



YEARLY STATUS REPORT - 2021-2022

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
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08632291321
• Mobile no	9666383838
• 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 /Constituent	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.	08632291111				
• Alternate phone No.	08632291111				
• Mobile	9491122430				
• IQAC e-mail address	ucetiqac@gmail.com				
• Alternate Email address	kotiucet@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://ucet.edu.in/naac-new/aqar/2021/aqar-1.html				
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/naac-new/aqar/2021-22/others/ay.html				
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	3
<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 	No File Uploaded
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)	
Quality Calendar prepared and the implementation is ensured.	
Ensured that all faculty prepare their course files and department files in time.	
collection of feedback from all the stakeholders by each department.	
Ensured the conduct of Sessional Exams as per the pre announced schedule and posting of marks on time	
Encouraged Departments to enter into MoUs with several academic and industry bodies.	
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
Monitoring the Preparation of Course Files for all the courses in each semester	Quality of course plans and academic delivery is significantly improved
Arranging special lectures on Student Empowerment, Personality development, and the like through the Career Guidance and Counseling Cell	Different programmes for student skill enrichment and all-round development were organized where in the student participation and response was good
To improvise the number of placements of final year B.Tech students.	For the current year, number of placements are increased, which is better than that of previous year.
Encouraging the faculty to attend conferences, workshops and FDPs.	Improvement in the number of FDPs attended by faculty.
Arranging training on both hard and soft skills to II, III & IV B.Tech Students by internal and external Professional Trainers.	Quality and quantity of Placements improved
Orientation to Students about Online Examinations	Conducted orientation webinar for Students about Online Examinations
Mentoring by Academic Advisors to all the students of their respective classes	Academic Advisor mentor students of respective classes

13. Whether the AQAR was placed before statutory body?	Yes
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- Name of the statutory body

Name	Date of meeting(s)
Governing Body	27/11/2021

14. Whether institutional data submitted to AISHE
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Year	Date of Submission
2020-2021	27/06/2020

15. Multidisciplinary / interdisciplinary

The Vision of the National Education Policy, to provide high-quality education to develop human resources in our nation as global citizens, is well taken by the Institution.

A discussion among the faculty members was initiated on the key principles of NEP such as diversity for all curricula and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking, and creativity.

Given the NEP, the Institution has initiated new interdisciplinary centers integrating different departments in addition to the existing inter/multidisciplinary research and academics. Academic programs are redesigned to include Multidisciplinary /Interdisciplinary courses as electives.

All programs are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. It can be said that the institution is proactively working towards the implementation of the suggestions given in the NEP.

16. Academic bank of credits (ABC):

CHEC follows a choice-based credit system for all of its programs and is now in the process to pass a resolution related to the ABC in the Academic Council. CHEC will formally register in the ABC portal as soon as the resolution is approved by the higher academic bodies.

17. Skill development:

a) Describe the efforts made by the institution to strengthen the vocational education and soft skills of students in alignment with the National Skills Qualifications Framework (NSQF)

b) Provide the details of the programs offered to promote vocational education and its integration into mainstream education.

c) How the institution is providing Value-based education to inculcate positivity amongst the learner that includes the development of humanistic, ethical, Constitutional, and universal human values of truth (Satya), righteous conduct (dharma), peace (Shanti), love (prem), nonviolence (ahimsa), scientific temper,

citizenship values, and also life- skills, etc.

d) Enlist the institution's efforts to: i. Design a credit structure to ensure that all students take at least one vocational course before graduating. ii. Engaging the services of Industry to bridge the gap between veterans and Master Craftsperson to provide vocational skills and overcome gaps vis-à-vis trained faculty . iii. To offer vocational education in ODL/blended/on-campus modular modes to Learners. iv. NSDC association facilitates a unified platform to manage learner enrollment (students and workers), skill mapping, and certification. v. Skill upgrading platform is introduced and trains the students to hit the skill competencies. Students can avail the facility online or offline vi. Institution marks its significance to accumulate the multiple tech platforms to engage the students and hone the emerging skills to grab top-notch placements with whooping packages.

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

a) Delineate the strategy and details regarding the integration of the Indian Knowledge system (teaching in Indian Language, culture, etc) into the curriculum using both offline and online courses. b) What are the institution's plans to train its faculties to provide the classroom delivery in bilingual mode (English and vernacular)? Provide the details. c) Provide the details of the degree courses taught in Indian languages and bilingually in the institution. d) Describe the efforts of the institution to preserve and promote the following: 1. Indian languages (Sanskrit, Pali, Prakrit and classical, tribal and endangered, etc.) 2. Indian ancient traditional knowledge 3. Indian Arts 4. Indian Culture and traditions. As mentioned above ,the institution has the utmost significance to implement multi-cultural values and traditions through add- on courses and diversify the cultural activities. e) Implemented diversified cultural practices for the sake of prosperity of the institution pertaining to the appropriate integration of the Indian Knowledge system (teaching in Indian Language, culture, using online courses) in view of NEP 2020.

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

CHEC offers 12 programs across Engineering, All these Programs are offered as outcomes-based education (OBE) which are designed keeping in mind the regional and global requirements. CHEC has implemented outcome-based education with clearly stated Program Outcomes, Program Specific Outcomes, and course outcomes. All courses are designed with outcomes centered on cognitive abilities namely

Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsibility and ethics, as well as entrepreneurial skills so those students contribute proactively to the economic, environmental, and social well-being of the nation. The Course Objectives (COs) are also aligned with the PO-PSO philosophy. All course syllabi have been designed with due consideration to macro-economic and social needs at large to apply the spirit of NEP.

20.Distance education/online education:

This institution is prepared, especially during COVID-19 pandemic situations and the teaching- learning process through different online modes likewise apps, WhatsApp, etc. the whole college campus is Wi-Fi enabled with digitally interactive panels installed in classrooms and hence no hindrance /obstacle in online education. Even slight relaxation in COVID-19 pandemic situation and accordingly visit of students and faculty members to college from different distant areas, helping them to study e-content for all subjects in all semesters.This institution is preparing to make available all such types of e-content material prepared by faculty members to all students through online mode to meet future challenges.

Extended Profile

1.Programme

1.1	12
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1096
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	321
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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template	View File	
2.3		335
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1		119
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		3
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1		47
Total number of Classrooms and Seminar halls		
4.2		371.86
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		480
Total number of computers on campus for academic purposes		

Part B**CURRICULAR ASPECTS**

1.1 - Curricular Planning and Implementation

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

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 action plan for successful implementation of curriculum. Effective implementation of curriculum is periodically reviewed through departmental meetings.

Academic committee prepares the college academic calendar in line with JNTUK academic calendar. It provides date of commencement of class work, duration of semester, industrial visits, guest lectures, workshops, faculty and students development programs, period of internal exams, final semester examinations etc.

Faculty has to prepare lesson plan for their classroom teaching before the semester commencement. The preparation of such a plan helps for effective distribution of syllabus and timely completion of the course.

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. Departmental Academic committee, checks for the standard of the question bank and faculty handling the subject selects the final internal question paper from the given question bank. Examination Committee ensures smooth conduction of examinations and proper valuation of answer scripts. After every internal exam, IQAC Check is performed to ensure the valuation.

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

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

As an affiliated institution of JNTUK, evaluation norms of the university are followed.

Continuous assessment in theory & practical subjects:

As per UG regulation:

Whereas, as per R19 PG regulation, The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 100 marks for practical subject for PG Engineering but for PG, MBA practical subject for 60 Marks. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End Examinations. The marks allotted for internal exams are 25, In this frame work, the college conducts the following components as part of internal exams. Descriptive exam (25 marks) of two midterm examinations and final marks are sum of average of two mid-term examinations.

The following methods effectively implemented for the theory subjects to improvement the performance of the students:

To bring uniformity in evaluation in scripts by fresh recruits, the scripts are scrutinized by seniors randomly and anomalies are pointed out to them.

Special tests for slow learners.

More assignments are given for practice.

The students will be informed the mistakes committed and guided to improve their performance in next examinations.

Each student is encouraged to give seminars in the class.

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

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

11

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)

4

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

580

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

1.3 - Curriculum Enrichment

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

The college is conscious about the cross cutting issues such as gender discrimination, environment and sustainability, human values and professional ethics. It runs many courses that are related with holistic development of the students such as English, Science and Environment etc. The university regularly updates its curriculum by integrating and updating these issues. Besides, the college also runs its own certificates courses to inculcate human values and environmental consciousness among the students. Through the Gandhain and Ambedkar Studies centers, Indian and professional ethics are promoted. The curriculum contains many chapters related with the religious, social, cultural background of the nation. Not only we promote these issues through curriculum enrichment but organize many activities such as gender equity, plantation, health check up and blood donation camps, water conservation, AIDs Awareness Rally, celebration of anniversaries of the great personalities to inculcate such values among the students. The ragging is strictly prohibited. The college has adopted a tribal school by providing financial and educational aids. To inculcate the value of secularism, the college organizes Unity Day, cultural activities having the message of unity in diversity etc.

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

313

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

610

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

A. All of the above

Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-1/1-4-2.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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/naac-new/aqar/2021-22/criteria-1/1-4-2.html

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 students admitted during the year**

321

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**

163

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

Activities to Advanced learners:

- Students are encouraged to take active participation in organizing professional bodies like CSI, IETE, ISTE etc and organize technical events.
- Advised to participate in group discussions, technical quizzes to enhance analytical and problem-solving abilities.
- Various club activities are conducted by all the departments in the respective areas to mould the students in corresponding fields.
- NPTEL sessions are conducted for the selected courses.
- Students are encouraged to take part in internships from II year onwards to acquire practical awareness and do their mini and main projects towards research orientation.
- Students are motivated and inspired to get university ranks and also encouraged to take up competitive exams like IES, GATE, IBPS, RRB, SSC, SSB, etc.

Slow learners:

- The Mentors observe the academic performance and interact frequently to understand and assist any student with issues that affect their ability to achieve their academic success.
- The institute has a system to communicate performance and attendance of students to parents regularly with the help of mentors. This system helps in monitoring the performance of slow learners and gives suggestions for improvement.
- Learning material is prepared by subject experts and will be uploaded in the college website for student reference.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-2-1.html
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
1096	119

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

- The College takes all measures to make the students to be socially responsible professionals by adopting students centred teaching learning processes.
- Tutorial classes are conducted which supplements regular teaching learning process. Interactive teaching aids like PPTs, online materials and videos are incorporated in the day-to-day teaching learning process that enhances the students understanding of the subject.
- A separate e-classroom with smart board has been utilized to visualize technological videos to the students. The videos to be presented are decided by the faculty members in consultation with the students.
- Lectures by experts from the industry and academia are organized by the respective departments, to provide knowledge and requirements of industry beyond the curriculum. Webinars by experts augments the students to enhance their knowledge and skills are organized regularly in our college.
- Industrial visits are arranged to give industrial exposure to the students.
- The students are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum.
- The students of PG courses are encouraged to publish their thesis in National and international journals & conferences which has high impact factor.

- The students are encouraged to enrich their skills on problem solving methodologies like FEM, CFD, STAADPRO, ANSYS and MAT LAB.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-3-1.html

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

Using Information and communication Technology tools in education is the method of education that utilizes information and communications technology to brace, enlarge and to reform the delivery of information. Mobile learning (m-learning) in the form of e-learning is an updating trend where education has outgrown physical constraints of classrooms and acquired mobility. Students can access information whenever and wherever they require as the institution offers advanced technological sources.

Access of course materials through remote devices,

- Online digital depository for lectures, course materials, and digital library,
- Online/cloud based academic management systems,
- Employing the flipped classroom concept,

It provides a perfect platform for teachers to improve and adapt to a better teaching practice with newer methodologies like blended learning. This also contributes in better comprehension of subjects by students, by brightening the abstract and difficult terms to clarity by the means of interactive boards in the classroom. It also overpasses the learning gaps between teacher and students, helping them to apprehend their true talent.

Interactive boards in the lecture rooms make the learning fun, by involving multimedia sessions that are comprehensive but not limited to images, PPTs, videos and so on. Students not only clinch such topics easily but also remember them for a longer extent of time.

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

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

74

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

119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

11

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

545

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.

There is complete transparency in the internal assessment as per the directions of the university.

- At the beginning of the semester, faculty members inform the students about the various components in the assessment process during the semester.
- The internal assessment test schedules are prepared as per the university and communicated to the students well in advance through circulars sent by the examination coordinator with the approval of the principal.
- Evaluation is done by the subject faculty within two days from the date of conduct of the examination.
- The corrected answer scripts are verified randomly by IQAC to ensure the standard evaluation process.
- The corrected answer scripts of the students are distributed to them for verification. Students are allowed to approach the concerned faculty or HoD in any case of discrepancy in marks or evaluation process.

- Marks of students are communicated to the parents from time to time and also displayed on the department notice boards.
- For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-2/2-5-1.html

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

Internal examinations.

- The corrected answer scripts will be given to the students within two days after the commencement of the examination
- The finalized marks are uploaded to the university portal and the university authorities will approve the marks
- University authorities will release the MID-I & MID-II marks to the college before publishing the result
- Once the results are published there no change in internal marks will be allowed.

External examinations

- The question papers will be set by the experts of concerned subjects and one of the question papers will be finalized by controller examination JNTUK.
- The question papers from JNTUK are sent to the college in encrypted form one hour before the commencement of the examination
- The controller of examination of the concerned college decrypts the question paper in presence of the university observer and chief superintendent.
- For the evaluation of scripts, the chief examiner and evaluators are appointed by the university.
- The chief examiner takes care of the distribution of marks, uniform valuation, etc., according to the scheme of evaluation.
- The issues related to valuation can be resolved by applying recounting, revaluation, and challenge evaluation within the stipulated time by the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-5-2.html

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The 12 well-defined Graduate Attributes considered as Program Outcomes (POs) of NBA are adopted. The course outcomes (COs) are defined for all courses offered by the institution. The process of defining the CO takes into consideration the inputs from various stakeholders like the university, faculty, and alumni. A similar process is in place for defining the Program Specific Outcomes (PSOs).

A minimum of 6COs is defined for each course. Similarly, a minimum of 2 PSOs are defined for each Program and a maximum of 3. The COs are then mapped to the Program Outcomes (POs) and Program Specific Outcomes (PSOs). The POs and PSOs in turn mapped to PEOs. While defining the COs care is taken to follow Bloom's taxonomy. The COs are discussed in the class review committee of the relevant class undergoing the course. Then a departmental committee/HOD reviews and approves these COs. The faculty delivering the course prepares the Course file containing the defined COs and their mapping to the POs and PSOs with Bloom's taxonomy. All the COs mapping with Pos & PSOs, Pos & PSOs mapping with PEOs, and PEOs mapping with the Vision & Mission of the department are displayed on the college website under the Departmental label.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-1.html
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Course Outcomes

(Data collection processes may include, Mid examination-1(Descriptive, online, assign), Mid examination -2 (Descriptive, online,assign), laboratory (Day to Day, Record, exam), and University Examination).

The program shall have set Course Outcome attainment levels for all courses. The attainment levels are set by considering the performance levels in the university examination. Attainment level is to be measured in terms of student performance in internal assessments with respect to the Course Outcomes of a course in addition to the performance in the University examination.

SCALE (Internal) : Target = 50% marks

Attainment Levels

1

40% of students scoring more than set target

2

60% of students scoring more than set target

3

80 % of students scoring more than set target

SCALE (External) : Target = 35% marks

Attainment Levels

1

40% of students scoring more than the set target

2

60% of students scoring more than the set target

3

80 % of students scoring more than theset target

Measuring CO attainment through Internal Assessments and Assignments:

- For each course, six COs are defined. For the first three COs first, mid examination (Descriptive 15 M, Online 10M, and Assignment 5M) is conducted.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-2.html

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

245

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	No File Uploaded
Paste link for the annual report	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-3.html

2.7 - Student Satisfaction Survey

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

<https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-7-1.html>

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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

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

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

3.1.3.1 - 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

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To provoke 5 progressive student projects each yr for brand-spanking new development. • to arrange marketing strategy Competitions each yr. studies AND improvement of cellular Features: • It encourages students to adopt real commercial projects, and also undertake consultation paintings • continues close relationships with professional bodies and promotes the articles in famed national and international journals organization'S INNOVATION COUNCIL Features of IICs To behavior various innovation and entrepreneurship-associated sports prescribed MIC in time certain fashion. • identify and praise improvements and share achievement stories. • organize periodic workshops/ seminars/ interactions with marketers, and professionals and create a mentor pool for student innovators. • community with peers and national entrepreneurship development agencies. • Create an organization'S Innovation portal to spotlight innovative projects organization'S schools and students. • organize Hackathons, concept opposition, mini-demanding situations, and so on. with the involvement of industries.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise 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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

25

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

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

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

0

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

Under Swachh -Bharat, UCET is Organizing NSS camps, where cleaning and sanitizing around neighborhood villages have been taken up. Society's role and self-awareness about cleanliness, water loss, and other public safety have been demonstrated. Through the extension activities, the college promotes and imbues students with social justice and responsibility. The active participation of the students in social service activities gives them an opportunity to understand the lifestyle and standard of living of the underprivileged.

Some major activities that we conducted are: In collaboration with the Local Non-Government Organizations organized various activities such as Environment Enrichment and Conservation, Health, Family Welfare & Nutrition Programs, and Social Service Programs like Blood Donation camps (twice a year), Tree Plantation - Vanam Manam- plants distribution, Free Medical Camps (eye & dental), AIDS Awareness campaigns/programs/ Rallies, Commemoration and observance of all Important days and occasions, Road Safety Week, Swachh Bharath, Food Donation, Visit to old age homes and orphanages donating fruits, medicine, study material, blankets, etc., Regular Yoga training, Special classes to the school children in adopted village, Personality development training activities, Digital literacy campaigns, Cleaning and bleaching of public places -schools, Panchayat offices, temples and community halls, Adult Education- Physical, Spiritual and Psychological Counselling for the volunteers and students.

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

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

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

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

3.4.3 - 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

3.4.3.1 - 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

4

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1243

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

4

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

3

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Universal College Of Engineering and Technology(UCET) campus spread over 10.34 Acers with the constructional area is 8835 Sq.m .The Academic and administrative activity is located in the Main block which is in the shape of square block with wings in G+2 storied building. The labs of Mechanical departement located at Mechanical block.The canteen and IRM Center is with in the college premises.

Classrooms:

Institution has sufficient number of classrooms with ICT tools to meet the requirement of teaching-learning. The classrooms are spacious, well ventilated, with primary teaching aids like writing boards, writing materials and scientifically designed furniture.

Library:

The College Library is a spacious structure with a reference section and reading room with a total built-up area of 650 Sq.m. The library remains open from 8:30 a.m to 05:00 p.m on all working days. The Library has membership of DELNET and NDLICLUB.

Laboratories:

The laboratories are well equipped with modern components and are more than sufficient to meet the requirements to conduct the experiments as per the JNTUK curriculum.

Seminar hall:

The College has two seminar halls to organize various participative learning activities like seminars, conferences, guest lectures, workshops, personality development classes and cultural activities etc for students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-4/4-1-1.html

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

Cultural Activities

The institution has a very active cultural committee which organizes several events in an open dais with 2500 capacity. Two seminar halls are accessible in the organization for institute level social exercises.

Sports Facilities:

Students are encouraged to engage in physical education for the overall development of personality. Necessary equipments are provided for daily sports activities. They are encouraged to participate in inter college competitions and also offer themselves for selection to the University team.

Gymnasium:

A Well equipped gymnasium is available within campus for students as well as faculty. Physical activity is good for your mental health. Regular exercise can also boost your self-esteem and help you concentrate, sleep, look and feel better.

Yoga centre

Seminar hall is utilized as yoga centre on occasion of International yoga day i.e., on 21st June every year in association with ISHA Foundation. Yoga workshops are conducted intermittently to the interested students.

NSS unit:

To encourage the students in serving the nation and society. The nearby villages are adopted i.e. dokiparru , perecharla and 3 days special camps are conducted with a strength of 100 members they are participate under the guidance of program officer and Caretaker.

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.

32

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-4/4-1-3.html
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)

5.06

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)

Library of the institution is equipped with Integrated Library Management System (ILMS). The Library software ECAP (version 1.1) is state-of-the-art Integrated Library Management Software designed and developed by the Webpro Pvt. Ltd.

The ECAP 1.1 is the automation of the complete library system has following features

- To maintain record of issue, return and renewal of books for students and staff.
- It becomes easy to compare the stock available in the library by taking hard copy (Excel sheet) from the system with the physical availability.

- It has advanced features of automation such as enter details of national and international journals which are bound into volumes.
- To view and change status of selected book from reference to issue, to set rules such as number of issue cards for staff and students, lending period, renewal times and fine etc.
- It allows OPAC (Online Public Access Catalogue) for search by users.
- The expenditure details generate the invoice details whenever needed. It is having facility to mail the vendors about the books that are to be purchased.

Details of software automation year wise as follows.

Name of ILMS Software

Nature of Automation

Version

Year of automation

ECAP

Fully

1.1

2021-22

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://192.168.9.3/ecap/Default.aspx

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

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

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

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

1.86

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

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

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

316

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

Universal College of Engineering and Technology has established an excellent IT infrastructure to cater to the needs of all students and faculty. Updating the IT facilities has been on the high priority activities of the institution.

The college was provided Wi-Fi facility in and around the office and library. The College regularly upgrades both the software and the hardware facilities as per academic requirements.

UCET provides advanced computing facilities with internet facility and required software. Totally 500 computers are available in whole campus. These computers are available in Laboratories, Departments, Admission section, Placement cell, and digital library for the benefit of students and staff.

The following are the various IT facilities which are considered for up gradation.

- Surveillance camera facility available
- Uninterrupted power supply is available for electricity backup
- Computer Server and Accessories
- Laser printers, scanners & accessories
- Internet connectivity / Wi-Fi
- Head phone and Mike
- Every system is updated with Anti-virus software and it is upgraded regularly
- The faculty members are provided with internet connected systems, through which the teaching materials like NPTEL and IIT videos are downloaded for effective teaching of the subjects/concepts
- Students are encouraged to attend webinars through the available facilities in the class room

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

4.3.2 - Number of Computers

480

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

Institution

File Description	Documents
Upload any additional Information	View File
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)**

115.43

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

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

The college ensures optimal allocation and utilization of the available financial recourses for maintenance. The regular meetings of various committees constituted for this purpose will give report for upgrading the facilities, based on the availability of funds.

Laboratory:-

Lab accounts are being maintained by lab technicians, Lab In charge under supervision by HODs of the concerned departments.

Library:-

1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized

list of required books is duly approved and signed by the Principal.

Sports: -

The College has adequate Sports and Games facilities to cater the Physical development of the students. A full time Physical Director guides the students in various sports activities. For The maintenance of sports equipment the college sports in charge is deputed.

Computers: -

1. Centralized computer laboratory established to enrich the students.
2. Each Department having the required computers for their usage.

Classrooms: -

1. The college has various committees for maintenance and upkeep of infrastructure.
2. Allocation of class rooms are made as per statutory body requirement.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/committees/mc.html

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

665

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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

186

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/naac-new/aqar/2021-22/criteria-5/5-1-3.html
Any additional information	No File Uploaded
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

359

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

359

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	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

148

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

2

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

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

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

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

4

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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:

The students actively participated in various academic and administrative committees/cells of the Institution namely, IQAC, Various clubs. They get involved in planning, organizing and execution of the college events. Faculty members are restricted to play the role of facilitators and monitoring for smooth conduct of event. By encouraging students to get actively involved in these activities, they are given an opportunity to fine tune their communication skills, essential skills, team work, problem solving skills and leadership qualities etc.

IQAC:

The IQAC of the college takes initiatives in creating learner centric environment, organize institutional workshops and seminars in the quality and culture of the Institution. The cell documents the events and communicates the same to the departments. The student coordinators of IQAC gain firsthand experience about the quality improvement activities of the college which provide promising learning environment. They take part in the execution of intra-

institutional workshops and seminars.

Various clubs:

UCET organizes Cultural Fests every year to inculcate UNIQUEST technical and cultural integrity into the students. The clubs select student coordinators to plan and execute the cultural fest in the college.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-5/5-3-2.html
Upload any additional information	No File Uploaded

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

726

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

The Global Association of Colleges of Aluminum Engineering and Technology was established in 2019 to strengthen the bond between aluminum oxides, foster bonds between their families, and promote social and intellectual connections.

In Universal College of Engineering & Technology, Alumni meet was organized on 16th January 2022. It was completely organized by management of the college. Alumni were organized at Seminar hall of our college. 100 former students were enrolled for the alumni meet out of them 77 members were attended the event. Meet was scheduled at 10:30AM, by 11:00AM all the alumni were gathered at the venue. Event started with Lamp lightning, after that principal Dr.Ch.Kesava Reddy and Secretary & Correspondent Rev. Fr. M. Fathima Marreddy, addressed the gathering. Now alumni started their interacted and inspired the current students, after that entertainment events were organized by current students. After completion of lunch Campus visit was done by alumni, during campus visit our principal explained the recent developments in college and the meet ended with distribution of presentations to the alumni.

OUTCOME:

They came from long distance to encourage the students who are juniors to them. The event was stimulating and enjoyable and simultaneously as all members shared their views and ideas good number of information and insights came up.

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

5.4.2 - Alumni contribution during the year E. <1Lakhs (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

To be one of the most preferred institute for Engineering Education and to be an institute where innovation, development and discipline

are assured and sought after.

Mission

- Developing the Institution into a student-centric by imbibing innovative experiential and lifelong learning.
- To inculcate the ethical value system that takes on comprehensive research and development.
- To instill a unique culture of continuous learning that imparts accountability and responsibility in partnership with stakeholders.

Governance:

The Universal College of Engineering and Technology has defined its governance by sustaining its vision and mission.

To realize the vision, Good governance, quality academic processes and infrastructure play a major role. Number of academic and administrative committees formed to ensure good governance in the Institution.

In a view to improve quality, Internal Quality Assurance Cell (IQAC) organizes the activities in efficient usage of the resources.

Perspective Plan: The perspective plan includes the attainment of the status of accreditations, permanent affiliation with JNTUK, the establishment of research and innovation centers, incubation centers, the center of excellence, consultancy and UGC autonomy.

Participation of the teachers: The faculty involves in different committees and cells like college academic committee, Grievance redressal committee, IQAC etc. of the institution.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/vision-mission2.html
Upload any additional information	View File

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

An Intense management, An efficient Principal making strenuous efforts to accomplish the vision and mission of the College. In

achieving this, various committees were created and assigned individual responsibilities to each staff through HOD. The management, Principal, and faculty of the College are dedicated towards strategic work, its implementation and maintain perfect documentation. Further strives to continue the effectiveness of the plans through a Quality Management System.

The Institution supports participative management in various activities. Both faculty members and students are allowed to express their views in improving the quality of the Institution. Such decentralized and participative management leads to harmony in the College for the development of the students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To ensure the quality of education in line with vision and mission, the Institute includes a formally stated strategic plan. Continuous assessment of the deployed strategic plan is conducted from time to time, procuring feedback from various academic and administrative bodies. Immense efforts are made by the management, Principal, and HoDs to enforce the modules of the plan more effectively.

Successfully Implemented:

The Institute has a strategic plan, which includes the establishment of IQAC in 2016 to enhance the quality of Teaching - Learning. IQAC supervises all the major exercises related to teaching-learning, academic/administration planning, and implementation.

With the continuous extended efforts of IQAC, The traditional teacher-centric approach into a student-centric approach. Some of the Initiatives taken by IQAC are

- Ensuring student-centric, ICT enabled, and interactive teaching-learning methods.
- Guest lecturers on quality related themes were conducted by inviting eminent academicians from renowned institutions.
- Expert sessions are organized on various participative

teaching-learning and pedagogical methods.

- Monitoring student academic progress
- Periodical reviews 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.
- UGC autonomy

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-2-1.html
Upload any additional information	No File Uploaded

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

The institute clearly defined its purpose and effective decision support system through the hierarchy and structure. This organogram sustains organisation capacity and effective education by the involvement of all the members in various cells and committees.

The Head of the Institution the Principal, all HODs, with faculty members continuously review the progress and the problems occurring in different committees.

Organogram of the Institution:

The Society: The Diocese of Guntur society was registered on Oct. 28, 1940, under societies registered act 1860 (Act.No. XXI of 1860), S.No. H1 of 1940-41. Its registered office is situated at Guntur. The society is Chaired by Most. Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur society)

The Governing body which consists of the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer approves various academic and administrative activities & policy

matters of the College.

The Principal is the chief academic administrator and intermediary between the Management, Staff and Students.

HoD's are responsible for the functioning of the department as per the imposed policies of the College.

Administrative Officer will look after the 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	Nil
Link to Organogram of the institution webpage	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-2-2.html
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

Universal College of Engineering Technology implements various schemes to all the employees with the motive to promote competence.

Welfare measures for teaching and non-teaching members are:

Faculty Development Measures:

- FDPs are organized in the campus
- Every discipline has senior persons from industries & research organizations as advisors
- Expert lectures on niche technologies are organized regularly
- Sponsorship for higher studies including doctoral research

Awards / Incentives:

- The Institute awards the good performers every year on special occasions like College Day etc.
- The Institute provides Financial support to attend workshops, conferences, etc.
- Awards and incentives for publications in reputed journals and books
- Special awards for 5 years / 10 years / 15 years of services towards department and Institution

General Welfare Schemes:

- Free transport for all staff
- 12 days Casual Leave, 3 days Medical Leave, Maternity Leave, 30 days of Vacation Leave and 3 days Special Leave (for Self's Marriage / Death in the family)
- Sabbatical Leave (OD) for attending FDPs, Conferences, etc.

Welfare measures for non-teaching staff

- Financial support on emergency.
- EPF (Employees' Provided Fund) as per mandate for eligible non-teaching staff.
- ESI for eligible non-teaching staff.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-3-1.html
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

12

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	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**

13

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

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

The institution has developed its own performance appraisal system for the assessment of both the teaching and non-teaching staff based on their annual performance on academics, research and extra-curricular activities.

Performance appraisal system for teaching staff:

- Teaching Learning and Evaluation related activities:
- Co-curricular, Extension and Professional Related activities:
- Research and Academic Contributions:
- Personality Traits:

Performance appraisal for non- teaching staff:

Appraising Non-Teaching staff is by considering his technical contribution to department, his regularity, Lab maintenance, punctuality, equipment maintenance, updating of stock registers, student log book register, submission of all reports to the department, diligence, sincerity, courteous, domain area knowledge, productivity, and group behaviour, etc.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-3-5.html
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 is well equipped with financial management services. A separate wing for accounts with fully computerized Ecap system exists in the Institution. Bank accounts are operated only by authorised persons.

The primary source of revenue of the Institution is tuition fees. Most of the tuition fees will be paid by cash at the accounting section in the office.

The salaries of teaching and non-teaching are paid only through the bank.

The college management has appointed internal and external auditors. Both internal and external audits conduct every quarter year. After thorough verification, reports submitted to the Principal and the management for follow up action.

Internal

The internal auditor verifies and consolidates the income from admission fees, other revenue sources from students on workshops and conferences conducted. Salary statements and other payments are checked by the internal auditor regularly.

External

The external audit conducted by Chartered Accounting firm on a regular basis. The Institution submits income and expenditure statements for the external audit for transparency. External auditor audits accounts under the income tax act. The Audit was completed for the financial year 2021-22. There are no major audit objections.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-4/4-1-4.html
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	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The main source of income to the College is in the form of tuition fee. At the beginning of each year, based on the requirements of each department, management allocates a certain budget. The college finance committee reviews periodically and submits the report to the college accounts wing through the Principal. They instruct departments not to deviate from the allocated budget. If any deviation occurs, the issues are to be justified by the department HoD.

After the collection of tuition fees, the College uses the amount for monthly salary payments and college maintenance. To control this, the College maintains good stewardship.

The College collects a separate fee for transport and hostel facilities.

However, when there is a shortage of funds, the management is always ready to invest from their own sources or avail of loans from the banks. The College takes every step for optimal utilisation of financial resources.

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

6.5 - Internal Quality Assurance System

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

The IQAC of the college was established in 2016 and since then striving hard to enhance the quality of teaching, learning and evaluation and promote the research attitude among the faculty members. Throughout the year, it constantly reviews the academic progress and also monitors infrastructural developments and need for introduction of new relevant courses. As a part this endeavor, the IQAC has suggested the need of organization of Conference on NEP 2020 and Post NAAC Accreditation.

The IQAC has taken initiatives to organize following activities: 1. National Seminar on NEP 2020 2. Preparation of the Academic Calendar and college Prospectus. 3. Organization of Industrial Camp. 4. ISO Certification 5. Uploading college information on AISHE portal 6. Green Audit from external agency. 7. Promotion to ICT in working process of the institution. 8. Preparation of the AQAR 9. Organization of workshops, seminar and other extra-curricular activities. 10. Annual Report 11. Publication of annual and Quarterly Magazines 12. Observance on the Solar Energy Plant. 13. Academic Audit

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

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

The Institute reviews its teaching learning process at the end of semester by conducting review meetings through IQAC. The IQAC is taken as the responsible body for the implementation of the academic calendar and organization of the co-curricular and extension

activities. It monitors teaching, learning and evaluation process through the feedback. It collects feedbacks from the student's alumni, parents on the improvement of college infrastructure, necessity of new courses to be introduced.

It also directs to the various departments to introduce short term and career oriented certificate courses. The administration of the college gave utmost importance to the suggestion issued by the IQAC. In order to take reviews of learning outcomes, the IQAC proposed to the administration of the college to conduct Academic Audit of the year 2021-22. For this, a committee was constituted which included expert faculty members of the college and experts from external resources. The said audit was done and the report was submitted to the IQAC. The IQAC also conducted ICT tools verification by forming a committee in this regard along with the departmental stock verification. The IQAC also framed the policy documents to make teaching learning and evaluation process more comprehensive and effective.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-5-3.html
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender sensitivity means being sensitive to opposite gender in the workplace and treating them in a manner that does not violate their dignity. Many activities and programs have been organized for this purpose. For this, the principle arranges a meeting with other senior members at the beginning of every semester to frame certain rules and regulations to enhance their dignity.

Safety and Security:-

- Safety and security measures have been taking time to time as installing fire safety equipment and cameras at the strategic places on the campus to curl the impending dangers.
- The campus is being monitored 24 hours a day by CCTV cameras.
- There are various committees established in college for security of both students and staff.
- They are women's empowerment and their grievance redressal cell.
- If is noteworthy that all the members of their committees are senior members of various departments.
- These committees are always looking for solutions to the problems faced by women on campus. Besides, it organizes health programs from time to time by inviting distinguished people from various fields.
- As part of the security measure, a register has been set up at the reception.
- The visitors shall be allowed into the campus only after entering their information in it.

File Description	Documents
Annual gender sensitization action plan	https://ucet.edu.in/naac-new/aqar/2021-22/others/b.html
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/naac-new/aqar/2021-22/criteria-7/7-1-1.html

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

A. 4 or All of the above

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

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

Solid waste management:

The solid waste at the institute is segregated as dry waste and wet waste by placing dustbins at the source of generation.

The organic waste from canteen and dry leaves from the garden are waste are collected and decomposed in a pit which is used as manure for trees and plants.

Liquid waste management:

- The institute consists of 6000 liters capacity of water purifier plant .After filtration 3000 liters of waste water is collected and same is used for college gardening

Biomedical waste management:

- The institution is not producing any bio medical waste, as there is no discipline relating to biomedical courses.

E-waste management:

- The E-Waste in ucet is very less in quantity. The Institution has a regular contractor to dispose E-Waste in scientific manner but the defective items from the computer laboratories are stored properly in the store room.

The following are the some of the practices of the E-Waste management.

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

Waste recycling system:

- The organic waste like canteen waste, dead leaves etc are being dumped in a pit and converted into manure, which is being used for plantation.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	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 **B. Any 3 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**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
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	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and

A. Any 4 or all of the above

**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 will organize Pre-Pongal celebrations every year in a traditional way. Students and faculty members wear traditional attire. The students also prepare pongal dish in a traditional way and distribute to all of them who attended the celebrations.
- Rangoli competition is organized by the committee for girl students.
- Cultural program like kolatam, folk dance will be organized by the cultural committee

Semi-Christmas celebration:.

- Christmas is a festival of joy and sharing .So our college students and staff exchanges their best wishes with each other. They all donate something on that day (money, clothes, grocery) and the same is donated to the home for aged or orphanage by N S S unit.
- The events conclude with distribution of cake for students and lunch for faculty.

No plastic awareness programme: "Use paper bag reduce plastic bag".

- The NSS unit had conducted rally on awareness for "Plastic Free". And Our Students have raised slogans regarding plastic usages in future and its disadvantages. The college secretary, principal, hods, staff participated in it.

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

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

72nd Anniversary of Constitution of India:

- This program was organized by NSS unit in the seminar hall at 10:45 A.M with the help of MBA department.
- During the program NSS unit created awareness about the importance of our constitution to the first B.Tech students.

VALUES:

2. Blood donation camps:

"Every Blood Donor is a life saver "

- On 5th Dec 2021, the NSS unit of UCET organized Blood Donation Camp in campus.
- The main intention of conducting this program is to collect the Blood from a suitable Donor who's Blood is secure for the recipient. Simultaneously the NSS unit also took care about the Donor's health at the time of donation.
- Through this program the NSS unit has collected 1500 units of Blood and donated it to the Joseph's hospital.

International yoga Day:

- International yoga day is celebrated in seminar hall on June 21st, 2021, with, II, III year students.
- We design this program to create awareness about yoga to students through volunteers.

- Later with the help of volunteers our students participated in yoga asana.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-7/7-1-9.html
Any other relevant information	Nil

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

- UCET celebrates National and International days enthusiastically every year. All staff members and students play vital role to celebrate these cultural and constitutional festivals. All this Celebrations are integral part of college's co-curricular activities.
- Different days are celebrated by students with instructions of faculty which help them to know about various cultures and to consequently imagine India as a nation.

- The academic calendar brimmed with important events which show enthusiasm of this institution in celebrating many national and international days and festivals.
- Independence Day is celebrated on 15th August in the college every year commemorating the nation independence from United Kingdom on 15th August 1947.
- On this occasion we pay homage to our leaders for those who fought for India's freedom in the past. On 5th September, Teachers' Day is celebrated to mark the honour of Dr Sarvepalli Radhakrishnan, birth anniversary.
- Various activities are arranged which involve participation of teachers enthusiastically. Engineer's Day is celebrated in the memory of Sir Dr. Mokshagundam Visvesvaraya. On this occasion all the departments conduct various events to students.
- Republic day is celebrated every year on 26th January in the college with great pride to remember when India's constitution came into force on 26 January 1950 .

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.

Skill development in students Objectives:

- To organise skill development programs
- To organise awareness programmes with resource persons from different fields

The context: The state of Andhra Pradesh occupies a leading position in the country with many technical educational institutions. The college will always strive to keep that name alive with innovative programs.

The Practice : The main objective is to attain job for students. To achieve this, placement cell is established in our college .The placement officer along with his team and with the help of one senior faculty member from each department design and implement systematically different training programs as improving the skills of the students for present scenario.

The evidence of success and work done so far: The placement team and different departments of the college collaboratively could see together the achievements and the progress

that received so far in placements cell. It has successfully placed students in the last academic year. Thus, training programs enhance and improve their life skills. Problems Encountered and Resources Required: Many students are from rural and vernacular backgrounds They require more training. Due to tight academic schedule it is challenging but, we believe that learning gaps never constraint for their development.

File Description	Documents
Best practices in the Institutional website	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-7/7-2-1.html
Any other relevant information	Nil

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

- We have set milestones by implementing several projects starting from organizing women into groups of work collectively for their development. Community health programs in several villages with women in focus educating them on preventing curative and promotive aspects of health
- The people are provided with drinking water and water for irrigation through the drilling of bore wells and construction of overhead drinking water tanks. We also brought various saplings and planted in different school grounds to create consciousness to students about environment.
- All our projects adopt a bottom-up approach involving the beneficiaries in all the levels of the programs. We firmly believe that the beneficiaries are the architects of their own destiny and their involvement is central at all the levels of our work.

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 action plan for successful implementation of curriculum. Effective implementation of curriculum is periodically reviewed through departmental meetings.

Academic committee prepares the college academic calendar in line with JNTUK academic calendar. It provides date of commencement of class work, duration of semester, industrial visits, guest lectures, workshops, faculty and students development programs, period of internal exams, final semester examinations etc.

Faculty has to prepare lesson plan for their classroom teaching before the semester commencement. The preparation of such a plan helps for effective distribution of syllabus and timely completion of the course.

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. Departmental Academic committee, checks for the standard of the question bank and faculty handling the subject selects the final internal question paper from the given question bank. Examination Committee ensures smooth conduction of examinations and proper valuation of answer scripts. After every internal exam, IQAC Check is performed to ensure the valuation.

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

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

As an affiliated institution of JNTUK, evaluation norms of the university are followed.

Continuous assessment in theory & practical subjects:

As per UG regulation:

Whereas, as per R19 PG regulation, The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 100 marks for practical subject for PG Engineering but for PG, MBA practical subject for 60 Marks. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End Examinations. The marks allotted for internal exams are 25, In this frame work, the college conducts the following components as part of internal exams. Descriptive exam (25 marks) of two midterm examinations and final marks are sum of average of two mid-term examinations.

The following methods effectively implemented for the theory subjects to improvement the performance of the students:

To bring uniformity in evaluation in scripts by fresh recruits, the scripts are scrutinized by seniors randomly and anomalies are pointed out to them.

Special tests for slow learners.

More assignments are given for practice.

The students will be informed the mistakes committed and guided to improve their performance in next examinations.

Each student is encouraged to give seminars in the class.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil
1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	C. Any 2 of the above
File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File
1.2 - Academic Flexibility	
1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented	
1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented	
11	
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)

4

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

580

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

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

The college is conscious about the cross cutting issues such as gender discrimination, environment and sustainability, human values and professional ethics. It runs many courses that are related with holistic development of the students such as English, Science and Environment etc. The university regularly updates its curriculum by integrating and updating these issues. Besides, the college also runs its own certificates courses to inculcate human values and environmental consciousness among the students. Through the Gandhain and Ambedkar Studies centers, Indian and professional ethics are promoted. The curriculum contains many chapters related with the religious, social, cultural background of the nation. Not only we promote these issues through curriculum enrichment but organize many activities such as gender equity, plantation, health check up and blood donation camps, water conservation, AIDs Awareness Rally, celebration of anniversaries of the great personalities to

inculcate such values among the students. The ragging is strictly prohibited. The college has adopted a tribal school by providing financial and educational aids. To inculcate the value of secularism, the college organizes Unity Day, cultural activities having the message of unity in diversity etc.

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

313

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

610

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	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-1/1-4-2.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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/naac-new/aqar/2021-22/criteria-1/1-4-2.html

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 students admitted during the year

321

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

163

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

Activities to Advanced learners:

- Students are encouraged to take active participation in organizing professional bodies like CSI, IETE, ISTE etc and organize technical events.
- Advised to participate in group discussions, technical quizzes to enhance analytical and problem-solving abilities.
- Various club activities are conducted by all the departments in the respective areas to mould the students in corresponding fields.
- NPTEL sessions are conducted for the selected courses.
- Students are encouraged to take part in internships from II year onwards to acquire practical awareness and do their mini and main projects towards research orientation.
- Students are motivated and inspired to get university ranks and also encouraged to take up competitive exams like IES, GATE, IBPS, RRB, SSC, SSB, etc.

Slow learners:

- The Mentors observe the academic performance and interact frequently to understand and assist any student with issues that affect their ability to achieve their academic success.
- The institute has a system to communicate performance and attendance of students to parents regularly with the help of mentors. This system helps in monitoring the performance of slow learners and gives suggestions for improvement.
- Learning material is prepared by subject experts and will be uploaded in the college website for student reference.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-2-1.html
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
1096	119

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

- The College takes all measures to make the students to be socially responsible professionals by adopting students centred teaching learning processes.
- Tutorial classes are conducted which supplements regular teaching learning process. Interactive teaching aids like PPTs, online materials and videos are incorporated in the day-to-day teaching learning process that enhances the students understanding of the subject.
- A separate e-classroom with smart board has been utilized to visualize technological videos to the students. The videos to be presented are decided by the faculty members in consultation with the students.
- Lectures by experts from the industry and academia are

organized by the respective departments, to provide knowledge and requirements of industry beyond the curriculum. Webinars by experts augments the students to enhance their knowledge and skills are organized regularly in our college.

- Industrial visits are arranged to give industrial exposure to the students.
- The students are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum.
- The students of PG courses are encouraged to publish their thesis in National and international journals & conferences which has high impact factor.
- The students are encouraged to enrich their skills on problem solving methodologies like FEM, CFD, STAADPRO, ANSYS and MAT LAB.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-2/2-3-1.html

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

Using Information and communication Technology tools in education is the method of education that utilizes information and communications technology to brace, enlarge and to reform the delivery of information. Mobile learning (m-learning) in the form of e-learning is an updating trend where education has outgrown physical constraints of classrooms and acquired mobility. Students can access information whenever and wherever they require as the institution offers advanced technological sources.

Access of course materials through remote devices,

- Online digital depository for lectures, course materials, and digital library,
- Online/cloud based academic management systems,
- Employing the flipped classroom concept,

It provides a perfect platform for teachers to improve and adapt to a better teaching practice with newer methodologies like blended learning. This also contributes in better comprehension of

subjects by students, by brightening the abstract and difficult terms to clarity by the means of interactive boards in the classroom. It also overpasses the learning gaps between teacher and students, helping them to apprehend their true talent.

Interactive boards in the lecture rooms make the learning fun, by involving multimedia sessions that are comprehensive but not limited to images, PPTs, videos and so on. Students not only clinch such topics easily but also remember them for a longer extent of time.

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

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

74

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

119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

11

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

545

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.

There is complete transparency in the internal assessment as per the directions of the university.

- At the beginning of the semester, faculty members inform the students about the various components in the assessment process during the semester.
- The internal assessment test schedules are prepared as per the university and communicated to the students well in advance through circulars sent by the examination coordinator with the approval of the principal.
- Evaluation is done by the subject faculty within two days from the date of conduct of the examination.
- The corrected answer scripts are verified randomly by IQAC to ensure the standard evaluation process.
- The corrected answer scripts of the students are distributed to them for verification. Students are allowed to approach the concerned faculty or HoD in any case of discrepancy in marks or evaluation process.
- Marks of students are communicated to the parents from time to time and also displayed on the department notice boards.
- For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-2/2-5-1.html

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

Internal examinations.

- The corrected answer scripts will be given to the students within two days after the commencement of the examination
- The finalized marks are uploaded to the university portal and the university authorities will approve the marks
- University authorities will release the MID-I &MID-II marks to the college before publishing the result
- Once the results are published there no change in internal marks will be allowed.

External examinations

- The question papers will be set by the experts of concerned subjects and one of the question papers will be finalized by controller examination JNTUK.
- The question papers from JNTUK are sent to the college in encrypted form one hour before the commencement of the examination
- The controller of examination of the concerned college decrypts the question paper in presence of the university observer and chief superintendent.
- For the evaluation of scripts, the chief examiner and evaluators are appointed by the university.
- The chief examiner takes care of the distribution of marks, uniform valuation, etc., according to the scheme of evaluation.
- The issues related to valuation can be resolved by applying recounting, revaluation, and challenge evaluation within the stipulated time by the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-2/2-5-2.html

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The 12 well-defined Graduate Attributes considered as Program Outcomes (POs) of NBA are adopted. The course outcomes (COs) are defined for all courses offered by the institution. The process of defining the CO takes into consideration the inputs from various stakeholders like the university, faculty, and alumni. A similar process is in place for defining the Program Specific Outcomes (PSOs).

A minimum of 6COs is defined for each course. Similarly, a minimum of 2 PSOs are defined for each Program and a maximum of 3. The COs are then mapped to the Program Outcomes (POs) and Program Specific Outcomes (PSOs). The POs and PSOs in turn mapped to PEOs. While defining the COs care is taken to follow Bloom's taxonomy. The COs are discussed in the class review committee of the relevant class undergoing the course. Then a departmental committee/HOD reviews and approves these COs. The faculty

delivering the course prepares the Course file containing the defined COs and their mapping to the POs and PSOs with Bloom's taxonomy. All the COs mapping with Pos & PSOs, Pos & PSOs mapping with PEOs, and PEOs mapping with the Vision & Mission of the department are displayed on the college website under the Departmental label.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-1.html
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Course Outcomes

(Data collection processes may include, Mid examination-1(Descriptive, online, assign), Mid examination -2 (Descriptive, online,assign), laboratory (Day to Day, Record, exam), and University Examination).

The program shall have set Course Outcome attainment levels for all courses. The attainment levels are set by considering the performance levels in the university examination. Attainment level is to be measured in terms of student performance in internal assessments with respect to the Course Outcomes of a course in addition to the performance in the University examination.

SCALE (Internal) : Target = 50% marks

Attainment Levels

1

40% of students scoring more than set target

2

60% of students scoring more than set target

3

80 % of students scoring more than set target

SCALE (External) : Target = 35% marks

Attainment Levels

1

40% of students scoring more than the set target

2

60% of students scoring more than the set target

3

80 % of students scoring more than theset target

Measuring CO attainment through Internal Assessments and Assignments:

- For each course, six COs are defined. For the first three COs first, mid examination (Descriptive 15 M, Online 10M, and Assignment 5M) is conducted.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-2.html

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**

245

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	No File Uploaded
Paste link for the annual report	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-6-3.html

2.7 - Student Satisfaction Survey

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

<https://ucet.edu.in/naac-new/aqar/2021-22/criteria-2/2-7-1.html>

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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

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

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

3.1.3.1 - 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

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To provoke 5 progressive student projects each yr for brand-spanking new development. • to arrange marketing strategy Competitions each yr. studies AND improvement of cellular Features: • It encourages students to adopt real commercial projects, and also undertake consultation paintings • continues close relationships with professional bodies and promotes the articles in famed national and international journals organization'S INNOVATION COUNCIL Features of IICs To behavior various innovation and entrepreneurship-associated sports prescribed MIC in time certain fashion. • identify and praise improvements and share achievement stories. • organize periodic workshops/ seminars/ interactions with marketers, and professionals and create a mentor pool for student innovators. • community with peers and national entrepreneurship development agencies. • Create an organization'S Innovation portal to spotlight innovative projects organization'S schools and students. • organize Hackathons, concept opposition, mini-

demanding situations, and so on. with the involvement of industries.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise 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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

25

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

0

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

Under Swachh -Bharat, UCET is Organizing NSS camps, where cleaning and sanitizing around neighborhood villages have been taken up. Society's role and self-awareness about cleanliness, water loss, and other public safety have been demonstrated. Through the extension activities, the college promotes and imbibes students with social justice and responsibility. The active participation of the students in social service activities gives them an opportunity to understand the lifestyle and standard of living of the underprivileged.

Some major activities that we conducted are: In collaboration with the Local Non-Government Organizations organized various activities such as Environment Enrichment and Conservation, Health, Family Welfare & Nutrition Programs, and Social Service Programs like Blood Donation camps (twice a year), Tree

Plantation - Vanam Manam- plants distribution, Free Medical Camps (eye & dental), AIDS Awareness campaigns/programs/ Rallies, Commemoration and observance of all Important days and occasions, Road Safety Week, Swachh Bharath, Food Donation, Visit to old age homes and orphanages donating fruits, medicine, study material, blankets, etc., Regular Yoga training, Special classes to the school children in adopted village, Personality development training activities, Digital literacy campaigns, Cleaning and bleaching of public places -schools, Panchayat offices, temples and community halls, Adult Education- Physical, Spiritual and Psychological Counselling for the volunteers and students.

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

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

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

2

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

3.4.3 - 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

3.4.3.1 - 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

4

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1243

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

4

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

3

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

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

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

Universal College Of Engineering and Technology(UCET) campus spread over 10.34 Acers with the constructional area is 8835 Sq.m .The Academic and administrative activity is located in the Main block which is in the shape of square block with wings in G+2 storied building. The labs of Mechanical departement located at Mechanical block.The canteen and IRM Center is with in the college premises.

Classrooms:

Institution has sufficient number of classrooms with ICT tools to meet the requirement of teaching-learning. The classrooms are spacious, well ventilated, with primary teaching aids like writing boards, writing materials and scientifically designed furniture.

Library:

The College Library is a spacious structure with a reference section and reading room with a total built-up area of 650 Sq.m. The library remains open from 8:30 a.m to 05:00 p.m on all

working days. The Library has membership of DELNET and NDLI CLUB.

Laboratories:

The laboratories are well equipped with modern components and are more than sufficient to meet the requirements to conduct the experiments as per the JNTUK curriculum.

Seminar hall:

The College has two seminar halls to organize various participative learning activities like seminars, conferences, guest lectures, workshops, personality development classes and cultural activities etc for students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-4/4-1-1.html

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

Cultural Activities

The institution has a very active cultural committee which organizes several events in an open dais with 2500 capacity. Two seminar halls are accessible in the organization for institute level social exercises.

Sports Facilities:

Students are encouraged to engage in physical education for the overall development of personality. Necessary equipments are provided for daily sports activities. They are encouraged to participate in inter college competitions and also offer themselves for selection to the University team.

Gymnasium:

A Well equipped gymnasium is available within campus for students as

well as faculty. Physical activity is good for your mental health. Regular exercise can also boost your self-esteem and help you concentrate, sleep, look and feel better.

Yoga centre

Seminar hall is utilized as yoga centre on occasion of International yoga day i.e., on 21st June every year in association with ISHA Foundation. Yoga workshops are conducted intermittently to the interested students.

NSS unit:

To encourage the students in serving the nation and society. The nearby villages are adopted i.e. dokiparru , perecharla and 3 days special camps are conducted with a strength of 100 members they are participate under the guidance of program officer and Caretaker.

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.

32

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-4/4-1-3.html
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)

5.06

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)**

Library of the institution is equipped with Integrated Library Management System (ILMS). The Library software ECAP (version 1.1) is state-of-the-art Integrated Library Management Software designed and developed by the Webpro Pvt. Ltd.

The ECAP 1.1 is the automation of the complete library system has following features

- To maintain record of issue, return and renewal of books for students and staff.
- It becomes easy to compare the stock available in the library by taking hard copy (Excel sheet) from the system with the physical availability.
- It has advanced features of automation such as enter details of national and international journals which are bound into volumes.
- To view and change status of selected book from reference to issue, to set rules such as number of issue cards for staff and students, lending period, renewal times and fine etc.
- It allows OPAC (Online Public Access Catalogue) for search by users.
- The expenditure details generate the invoice details whenever needed. It is having facility to mail the vendors about the books that are to be purchased.

Details of software automation year wise as follows.

Name of ILMS Software

Nature of Automation

Version

Year of automation

ECAP

Fully

1.1

2021-22

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://192.168.9.3/ecap/Default.aspx

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

A. Any 4 or more of the above

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

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

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

1.86

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

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

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

316

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

Universal College of Engineering and Technology has established an excellent IT infrastructure to cater to the needs of all students and faculty. Updating the IT facilities has been on the high priority activities of the institution.

The college was provided Wi-Fi facility in and around the office and library. The College regularly upgrades both the software and the hardware facilities as per academic requirements.

UCET provides advanced computing facilities with internet facility and required software. Totally 500 computers are available in whole campus. These computers are available in Laboratories, Departments, Admission section, Placement cell, and digital library for the benefit of students and staff.

The following are the various IT facilities which are considered for up gradation.

- Surveillance camera facility available
- Uninterrupted power supply is available for electricity backup

- Computer Server and Accessories
- Laser printers, scanners & accessories
- Internet connectivity / Wi-Fi
- Head phone and Mike
- Every system is updated with Anti-virus software and it is upgraded regularly
- The faculty members are provided with internet connected systems, through which the teaching materials like NPTEL and IIT videos are downloaded for effective teaching of the subjects/concepts
- Students are encouraged to attend webinars through the available facilities in the class room

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

4.3.2 - Number of Computers

480

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)

115.43	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The college ensures optimal allocation and utilization of the available financial recourses for maintenance. The regular meetings of various committees constituted for this purpose will give report for upgrading the facilities, based on the availability of funds.

Laboratory:-

Lab accounts are being maintained by lab technicians, Lab In charge under supervision by HODs of the concerned departments.

Library:-

1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal.

Sports: -

The College has adequate Sports and Games facilities to cater the Physical development of the students. A full time Physical Director guides the students in various sports activities. For The maintenance of sports equipment the college sports in charge is deputed.

Computers: -

1. Centralized computer laboratory established to enrich the students.

2. Each Department having the required computers for their usage.

Classrooms: -

1. The college has various committees for maintenance and upkeep of infrastructure.

2. Allocation of class rooms are made as per statutory body requirement.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ucet.edu.in/committees/mc.html

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

665

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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

186

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/naac-new/aqar/2021-22/criteria-5/5-1-3.html
Any additional information	No File Uploaded
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	
359	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
359	
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	A. All 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

148

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

2

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

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

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

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

4

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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 :

The students actively participated in various academic and administrative committees/cells of the Institution namely, IQAC, Various clubs. They get involved in planning, organizing and execution of the college events. Faculty members are restricted to play the role of facilitators and monitoring for smooth conduct of event. By encouraging students to get actively involved in these activities, they are given an opportunity to fine tune their communication skills, essential skills, team work, problem solving skills and leadership qualities etc.

IQAC:

The IQAC of the college takes initiatives in creating learner centric environment, organize institutional workshops and seminars in the quality and culture of the Institution. The cell documents the events and communicates the same to the departments. The student coordinators of IQAC gain firsthand experience about the quality improvement activities of the college which provide promising learning environment. They take part in the execution of intra- institutional workshops and seminars.

Various clubs:

UCET organizes Cultural Fests every year to inculcate UNIQUEST technical and cultural integrity into the students. The clubs select student coordinators to plan and execute the cultural fest in the college.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-5/5-3-2.html
Upload any additional information	No File Uploaded

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

726

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

The Global Association of Colleges of Aluminum Engineering and Technology was established in 2019 to strengthen the bond between aluminum oxides, foster bonds between their families, and promote social and intellectual connections.

In Universal College of Engineering & Technology, Alumni meet was organized on 16th January 2022. It was completely organized by management of the college. Alumni were organized at Seminar hall of our college. 100 former students were enrolled for the alumni meet out of them 77 members were attended the event. Meet was scheduled at 10:30AM, by 11:00AM all the alumni were gathered at the venue. Event started with Lamp lightning, after that principal Dr.Ch.Kesava Reddy and Secretary & Correspondent Rev.

Fr. M. Fathima Marreddy, addressed the gathering. Now alumni started their interacted and inspired the current students, after that entertainment events were organized by current students. After completion of lunch Campus visit was done by alumni, during campus visit our principal explained the recent developments in college and the meet ended with distribution of presentations to the alumni.

OUTCOME:

They came from long distance to encourage the students who are juniors to them. The event was stimulating and enjoyable and simultaneously as all members shared their views and ideas good number of information and insights came up.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

To be one of the most preferred institute for Engineering Education and to be an institute where innovation, development and discipline are assured and sought after.

Mission

- Developing the Institution into a student-centric by imbibing innovative experiential and lifelong learning.
- To inculcate the ethical value system that takes on

comprehensive research and development.

- To instill a unique culture of continuous learning that imparts accountability and responsibility in partnership with stakeholders.

Governance:

The Universal College of Engineering and Technology has defined its governance by sustaining its vision and mission.

To realize the vision, Good governance, quality academic processes and infrastructure play a major role. Number of academic and administrative committees formed to ensure good governance in the Institution.

In a view to improve quality, Internal Quality Assurance Cell (IQAC) organizes the activities in efficient usage of the resources.

Perspective Plan: The perspective plan includes the attainment of the status of accreditations, permanent affiliation with JNTUK, the establishment of research and innovation centers, incubation centers, the center of excellence, consultancy and UGC autonomy.

Participation of the teachers: The faculty involves in different committees and cells like college academic committee, Grievance redressal committee, IQAC etc. of the institution.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/vision-mission2.html
Upload any additional information	View File

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

An Intense management, An efficient Principal making strenuous efforts to accomplish the vision and mission of the College. In achieving this, various committees were created and assigned individual responsibilities to each staff through HOD. The management, Principal, and faculty of the College are dedicated towards strategic work, its implementation and maintain perfect documentation. Further strives to continue the effectiveness of the plans through a Quality Management System.

The Institution supports participative management in various activities. Both faculty members and students are allowed to express their views in improving the quality of the Institution. Such decentralized and participative management leads to harmony in the College for the development of the students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To ensure the quality of education in line with vision and mission, the Institute includes a formally stated strategic plan. Continuous assessment of the deployed strategic plan is conducted from time to time, procuring feedback from various academic and administrative bodies. Immense efforts are made by the management, Principal, and HoDs to enforce the modules of the plan more effectively.

Successfully Implemented:

The Institute has a strategic plan, which includes the establishment of IQAC in 2016 to enhance the quality of Teaching - Learning. IQAC supervises all the major exercises related to teaching-learning, academic/administration planning, and implementation.

With the continuous extended efforts of IQAC, The traditional teacher-centric approach into a student-centric approach. Some of the Initiatives taken by IQAC are

- Ensuring student-centric, ICT enabled, and interactive teaching-learning methods.
- Guest lecturers on quality related themes were conducted by inviting eminent academicians from renowned institutions.
- Expert sessions are organized on various participative teaching-learning and pedagogical methods.
- Monitoring student academic progress
- Periodical reviews 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.
- UGC autonomy

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-2-1.html
Upload any additional information	No File Uploaded

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

The institute clearly defined its purpose and effective decision support system through the hierarchy and structure. This organogram sustains organisation capacity and effective education by the involvement of all the members in various cells and committees.

The Head of the Institution the Principal, all HODs, with faculty members continuously review the progress and the problems occurring in different committees.

Organogram of the Institution:

The Society: The Diocese of Guntur society was registered on Oct. 28, 1940, under societies registered act 1860 (Act.No. XXI of 1860), S.No. H1 of 1940-41. Its registered office is situated at Guntur. The society is Chaired by Most. Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur society)

The Governing body which consists of the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer approves various academic and administrative activities & policy matters of the College.

The Principal is the chief academic administrator and intermediary between the Management, Staff and Students.

HoD's are responsible for the functioning of the department as per the imposed policies of the College.

Administrative Officer will look after the 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	Nil
Link to Organogram of the institution webpage	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-2-2.html
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

Universal College of Engineering Technology implements various schemes to all the employees with the motive to promote competence.

Welfare measures for teaching and non-teaching members are:

Faculty Development Measures:

- FDPs are organized in the campus
- Every discipline has senior persons from industries & research organizations as advisors
- Expert lectures on niche technologies are organized regularly
- Sponsorship for higher studies including doctoral research

Awards / Incentives:

- The Institute awards the good performers every year on special occasions like College Day etc.
- The Institute provides Financial support to attend workshops, conferences, etc.
- Awards and incentives for publications in reputed journals and books
- Special awards for 5 years / 10 years / 15 years of services towards department and Institution

General Welfare Schemes:

- Free transport for all staff
- 12 days Casual Leave, 3 days Medical Leave, Maternity Leave, 30 days of Vacation Leave and 3 days Special Leave (for Self's Marriage / Death in the family)
- Sabbatical Leave (OD) for attending FDPs, Conferences, etc.

Welfare measures for non-teaching staff

- Financial support on emergency.
- EPF (Employees' Provided Fund) as per mandate for eligible non-teaching staff.
- ESI for eligible non-teaching staff.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/agar/2021-22/criteria-6/6-3-1.html
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

12	
File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File
6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year	
6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year	
0	
File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	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	
13	

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

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

The institution has developed its own performance appraisal system for the assessment of both the teaching and non-teaching staff based on their annual performance on academics, research and extra-curricular activities.

Performance appraisal system for teaching staff:

- Teaching Learning and Evaluation related activities:
- Co-curricular, Extension and Professional Related activities:
- Research and Academic Contributions:
- Personality Traits:

Performance appraisal for non- teaching staff:

Appraising Non-Teaching staff is by considering his technical contribution to department, his regularity, Lab maintenance, punctuality, equipment maintenance, updating of stock registers, student log book register, submission of all reports to the department, diligence, sincerity, courteous, domain area knowledge, productivity, and group behaviour, etc.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-3-5.html
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 is well equipped with financial management services. A separate wing for accounts with fully computerized Ecap system exists in the Institution. Bank accounts are operated only by authorised persons.

The primary source of revenue of the Institution is tuition fees. Most of the tuition fees will be paid by cash at the accounting section in the office.

The salaries of teaching and non-teaching are paid only through the bank.

The college management has appointed internal and external auditors. Both internal and external audits conduct every quarter year. After thorough verification, reports submitted to the Principal and the management for follow up action.

Internal

The internal auditor verifies and consolidates the income from admission fees, other revenue sources from students on workshops and conferences conducted. Salary statements and other payments are checked by the internal auditor regularly.

External

The external audit conducted by Chartered Accounting firm on a regular basis. The Institution submits income and expenditure statements for the external audit for transparency. External auditor audits accounts under the income tax act. The Audit was completed for the financial year 2021-22. There are no major audit objections.

File Description	Documents
Paste link for additional information	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-4/4-1-4.html
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	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The main source of income to the College is in the form of tuition fee. At the beginning of each year, based on the requirements of each department, management allocates a certain budget. The college finance committee reviews periodically and submits the report to the college accounts wing through the Principal. They instruct departments not to deviate from the allocated budget. If any deviation occurs, the issues are to be justified by the department HoD.

After the collection of tuition fees, the College uses the amount for monthly salary payments and college maintenance. To control this, the College maintains good stewardship.

The College collects a separate fee for transport and hostel facilities.

However, when there is a shortage of funds, the management is always ready to invest from their own sources or avail of loans

from the banks. The College takes every step for optimal utilisation of financial resources.

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

6.5 - Internal Quality Assurance System

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

The IQAC of the college was established in 2016 and since then striving hard to enhance the quality of teaching, learning and evaluation and promote the research attitude among the faculty members. Throughout the year, it constantly reviews the academic progress and also monitors infrastructural developments and need for introduction of new relevant courses. As a part this endeavor, the IQAC has suggested the need of organization of Conference on NEP 2020 and Post NAAC Accreditation.

The IQAC has taken initiatives to organize following activities:
 1. National Seminar on NEP 2020 2. Preparation of the Academic Calendar and college Prospectus. 3. Organization of Industrial Camp. 4. ISO Certification 5. Uploading college information on AISHE portal 6. Green Audit from external agency. 7. Promotion to ICT in working process of the institution. 8. Preparation of the AQAR 9. Organization of workshops, seminar and other extra-curricular activities. 10. Annual Report 11. Publication of annual and Quarterly Magazines 12. Observance on the Solar Energy Plant. 13. Academic Audit

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

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

The Institute reviews its teaching learning process at the end of

semester by conducting review meetings through IQAC. The IQAC is taken as the responsible body for the implementation of the academic calendar and organization of the co-curricular and extension activities. It monitors teaching, learning and evaluation process through the feedback. It collects feedbacks from the student's alumni, parents on the improvement of college infrastructure, necessity of new courses to be introduced.

It also directs to the various departments to introduce short term and career oriented certificate courses. The administration of the college gave utmost importance to the suggestion issued by the IQAC. In order to take reviews of learning outcomes, the IQAC proposed to the administration of the college to conduct Academic Audit of the year 2021-22. For this, a committee was constituted which included expert faculty members of the college and experts from external resources. The said audit was done and the report was submitted to the IQAC. The IQAC also conducted ICT tools verification by forming a committee in this regard along with the departmental stock verification. The IQAC also framed the policy documents to make teaching learning and evaluation process more comprehensive and effective.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-6/6-5-3.html
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender sensitivity means being sensitive to opposite gender in the workplace and treating them in a manner that does not violate their dignity. Many activities and programs have been organized for this purpose. For this, the principle arranges a meeting with other senior members at the beginning of every semester to frame certain rules and regulations to enhance their dignity.

Safety and Security:-

- Safety and security measures have been taking time to time as installing fire safety equipment and cameras at the strategic places on the campus to curl the impending dangers.
- The campus is being monitored 24 hours a day by CCTV cameras.
- There are various committees established in college for security of both students and staff.
- They are women's empowerment and their grievance redressal cell.
- If is noteworthy that all the members of their committees are senior members of various departments.
- These committees are always looking for solutions to the problems faced by women on campus. Besides, it organizes health programs from time to time by inviting distinguished people from various fields.
- As part of the security measure, a register has been set up at the reception.

- The visitors shall be allowed into the campus only after entering their information in it.

File Description	Documents
Annual gender sensitization action plan	https://ucet.edu.in/naac-new/aqar/2021-22/others/b.html
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/naac-new/aqar/2021-22/criteria-7/7-1-1.html

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

A. 4 or All of the above

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

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

Solid waste management:

The solid waste at the institute is segregated as dry waste and wet waste by placing dustbins at the source of generation.

The organic waste from canteen and dry leaves from the garden are waste are collected and decomposed in a pit which is used as manure for trees and plants.

Liquid waste management:

- The institute consists of 6000 liters capacity of water purifier plant .After filtration 3000 liters of waste water is collected and same is used for college gardening

Biomedical waste management:

- The institution is not producing any bio medical waste, as there is no discipline relating to biomedical courses.

E-waste management:

- The E-Waste in ucet is very less in quantity. The Institution has a regular contractor to dispose E-Waste in scientific manner but the defective items from the computer laboratories are stored properly in the store room.

The following are the some of the practices of the E-Waste management.

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

Waste recycling system:

- The organic waste like canteen waste, dead leaves etc are being dumped in a pit and converted into manure, which is being used for plantation.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	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**

B. Any 3 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	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
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	No File Uploaded
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms	A. Any 4 or all of the above

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 will organize Pre-Pongal celebrations every year in a traditional way. Students and faculty members wear traditional attire. The students also prepare pongal dish in a traditional way and distribute to all of them who attended the celebrations.
- Rangoli competition is organized by the committee for girl students.
- Cultural program like kolatam, folk dance will be organized by the cultural committee

Semi-Christmas celebration:.

- Christmas is a festival of joy and sharing .So our college students and staff exchanges their best wishes with each other. They all donate something on that day (money, clothes, grocery) and the same is donated to the home for aged or orphanage by N S S unit.

- The events conclude with distribution of cake for students and lunch for faculty.

No plastic awareness programme: "Use paper bag reduce plastic bag".

- The NSS unit had conducted rally on awareness for "Plastic Free". And Our Students have raised slogans regarding plastic usages in future and its disadvantages. The college secretary, principal, hods, staff participated in it.

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

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

72nd Anniversary of Constitution of India:

- This program was organized by NSS unit in the seminar hall at 10:45 A.M with the help of MBA department.
- During the program NSS unit created awareness about the importance of our constitution to the first B.Tech students.

VALUES:

2. Blood donation camps:

"Every Blood Donor is a life saver "

- On 5th Dec 2021, the NSS unit of UCET organized Blood Donation Camp in campus.
- The main intention of conducting this program is to collect the Blood from a suitable Donor who's Blood is secure for the recipient. Simultaneously the NSS unit also took care about the Donor's health at the time of donation.
- Through this program the NSS unit has collected 1500 units of Blood and donated it to the Joseph's hospital.

International yoga Day:

- International yoga day is celebrated in seminar hall on June 21st, 2021, with, II, III year students.
- We design this program to create awareness about yoga to students through volunteers.
- Later with the help of volunteers our students participated in yoga asana.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-7/7-1-9.html
Any other relevant information	Nil

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

- UCET celebrates National and International days enthusiastically every year. All staff members and students

play vital role to celebrate these cultural and constitutional festivals. All these Celebrations are integral part of college's co-curricular activities.

- Different days are celebrated by students with instructions of faculty which help them to know about various cultures and to consequently imagine India as a nation.
- The academic calendar brimmed with important events which show enthusiasm of this institution in celebrating many national and international days and festivals.
- Independence Day is celebrated on 15th August in the college every year commemorating the nation independence from United Kingdom on 15th August 1947.
- On this occasion we pay homage to our leaders for those who fought for India's freedom in the past. On 5th September, Teachers' Day is celebrated to mark the honour of Dr Sarvepalli Radhakrishnan, birth anniversary.
- Various activities are arranged which involve participation of teachers enthusiastically. Engineer's Day is celebrated in the memory of Sir Dr. Mokshagundam Visvesvaraya. On this occasion all the departments conduct various events to students.
- Republic day is celebrated every year on 26th January in the college with great pride to remember when India's constitution came into force on 26 January 1950 .

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.

Skill development in students Objectives:

- To organise skill development programs
- To organise awareness programmes with resource persons from different fields

The context: The state of Andhra Pradesh occupies a leading position in the country with many technical educational institutions. The college will always strive to keep that name alive with innovative programs. The

Practice : The main objective is to attain job for students. To achieve this, placement cell is established in our college .The placement officer along with his team and with the help of one senior faculty member from each department design and implement systematically different training programs as improving the skills of the students for present scenario. The evidence of success and work done so far: The placement team and different departments of the college collaboratively could see together the achievements and the progress that received so far in placements cell. It has successfully placed students in the last academic year. Thus, training programs enhance and improve their life skills. **Problems Encountered and Resources Required:** Many students are from rural and vernacular backgrounds They require more training. Due to tight academic schedule it is challenging but, we believe that learning gaps never constraint for their development.

File Description	Documents
Best practices in the Institutional website	https://ucet.edu.in/naac-new/aqar/2021-22/criteria-7/7-2-1.html
Any other relevant information	Nil

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

- We have set milestones by implementing several projects starting from organizing women into groups of work collectively for their development. Community health programs in several villages with women in focus educating them on preventing curative and promotive aspects of health
- The people are provided with drinking water and water for irrigation through the drilling of bore wells and construction of overhead drinking water tanks. We also brought various saplings and planted in different school grounds to create consciousness to students about environment.
- All our projects adopt a bottom-up approach involving the beneficiaries in all the levels of the programs. We firmly believe that the beneficiaries are the architects of their own destiny and their involvement is central at all the levels of our work.

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

1.To achieve NBA status

2.To strive for permanent affiliated to the JNTUK.

3.To encourage the faculty for obtaining funding projects and research labs

4.To conduct international level seminars, symposiums and conferences in all the departments.

5.To make Alumni active in various activities in college

6.To encourage the faculty to publish research papers.

7.To encourage the students to do internships

8.To encourage the students to complete NTPEL,ONLINE Course.