSS Programme officer fosters open discussions on diverse topics with the students.

Students are motivated to participate in competitions focused on environmental challenges and are taken on excursions to relevant organizations. They are also encouraged to engage in community health initiatives across several villages, which primarily aim to educate women on the prevention and management of health concerns.

Through the proactive efforts of the NSS unit, which undertakes numerous activities to instill social values, there is a significant emphasis on promoting societal development among students. Throughout the year, the NSS unit organizes a variety of initiatives, including the planting of different saplings on school grounds to enhance environmental awareness among students.

The beneficiaries remain central to our mission, as we believe they are the key to their own achievements.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Future plan

The college has delineated the following strategic initiatives to guide its future endeavors:

1. Hosting Webinars and Discussion Forums: The college will arrange industrial visits by collaborating with relevant industry leaders across diverse sectors. There will be an expansion of interaction programs and webinars for students to keep them updated on industry developments.

2. Formulating Memoranda of Understanding (MOUs): MOUs will be established with leading industries to bolster skill development

and offer students hands-on experience.

3. Aiming for National Board of Accreditation (NBA) recognition.

4. Striving for permanent affiliation with Jawaharlal Nehru Technological University, Kakinada (JNTUK).

5. The college intends to generate supplementary revenue through various initiatives.

6. Aspiring to achieve Autonomous Status.

7. Motivating faculty members to engage in and lead more Faculty Development Programs (FDPs).

8. Coordinating international seminars, symposiums, and conferences across all academic departments.

9. Encouraging alumni involvement in a range of college activities.

10. Increasing the number of patents, copyrights, research funding, sponsored projects, and internship opportunities.

11. Advocating for the completion of NPTEL and other online courses among both students and faculty.

12. Improving campus aesthetics by planting additional trees and plants to enhance greenery.

13. Scholarships and Funding for Sports Talent.

14. Physical Health and Wellness Programs.

15. Extracurricular Sports Clubs and Teams.

16. Promoting Physical Activity Beyond Sports.

17. Community Engagement and Volunteering.

18. Long-Term Health Tracking.