



YEARLY STATUS REPORT - 2022-2023

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/images/iqac/AQAR%202.pdf>

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/2022-23/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 4

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

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

- Focus on Training the students in technologies as per Industry requirement
- Focus on Training the students on Entrepreneurship Development
- Preparation of reports for AISHE, NIRF & NAAC.
- organized workshops for teachers on Innovative Teaching Methodology, Mentoring and Effective Evaluation Techniques
- Collecting and Evaluation of Self-Appraisal Report.
- Motivating faculty members and students towards online learning

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

| Plan of Action | Achievements/Outcomes |
|--|--|
| Focus on Extension Activities | Good number of Extension Activities were done by the students under NSS Unit and approx. 1.52 lakhs was contributed by Ucet team |
| Focus on Research by faculty members | Applied and Published Patents, High quality papers published by faculty in SCI/SCIE Journals. |
| To provide need based Teaching | (i) Additional revisions on the topics in syllabus and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged. |
| Maintenance of quality as per NAAC Parameters | All the related activities done in context to AQAR submission |
| 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**

- Name of the statutory body

| Name | Date of meeting(s) |
|-------------|--------------------|
| IQAC | 27/07/2022 |

14. Whether institutional data submitted to AISHE

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/images/igac/AQAR%202.pdf | | | | |
| 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/2022-23/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 | | | 4 | | |
| • 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) | | |
| <ul style="list-style-type: none"> • Focus on Training the students in technologies as per Industry requirement • Focus on Training the students on Entrepreneurship Development • Preparation of reports for AISHE, NIRF & NAAC. • organized workshops for teachers on Innovative Teaching Methodology, Mentoring and Effective Evaluation Techniques • Collecting and Evaluation of Self-Appraisal Report. • Motivating faculty members and students towards online learning | | |
| 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 | | |
| Empty space for plan of action and outcome | | |

| | |
|--|--|
| Plan of Action | Achievements/Outcomes |
| Focus on Extension Activities | Good number of Extension Activities were done by the students under NSS Unit and approx. 1.52 lakhs was contributed by Ucet team |
| Focus on Research by faculty members | Applied and Published Patents, High quality papers published by faculty in SCI/SCIE Journals. |
| To provide need based Teaching | (i) Additional revisions on the topics in syllabus and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged. |
| Maintenance of quality as per NAAC Parameters | All the related activities done in context to AQAR submission |
| 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 |
| <ul style="list-style-type: none"> Name of the statutory body | |
| Name | Date of meeting(s) |
| IQAC | 27/07/2022 |
| 14. Whether institutional data submitted to AISHE | |
| Year | Date of Submission |
| 2022-2023 | 30/12/2022 |
| 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, as 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):

To fulfil the requirement of Academic bank of credits as proposed in NEP 2020, all the students are encouraged to register in the ABC portal and get an ABC id. College Academic Portal Ecap has been updated to include the ABC id of the students.

17.Skill development:

Skill oriented courses have been introduced into the curriculum. Courses pertaining to Soft skills of students have been incorporated into the curriculum. Placement cell has been established. More than 140 students of Ucet have been placed in various companies through campus placements during 2022-23. Still the placement is in progress.

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

Efforts are being made to incorporate aspects of Indian culture into the curriculum

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

At UCET, Outcome based education (OBE) is incorporated into the Teaching Learning Process. Curriculum is designed by considering all OBE parameters. Course Outcomes for all courses are designed. Mapping of the outcomes to all courses is done. All Internal and External Question papers are mapped to the Blooms taxonomy. Implementation of Outcome Based Education (OBE) in the Curriculum:

The initial phase for ensuring academic quality is the design of the curriculum, in particular, the type of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. The next phase, the Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program. An effective implementation of the Outcome Based Education (OBE) ensures that our graduating engineers can compete on a global platform, and have expected global attributes. Specific to every program, we have 3-5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni. The Institute keenly observes the attainments of PEO, PO and PSO for the respective programs which in turn relates to Vision and Mission of the institution and Department as well.

20.Distance education/online education:

Various online tools like Ebox are used for for teaching learning activities.

Extended Profile

1.Programme

| | |
|--|----|
| 1.1 | 11 |
| Number of courses offered by the institution across all programs during the year | |

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

2.Student

| | |
|------------------------------------|-----|
| 2.1 | 959 |
| Number of students during the year | |

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

| | |
|--|-----|
| 2.2 | 225 |
| 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 | 262 |
| Number of outgoing/ final year students during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.Academic | |
| 3.1 | 111 |
| Number of full time teachers during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.2 | 0 |
| 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 | 280.31 |
| 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

UCET is affiliated to JNTUK, follows the curriculum prescribed by the university. An action plan for timely implementation of curriculum is formulated by the institution to ensure effective delivery. An academic committee consists of Head of Departments and headed by the Principal prepares CAC of the college in line with JNTUK academic calendar and also the concerned departments prepare their DAC for successful implementation of curriculum. 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. Effective implementation of curriculum is periodically reviewed through departmental meetings. For the effective transmission and delivery of curricula, departments integrate classroom teaching with various ICT tools, laboratory practices, field projects, students seminars, tutorials, etc. For the up-gradation of subject-related knowledge, college organizes seminars, conferences, and workshops. Library provides NDLI, , DELNET, ASCE, ASME , Digital Library, BookBank facility etc. The college encourages faculty members to attend Orientation/Refresher courses, workshops and present papers in seminars conducted by the affiliating and other Universities for acquiring necessary skills for effective delivery of the curriculum. Mentor-Mentee is implemented for identifying problems of the students regarding academic, social and financial issues.

At the end of every academic year, feedback from teachers, students, alumni and stakeholders is collected by IQAC, then it is analyzed and forwarded to academic committee.

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

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

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examinations. As an affiliated institution of JNTUK, evaluation norms of the university are followed. The university has adopted major reform in evaluation by

introducing Credit based grading system from the academic year 2022-23 and the institute has adopted the same. The college has adopted a method of assessing the academic performance of the students on a continuous basis.

Example: For R19 & R20

Final internal Marks = (Best Mid marks x 0.8 + other Mid marks x 0.2)

Mid-1 marks = Marks secured in (online examination-1+descriptive examination-1+one assignment-1)

Mid-2 marks = Marks secured in (online examination-2+descriptive examination-2+one assignment-2)

Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8+ Least of (Mid-1/Mid-2) marks x 0.2)

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 InternalEvaluation 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.

| 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/

D. Any 1 of the above

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)

3

| 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

199

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

1.3 - Curriculum Enrichment

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

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

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

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

ENVIRONMENTAL STUDIES: The student should have knowledge on

- The natural resources and their importance for the sustenance of the life and recognize the need to conserve the natural resources
- About environmental assessment and the stages involved in EIA and the environmental audit.

PROFESSIONAL ETHICS AND HUMAN VALUES:

- To give basic insights and inputs to the student to inculcate Human values to grow as a responsible human beings with proper personality.

RENEWABLE ENERGY SOURCES

This course gives an idea on renewable sources and systems to the students. This covers generation, design, efficiency and characteristics of various renewable energy sources including solar, wind, hydro, biomass, fuel cells and geothermal systems.

GENDER SENSITIZATION

It educates students about some key biological aspects of genders. It exposes the students to debate on the politics and economics of work and also helps students reflect critically on gender violence. As per the Government of Andhra Pradesh, the institute follows reservation policy for girl students.

| 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

27

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | View File |
| MoU's with relevant organizations for these courses, if any | View File |
| Institutional Data in Prescribed Format | View File |

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

629

| 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/2022-23/criteria-1/1-4-1.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 | No File Uploaded |

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

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

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | https://ucet.edu.in/naac-new/aqar/2022-23/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

225

| 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

123

| 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 actively participate in organizing professional bodies like CSI, IETE, ISTE etc. and organize technical programs.
- Participation in group discussions and technical quizzes is recommended to improve analytical and problem-solving skills.
- 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 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 | Nil |
| Upload any additional information | View File |

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1037 | 111 |

| 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 ensure that students become socially responsible professionals by adopting student-centered teaching-learning processes.
- Training classes are held that complement the regular learning process of teaching. Interactive teaching aids such as PPTs, online materials and videos are taught in the daily learning process which enhances students' understanding of the subject.
- A separate e-classroom with smart board has been used to visualize technological videos for students. Films submitted are decided by faculty members in consultation with students.
- Lectures by experts from industry and academia organized by relevant departments to provide knowledge and industry requirements beyond the curriculum. Webinars experts complement students to improve their knowledge and skills

are held 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.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional information | Nil |

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

The use of information and communication technology tools in education is Method of education that uses information and communication Technology to strengthen, expand and improve delivery of information. Mobile learning (m-learning) in the form of e-learning.

This is an updated trend where education has overtaken the physical Class barriers and acquired mobility. Students can access As an organization whenever and wherever they need information Provides advanced technical resources.

Access to course content 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 better teaching practice with new methodologies such as blending learning. This also helps in better understanding of the subjects by students, by clarifying the abstract and difficult terms clarity through interactive programs in the classroom. he too overcomes the learning gaps between the teacher and the students, helping they capture 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 | No File Uploaded |
| 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

111

| 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

8

| 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

626

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

2.5 - Evaluation Process and Reforms

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

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

- At the beginning of the semester, faculty members suggest that. Students about the various components in 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.
- Records of students's corrected answers are distributed to them for approval. Students are allowed to approach the concerned faculty or HoD in any case of discrepancy in marks or evaluation process.

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

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

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 | Nil |

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.

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 | Nil |
| 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.

(Internal) : Target = 50% marks

Attainment Levels 1- 40% of students scoring more than set target

Levels 2- 60% of students scoring more than set target

Levels 3- 80% of students scoring more than set target

(External) : Target = 35% marks

Attainment Levels 1 - 40% of students scoring more than set target

Levels 2- 60% of students scoring more than set target

Levels 3- 80% of students scoring more than set target

- In R20 regulation (Descriptive 15 M, Online 10M, and Assignment 5M) is conducted.
- In R19 regulation (Descriptive 10 M, Online 10M, and Assignment 5M) is conducted.

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

2.6.3 - Pass percentage of Students during the year

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

213

| File Description | Documents |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://ucet.edu.in/naac-new/aqar/2022-23/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/2022-23/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

The institute has created an ecosystem for innovation and other initiatives like creation and transfer of knowledge by

establishing Institute Innovation Cell, R&D Cell, IPR and Entrepreneurship Cell, Performance Appraisal System and MoU with external Agencies for creation and transfer of knowledge.

In order to encourage faculty members to publish and patent their discoveries and to facilitate the submission of both minor and major research proposals to different funding agencies, the college established a Research and Development Cell.

The college has a Research and Development Cell to motivate the faculty members to publish and patent their findings and provide a mechanism for submission of minor and major research proposals to various funding agencies.

The college established an Institute Innovation Cell recognized by MHRD Innovation Cell to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. And to prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework

The college has an IPR and Entrepreneurship Development Cell with institutional mechanism to create entrepreneurial culture in the institution to foster growth of innovation and entrepreneurship amongst the faculty and students.

The faculty performance appraisal system in the college facilitates the promotion/ increment process in transparent manner for consistent development of the institute.

The college also withholds MoUs with industries and external agencies to promote collaborative activities in areas such as research, innovation, entrepreneurship, and community outreach.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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

1

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | View File |
| 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 | View File |

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

6

| 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

1

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| 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 JNTU Kakinada, the Universal College of Engineering and Technology operates a self-funded NSS unit to support students' personal and collective development.

Students are inspired to volunteer for a variety of NSS activities in order to gain self-assurance, hone their leadership abilities, and broaden their understanding of people from diverse backgrounds.

The college's NSS unit actively participates in a number of government initiated events, including Swatch Bharat, Yoga-Day, Clean and Green, blood donation camps, sibling distribution, tree planting, and a number of social issues pertaining to students' overall development.

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

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

0

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

6

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | No File Uploaded |
| Number of extension and outreach Programmes conducted with industry, community etc for the 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

895

| 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

52

| 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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has adequate infrastructure and physical facilities for teaching-learning viz., class rooms, laboratories, computing equipment etc.

The institution fully realizes the importance of infrastructure in the teaching-learning process. It requires good infrastructure like spacious classrooms, laboratories with good equipment, Hygienic Canteen, excellent Transport facility, Wi-Fi campus providing internet facility in library and reading rooms, Play grounds, Power Backup etc., So UCET is committed to provide learning -made-easy infrastructure and its up-to-date improvement for effective and optimum use.

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

The policy of Institution focuses on:

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

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

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

Sports:

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

Outdoor Games:

A spacious playground is available for outdoor games like Cricket Volleyball, Badminton etc. Indoor games like Table Tennis, Chess,

Carom etc, are provided to students in the college campus. Besides the full time trainers, college uses the services of professional coaches to train students in games like Table Tennis, Volleyball and Cricket.

Following are the facilities provided by the College:

National Service Scheme (NSS):

The College has a NSS Unit with a total strength of 60 members, affiliated to a JNTUK. The Unit was established with an objective to cultivate the attitude of social service and have social awareness in the minds of students and to make them responsible citizens.

Cultural Activities:

UCET organizes UNIQUEST 2023 a National level Student Techno Cultural Fest, freshers' day, farewell day and annual day celebrations every year in the traditional manner. These are the platforms for the students to exhibit their innate talent and creativity.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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.

26

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

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

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

261.37

| 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)

The Library at UCET is integrated with knowledge resource centre, comprising, a Central Library in an area of 635.41 sq. m., with about 39785 volumes with 7604 titles of books, periodicals, references, and national and international journals and CD-ROMs, and all the Departmental Libraries. It is automated using Integrated Library Management System (ILMS) computerized with ASME (American Society of Mechanical Engineering), ASCE (American Society of Civil Engineering), CLMS (College Library Management Software) Open-Source Integrated Software. It also has access to DELNET under institutional membership.

Initiatives taken by the UCET:

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

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

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

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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

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

0.735

| 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

246

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

4.3 - IT Infrastructure

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

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

Extensive infrastructure has been setup during the last five years:

- IP based Surveillance
- Remote

Cadence Design Software The infrastructure includes:

- Desktops (Xeon, Intel i3, Dual Core, processor based with 4 to 32 GB RAM and 500 GB to 1TB HDD)
- Laptops
- Total number of systems=480
- 2 Tower servers (Xeon4.2GHz,32 GB RAM)

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

- IP camera (2MP, sony, vivitek, Axis, canon, cp-plus)=115
- 4NVRwith32TBofstorage
- 2CiscoSwitches

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

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

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

4.3.2 - Number of Computers

480

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

261.37

| 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.

Transport committee:

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

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

Campus beautification and maintenance activities:

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

Water Supply:

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

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

- Stationary store

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

755

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

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

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

131

| 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/2022-23/criteria-5/5-1-3.html |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

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

308

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

308

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

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

B. Any 3 of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

64

| 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

15

| 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

5

| 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.

6

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

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

The students actively participate in various academic and administrative committees/cells of the Institution namely, IQAC, Various clubs, Class Review Committee. 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 inter and intra institutional workshops and seminars in internalizing the quality and culture of the Institution.

Class Monitoring Committee:

The heads of various departments in the college select the students who have leadership qualities as class representatives. These class representatives play the role of facilitators between the students and teachers. Class Monitoring meetings consisting of the Principal, HoDs and class representatives of each class are held twice in a semester. The class representatives voice out their problems related to syllabus completion, teaching aids and teaching and learning process.

Administrating Bodies

Anti-Ragging Committee: Minimum 3 students from every branch.

Women's Grievance Committee: Minimum 5 students from every branch.

Discipline Committee: One student from every class from all the departments are members in this committee.

Canteen Committee: Minimum 2 students from everybranch

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

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

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

301

| 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.

An alumnus of a college is a former student who has either attended or graduated in some fashion from the institution. Alumni meet is a type of event in which old students of the college will gather at the venue, some events will be organized for them, later they will share their experiences about the college, their job and higher education.

In Universal College of Engineering & Technology, Alumni meet was organized on 19th September 2022. 90 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.

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 D. 1 Lakhs - 3Lakhs (INR in Lakhs)

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

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 life long learning
- o inculcate the ethical value system that takes on comprehensive research and development.
- o instill a unique culture of continuous learning that imparts accountability and responsibility in partnership with stakeholders

Governance:

The Universal College Of Engineering & Technology defines its governance by sustaining its vision and mission.

To realize the vision excellent academic procedures, infrastructure and good governance are essential to achieve this goal for which a number of academic and administrative committee are formed in the institution.

The internal quality assurance cell (IQAC) planes the activities to make efficient use of the available resources with goal of improving the quality.

The perspective plan calls for the creation of research and inovation centers, the center of excellence, permanent affiliation with JNTUK and UGC autonomy.

The faculty involves in various committees and cells like college academic committee, Grievance redressal committee, the IQAC etc., in the institute.

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

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

A dedicated management team and an efficient Principal are making vigorous efforts to realize the vision and mission of the College. To achieve this, various committees have been established, and individual responsibilities are assigned to each staff member through Heads of Departments (HODs). The College's management, Principal, and faculty are committed to strategic work, its implementation, and maintaining comprehensive documentation. Furthermore, there is a continuous effort to sustain the effectiveness of plans through a Quality Management System.

The Institution advocates participative management across various activities, allowing both faculty members and students to express their views in enhancing the quality of the Institution. This decentralized and participative management approach fosters harmony within the College, contributing to the overall development of the students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

In order to uphold the standard of education in accordance with the institute's vision and mission, a formally articulated strategic plan is incorporated. Regular evaluations of the implemented strategic plan are carried out periodically, seeking feedback from diverse academic and administrative entities. The management, Principal, and Heads of Departments exert significant efforts to enhance the implementation of the plan's modules. Successfully Implemented: The Institute has a strategic plan that was enacted in 2016, incorporating the establishment of IQAC to elevate the quality of teaching and learning. IQAC oversees all significant activities related to teaching and learning, as well as academic and administrative planning and implementation. Through the ongoing and concerted efforts of IQAC, there has been a transformation from a traditional teacher-centric approach to a student-centric one. Among the initiatives undertaken by IQAC are ensuring student-centric, ICT-enabled, and interactive teaching and learning methods. Eminent academicians from renowned institutions were invited to conduct guest lectures on themes related to quality. Additionally, expert sessions focusing on various participative teaching and learning methods are regularly organized.

Monitoring student academic progress Periodical 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.

To achieve UGC autonomy

| File Description | Documents |
|--|---------------------------|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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

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

The Head of the Institution, the Principal, and all Heads of Departments (HODs), along with faculty members, consistently review the progress and address issues within different committees. The institutional organogram is as follows:

The Society: The Diocese of Guntur Society was registered on October 28, 1940, under the Societies Registration Act of 1860 (Act No. XXI of 1860), S.No. H1 of 1940-41. Its registered office is located in Guntur. The society is chaired by Most Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur Society).

The Governing Body, which comprises the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer, approves various academic and administrative activities, as well as policy matters of the College. The Principal serves as the chief academic administrator and intermediary between the Management, Staff, and Students.

HODs are responsible for the department's functioning in accordance with the College's imposed policies. The Administrative Officer oversees accounts, budgets, purchases, stores, admissions, and assists the Principal in the day-to-day administration of the College.

| File Description | Documents |
|---|---|
| Paste link for additional information | 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 inter faces | 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

UCET implements different schemes to all the employees with the motive to promote their competence in various departments. Welfare measures for teaching and non-teaching members are

Faculty Development Measures:

- FDPs are organized in the campus by various departments.
- Each discipline has senior faculty persons from industries & research organizations as advisors.
- Expert lectures are organized regularly by the institution.
- Sponsorship for higher studies including doctoral research and various fields.

Providing Awards / Incentives:

- The Institute awards the good performers every year on special occasions like College Day etc.
- The Institute provides financial support to attend Conferences, workshops and paper presentations etc.
- Awards and incentives for research 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 members in the working period.
- 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 FDP's, Conferences Paper presentations etc.

Welfare measures for non-teaching staff:

- Financial support on emergency situations.
- FDP (Employee's provident Fund) as per mandate for eligible non-teaching staff.
- ESI facility for eligible non-teaching staff.

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

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

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

| 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

3

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | No File Uploaded |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | View File |
| 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

41

| 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:

The teacher, as a person and teacher as performer, is also one of the mandatory assessment for his/her performance is appraised through his/her implementation of innovative methodologies in classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered.

The performance of the faculty is evaluated based on professional contribution to academics, contribution to short term training courses, performing invigilation duties, contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, NBA, NAAC, etc.

The above set performance appraisal report is filled by employee in a given prescribed proforma which includes all the above set related to points and sub points. Filled in the prescribed format is revised by HOD to assess the attitudinal / behavioral / professional aspects of the faculty concerned.

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, subject knowledge, awareness, productivity, quality, innovation willingness to learn, diligence submission of all reports to the department, diligence, sincerity, courteous, domain area knowledge, productivity and group behavior etc.

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

6.4 - Financial Management and Resource Mobilization

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

The institute has all the tools it needs for financial management. It has a separate wing for accounts with a fully Computerised Ecap system .only authorised individuals are permitted to Manage bank account. Tuition fees are the institution's main source of income. The majority of the tuition fees will be paid in cash at the offices accounting departments. Teaching and non-teaching Staff salaries are only paid through the bank. The internal and the external auditors have been appointed by the college administration Every quarter of the Year, audits are carried out by them. Reports that have been thoroughly Verified and sent for further action to the Principal and the management. INTERNAL The internal auditor confirms and reviews the money received from admission fees and other student funding sources for conferences and workshops. He thoroughly verifies salary statements and other payments regularly. EXTERNAL The external audit is regularly carried out by a chartered accounting firm. In order to maintain transparency the institute submits income and expenditure statements for the external audit. He audits the accounts under the income tax account.As per the audit report there are no major audit objections for the financial year 2022-2023.

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

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

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

0

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

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

The tuition fee serves as the College's main Source of funding. The college management allots a specific budget at the beginning of each year, taking into account of the needs of each department .

Reports are periodically reviewed by the College finance Committee and sent through the principal, to the College accounts wing. Departments are directed not to go beyond the budgetary Constraints.

The department head must provide Justification for any deviations that take place. The college uses the money received from tuition Collection for maintenance of the campus and monthly salary payments. The College Charges an additional fee for transportation and dorm accommodations. on the other hand, in the event of a cash Crunch, the management remains prepared to make investments from their own resources or obtain bank loans to fulfill the needs of the college. The college makes every effort to use funds as efficiently as possible.

| 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 Internal Quality Assurance Cell (IQAC) plays a crucial role in enhancing the teaching-learning process within educational institution by conducting review meetings and framing of Academic calendars and organizing the cocurricular and extention activities.

The following are the involvements of IQAC: Curriculum Development: IQAC may contribute to the design and review of the curriculum to ensure it meets quality standards and aligns with the educational goals.

Faculty Development: Facilitatng programs for continuous professional development of faculty members, ensuring they stay updated with current teaching methodologies and subject matter expertise.

Student Feedback Mechanism: Implementing systems to collect and analyze feedback from students regarding the teaching-learning process, providing insights for improvement.

Assessment and Evaluation: Ensuring fair and effective assessment methods, maintaining the integrity of examination processes, and reviewing evaluation systems.

Use of Technology: Integrating technology in the teaching-learning process to enhance accessibility, engagement, and overall effectiveness.

Learning Resources: Monitoring and ensuring the availability of quality learning resources, including libraries, online databases, and other materials.

Pedagogical Innovations: Encouraging and supporting innovative teaching methods and approaches to make the learning experience

more dynamic and engaging.

Quality Assurance Policies: Developing and implementing policies that focus on maintaining and improving the overall quality of the teaching-learning process.

By actively participating in these aspects, IQAC contributes to fostering a culture of continuous improvement in the teaching-learning environment, ultimately benefiting both students and educators.

| 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

Since its establishment in 2016 the college's IQAC has worked diligently to improve the Calibre of instruction, learning, and assessment While encouraging a research minded Culture among faculty members.

It continuously assess the educational process ,keeps an eye on infrastructure, advancements, and determines when new, pertinent courses should be introduced. In the course of this endeavor, the IQAC has recommended that a conference be held regarding NEP2020 and post-NAAC accreditation.

The following events are being planned by the IQAC on its own initiative.

1. National NEP 2020 Seminar.
2. Creating the college prospectus and academic calendar.
3. Setting up the industrial camp.
4. ISO Accrediation.
5. Inserting college information into the AISHE portal

- 6. Green Audit from external agency. .
- 7. Encouragement of ITC use in the institution 's daily operations.
- 8.The AQAR preparation process
- 9.Organisation of workshops, seminar,and other extra-curricular activities.
- 10.The annual report.
- 11.The quarterly and annual magazine publications.
- 12.Compliance with the solar energy plant
- 13.Evaluation of academic performance.

| 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/2022-23/criteria-6/6-5-3.html |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender sensitivity refers to being aware of, understanding, and responsive to the ways in which gender affects individuals' experiences, opportunities, and perspectives. It involves recognizing and challenging stereotypes, biases, and inequalities to promote fairness and equal treatment for people of all genders. For which the principle conducts a meeting with senior members at the beginning of every semester to frame rules and regulations to enhance equality in campus.

S.No

Academic year

Program Conducted

Date and duration

No. of participants

1

2022-23

Women's Day

08-03-2023

74

2

2022-23

Orientation programme for Improving the communication skills for girls students

12-05-2023

78

3

2022-23

Awareness on Self -Defence

23-09-2022

91

Safety and Security:-

By incorporating the following measures, we create a safety and secure environment for the students and faculty: : *By implementing CCTV cameras across the campus to monitor key areas, entrances, and common spaces through which Surveillance is done thoroughly.

Well-lit Spaces: we ensure adequate lighting in and around the campus, particularly in parking lots and pathways, to enhance visibility and deter potential threats.

*Security Personnel: By employing trained security personnel to patrol the premises and respond to incidents promptly.

The health and safety includes guidelines for laboratory use, machinery operation, and personal protective environment .

***Transportation Safety:** we provide secure parking areas and well-maintained vehicles for transportation safety.

Visitor Management: we implement procedures for visitor registration and monitoring to track and control access to the campus.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | https://ucet.edu.in/images/igac2223/7.1.1_a.pdf |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://ucet.edu.in/naac-new/aqar/2022-23/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 | View File |
| Any other relevant documents | No File Uploaded |

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities **A. Any 4 or all of the above**

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

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

A. Any 4 or all of the above

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

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

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:

- Rangoli is one of the most beautiful and pleasing art forms in India.
- It is a part of floor decoration and an expression of the creative self.

Regional:

Semi-Christmas celebration:

- The Cultural committee will organize Semi-Christmas with a festive spirit in college premises. The entire campus was ornamented with bright colored flags and balloons and a brightly decorated Christmas tree and crib.

Ramzan:

- The Cultural committee will organize Ramzan with a festive spirit in college premises.
-

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.
- Clean India Campaign 2.0 : The NSS unit had conducted rally on awareness for "Clean India". And Our Students have raised slogans regarding cleaning in future and its disadvantages.

| 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

1. International yoga Day:

• International yoga day is celebrated in seminar hall on June twenty first, 2022, with, II, III Year students. • Later with the help of volunteers our college students participated in yoga asana.

2. Blood donation camps:

- On 29th Jun 2023, the NSS unit of UCET organized Blood Donation Camp in campus.
- The principle goal of conducting this program is to acquire the Blood from a suitable Donor who's Blood is secure for the recipient.

3. Booster Vaccination Camp

We should distinguish what we mean when we say booster shots. What we're really talking about right now is, is there a need to get a third dose of a vaccine if you've already received your first two doses.

4. Independence Day:

- On August 15, 2022, Universal College of Engineering & Technology celebrated India's 76th Independence Day.

The Other programs we have conducted are:

5. Ayurveda Day: On 21st of October,

6. 73rd Anniversary of Constitution of India: On 26th Nov, 2022.

7. Voter Registration Drive: was organized on 9th December 2022

8. QUIZ WHIZ on Human Rights Day: On 10th Dec 2022

9. Republic Day: On 26th January 2023

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://ucet.edu.in/naac-new/aqar/2022-23/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

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

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

Independence Day:

The institution celebrates the Independence Day every year to re-experience the spirit of patriotism and to honor the glorious past of our country. Celebrated.

Teachers' Day:

This day is celebrated in commemoration of the birthday of

Dr.S.RadhaKrishanan. Celebrated.

Engineers' Day:

This day is celebrated in commemoration of the birthday of Dr.M.Vishweshwaraiah. Celebrated.

National Unity Day:

The birth anniversary of Sardar Vallabhbhai Patel the first home minister of Independent India is celebrated as National Unity Day. Celebrated.

Ayurveda Day:

The National Ayurveda Day is celebrated every year on the occasion of Dhanwantari Jayanti since 2016. Celebrated.

Republic Day:

The institute celebrates Republic day on 26th January every year. It is a remarkable day in the history of India as the day when finally the constitution of India came into effect on January 26th, 1950. Celebrated.

Indian Constitution Day:

Constitution Day is celebrated in our country on 26th November every year to commemorate the adoption of the Constitution of India. Celebrated.

Women's Day:

International Women's Day is a global day celebrating the historical, cultural, and political achievements of women. The day also observed in support of taking action against gender inequality around the world. Celebrated.

| 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 | No File Uploaded |

7.2 - Best Practices

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

To build a vibrant and supportive community by markedly expanding opportunities to connect and explore ideas for the benefit of nation and its people. Ucet have sensed the social requirements and provided excellent opportunities that are responsible to the needs of the community. Our institute help students to meet Economic, Social, Creative and Environmental challenges to become participants in shaping their future. The institute give each one ample scope to ponder and reflect on various knowledge portals in the library. Our best practices through delivery of variety of programmes will ensure the opening up of frontiers of higher order thinking and problem solving to instill and ignite creative sparks that lie in the young aspirants. The steps/initiatives followed by our institutes foster the cooperation between thoughts and actions by learning through exchange of ideas expertise and best practices

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://ucet.edu.in/naac-new/aqar/2022-23/criteria-7/7-2-1.html |
| Any other relevant information | https://ucet.edu.in/naac-new/aqar/2022-23/criteria-7/7-2-2.html |

7.3 - Institutional Distinctiveness

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

The NSS unit organizes events like tree planting and field trips in addition to other extracurricular, sports and cultural activities to introduce students to today's most serious social

issues. At the college, a session on human values is scheduled. The NSS programme officer actively engages the students in open dialogue on a variety of themes.

They are encouraged to engage in contests addressing environmental issues and taken on field trips to connected enterprises. They are encouraged to participate in community health programs in multiple villages. These programs focus on educating women about preventing and managing health issues.

Through the active NSS unit, which performs numerous services to implant social ideals, societal development is also instilled on a significant scale into the students as a special focus. The NSS unit organizes a wide range of activities throughout the year, including planting various saplings in school grounds to raise awareness among students about the environment.

Beneficiaries are at the heart of everything we do, and we believe they are the driving force behind their own success.

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

UCET is affiliated to JNTUK, follows the curriculum prescribed by the university. An action plan for timely implementation of curriculum is formulated by the institution to ensure effective delivery. An academic committee consists of Head of Departments and headed by the Principal prepares CAC of the college in line with JNTUK academic calendar and also the concerned departments prepare their DAC for successful implementation of curriculum. 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. Effective implementation of curriculum is periodically reviewed through departmental meetings. For the effective transmission and delivery of curricula, departments integrate classroom teaching with various ICT tools, laboratory practices, field projects, students seminars, tutorials, etc. For the up-gradation of subject-related knowledge, college organizes seminars, conferences, and workshops. Library provides NDLI, DELNET, ASCE, ASME, Digital Library, BookBank facility etc. The college encourages faculty members to attend Orientation/Refresher courses, workshops and present papers in seminars conducted by the affiliating and other Universities for acquiring necessary skills for effective delivery of the curriculum. Mentor-Mentee is implemented for identifying problems of the students regarding academic, social and financial issues.

At the end of every academic year, feedback from teachers, students, alumni and stakeholders is collected by IQAC, then it is analyzed and forwarded to academic committee.

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

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

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examinations. As an affiliated institution of JNTUK, evaluation norms of the university are followed. The university has adopted major reform in evaluation by introducing Credit based grading system from the academic year 2022-23 and the institute has adopted the same. The college has adopted a method of assessing the academic performance of the students on a continuous basis.

Example: For R19 & R20

Final internal Marks = (Best Mid marks x 0.8 + other Mid marks x 0.2)

Mid-1 marks = Marks secured in (online examination-1+descriptive examination-1+one assignment-1)

Mid-2 marks = Marks secured in (online examination-2+descriptive examination-2+one assignment-2)

Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8+ Least of (Mid-1/Mid-2) marks x 0.2)

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 InternalEvaluation 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.

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

| <p>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</p> | <p>D. Any 1 of the above</p> | | | | | | | | |
|--|-------------------------------------|-----------|--|---------------------------|--|---------------------------|---|---------------------------|--|
| <table border="1"> <thead> <tr> <th data-bbox="89 680 531 757">File Description</th> <th data-bbox="531 680 1394 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="89 757 531 936">Details of participation of teachers in various bodies/activities provided as a response to the metric</td> <td data-bbox="531 757 1394 936">View File</td> </tr> <tr> <td data-bbox="89 936 531 1003">Any additional information</td> <td data-bbox="531 936 1394 1003">View File</td> </tr> </tbody> </table> | 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 | | | |
| 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 | | | | | | | | |
| <p>1.2 - Academic Flexibility</p> | | | | | | | | | |
| <p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p> | | | | | | | | | |
| <p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p> | | | | | | | | | |
| <p>11</p> | | | | | | | | | |
| <table border="1"> <thead> <tr> <th data-bbox="89 1330 531 1406">File Description</th> <th data-bbox="531 1330 1394 1406">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="89 1406 531 1473">Any additional information</td> <td data-bbox="531 1406 1394 1473">View File</td> </tr> <tr> <td data-bbox="89 1473 531 1576">Minutes of relevant Academic Council/ BOS meetings</td> <td data-bbox="531 1473 1394 1576">View File</td> </tr> <tr> <td data-bbox="89 1576 531 1688">Institutional data in prescribed format (Data Template)</td> <td data-bbox="531 1576 1394 1688">View File</td> </tr> </tbody> </table> | 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 | |
| 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 | | | | | | | | |
| <p>1.2.2 - Number of Add on /Certificate programs offered during the year</p> | | | | | | | | | |
| <p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p> | | | | | | | | | |
| <p>3</p> | | | | | | | | | |
| | | | | | | | | | |

| 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

199

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

1.3 - Curriculum Enrichment

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

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

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

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

ENVIRONMENTAL STUDIES: The student should have knowledge on

- The natural resources and their importance for the sustenance of the life and recognize the need to conserve the natural resources
- About environmental assessment and the stages involved in EIA and the environmental audit.

PROFESSIONAL ETHICS AND HUMAN VALUES:

- To give basic insights and inputs to the student to inculcate Human values to grow as a responsible human beings with proper personality.

RENEWABLE ENERGY SOURCES

This course gives an idea on renewable sources and systems to the students. This covers generation, design, efficiency and characteristics of various renewable energy sources including solar, wind, hydro, biomass, fuel cells and geothermal systems.

GENDER SENSITIZATION

It educates students about some key biological aspects of genders. It exposes the students to debate on the politics and economics of work and also helps students reflect critically on gender violence. As per the Government of Andhra Pradesh, the institute follows reservation policy for girl students.

| 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

27

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | View File |
| MoU's with relevant organizations for these courses, if any | View File |
| Institutional Data in Prescribed Format | View File |

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

629

| 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/2022-23/criteria-1/1-4-1.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 | No File Uploaded |

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

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

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | https://ucet.edu.in/naac-new/aqar/2022-23/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

225

| 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

123

| 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 actively participate in organizing professional bodies like CSI, IETE, ISTE etc. and organize technical programs.
- Participation in group discussions and technical quizzes is recommended to improve analytical and problem-solving skills.
- 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 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 | Nil |
| Upload any additional information | View File |

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1037 | 111 |

| 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 ensure that students become socially responsible professionals by adopting student-centered teaching-learning processes.
- Training classes are held that complement the regular learning process of teaching. Interactive teaching aids such as PPTs, online materials and videos are taught in the daily learning process which enhances students' understanding of the subject.
- A separate e-classroom with smart board has been used to visualize technological videos for students. Films submitted are decided by faculty members in consultation with students.
- Lectures by experts from industry and academia organized by relevant departments to provide knowledge and industry requirements beyond the curriculum. Webinars experts complement students to improve their knowledge and skills are held 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.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional information | Nil |

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

The use of information and communication technology tools in education is Method of education that uses information and communication Technology to strengthen, expand and improve delivery of information. Mobile learning (m-learning) in the form of e-learning.

This is an updated trend where education has overtaken the physical Class barriers and acquired mobility. Students can access As an organization whenever and wherever they need information Provides advanced technical resources.

Access to course content 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 better teaching practice with new methodologies such as blending learning. This also helps in better understanding of the subjects by students, by clarifying the abstract and difficult terms clarity through interactive programs in the classroom. he too overcomes the learning gaps between the teacher and the students, helping they capture 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 | No File Uploaded |
| 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

111

| 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

8

| 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

626

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

2.5 - Evaluation Process and Reforms

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

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

- At the beginning of the semester, faculty members suggest that. Students about the various components in 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.
- Records of students's corrected answers are distributed to them for approval. Students are allowed to approach the concerned faculty or HoD in any case of discrepancy

in marks or evaluation process.

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

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

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 | Nil |

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.

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 | Nil |
| 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.

(Internal) : Target = 50% marks

Attainment Levels 1- 40% of students scoring more than set target

Levels 2- 60% of students scoring more than set target

Levels 3- 80% of students scoring more than set target

(External) : Target = 35% marks

Attainment Levels 1 - 40% of students scoring more than set target

Levels 2- 60% of students scoring more than set target

Levels 3- 80% of students scoring more than set target

- In R20 regulation (Descriptive 15 M, Online 10M, and Assignment 5M) is conducted.

- In R19 regulation (Descriptive 10 M, Online 10M, and Assignment 5M) is conducted.

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

2.6.3 - Pass percentage of Students during the year

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

213

| File Description | Documents |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://ucet.edu.in/naac-new/aqar/2022-23/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/2022-23/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

The institute has created an ecosystem for innovation and other initiatives like creation and transfer of knowledge by establishing Institute Innovation Cell, R&D Cell, IPR and Entrepreneurship Cell, Performance Appraisal System and MoU with external Agencies for creation and transfer of knowledge.

In order to encourage faculty members to publish and patent their discoveries and to facilitate the submission of both minor and major research proposals to different funding agencies, the college established a Research and Development Cell.

The college has a Research and Development Cell to motivate the faculty members to publish and patent their findings and provide a mechanism for submission of minor and major research proposals to various funding agencies.

The college established an Institute Innovation Cell recognized by MHRD Innovation Cell to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. And to prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework

The college has an IPR and Entrepreneurship Development Cell with institutional mechanism to create entrepreneurial culture in the institution to foster growth of innovation and entrepreneurship amongst the faculty and students.

The faculty performance appraisal system in the college facilitates the promotion/ increment process in transparent manner for consistent development of the institute.

The college also withholds MoUs with industries and external agencies to promote collaborative activities in areas such as research, innovation, entrepreneurship, and community outreach.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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

1

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | View File |
| 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 | View File |

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**

6

| 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**

1

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| 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 JNTU Kakinada, the Universal College of Engineering and Technology operates a self-funded NSS unit to support students' personal and collective development.

Students are inspired to volunteer for a variety of NSS activities in order to gain self-assurance, hone their leadership abilities, and broaden their understanding of people from diverse backgrounds.

The college's NSS unit actively participates in a number of government initiated events, including Swatch Bharat, Yoga-Day, Clean and Green, blood donation camps, sibling distribution, tree planting, and a number of social issues pertaining to students' overall development.

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

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**

0

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

6

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | No File Uploaded |
| Number of extension and outreach Programmes conducted with industry, community etc for the 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

895

| 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

52

| 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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has adequate infrastructure and physical facilities for teaching-learning viz., class rooms, laboratories, computing equipment etc.

The institution fully realizes the importance of infrastructure in the teaching-learning process. It requires good infrastructure like spacious classrooms, laboratories with good equipment, Hygienic Canteen, excellent Transport facility, Wi-Fi campus providing internet facility in library and reading rooms, Play grounds, Power Backup etc., So UCET is committed to provide learning -made-easy infrastructure and its up-to-date improvement for effective and optimum use.

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

The policy of Institution focuses on:

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

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

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

Sports:

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

Outdoor Games:

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

Following are the facilities provided by the College:

National Service Scheme (NSS):

The College has a NSS Unit with a total strength of 60 members, affiliated to a JNTUK. The Unit was established with an objective to cultivate the attitude of social service and have social awareness in the minds of students and to make them responsible citizens.

Cultural Activities:

UCET organizes UNIQUEST 2023 a National level Student Techno Cultural Fest, freshers' day, farewell day and annual day celebrations every year in the traditional manner. These are the platforms for the students to exhibit their innate talent and creativity.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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.

26

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

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

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

261.37

| 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)

The Library at UCET is integrated with knowledge resource centre, comprising, a Central Library in an area of 635.41 sq. m., with about 39785 volumes with 7604 titles of books, periodicals, references, and national and international journals and CD-ROMs, and all the Departmental Libraries. It is automated using Integrated Library Management System (ILMS) computerized with ASME (American Society of Mechanical Engineering), ASCE (American Society of Civil Engineering), CLMS (College Library Management Software) Open-Source Integrated Software. It also has access to DELNET under institutional membership.

Initiatives taken by the UCET:

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

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

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

A. Any 4 or more of the above

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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

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

0.735

| 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**

246

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

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

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

Extensive infrastructure has been setup during the last five years:

- IP based Surveillance
- Remote

Cadence Design Software The infrastructure includes:

- Desktops (Xeon, Intel i3, Dual Core, processor based with 4 to 32 GB RAM and 500 GB to 1TB HDD)
- Laptops
- Total number of systems=480
- 2 Tower servers (Xeon4.2GHz,32 GBRAM)

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

- IP camera (2MP, sony, vivitek, Axis, canon, cp-plus)=115
- 4NVRwith32TBofstorage
- 2CiscoSwitches

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

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

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

4.3.2 - Number of Computers

480

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

261.37

| 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.

Transport committee:

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

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

Campus beautification and maintenance activities:

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

Water Supply:

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

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

- Stationary store

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

755

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

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

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

131

| 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/2022-23/criteria-5/5-1-3.html |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |
| 5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | |
| 308 | |
| 5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | |
| 308 | |
| File Description | Documents |
| Any additional information | View File |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | View File |
| 5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees | B. Any 3 of the above |

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

64

| 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

15

| 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**

5

| 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.**

6

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

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

The students actively participate in various academic and administrative committees/cells of the Institution namely,

IQAC, Various clubs, Class Review Committee. 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 inter and intra institutional workshops and seminars in internalizing the quality and culture of the Institution.

Class Monitoring Committee:

The heads of various departments in the college select the students who have leadership qualities as class representatives. These class representatives play the role of facilitators between the students and teachers. Class Monitoring meetings consisting of the Principal, HoDs and class representatives of each class are held twice in a semester. The class representatives voice out their problems related to syllabus completion, teaching aids and teaching and learning process.

Administrating Bodies

Anti-Ragging Committee: Minimum 3 students from every branch.

Women's Grievance Committee: Minimum 5 students from every branch.

Discipline Committee: One student from every class from all the departments are members in this committee.

Canteen Committee: Minimum 2 students from everybranch

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

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

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

301

| 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.

An alumnus of a college is a former student who has either attended or graduated in some fashion from the institution. Alumni meet is a type of event in which old students of the college will gather at the venue, some events will be organized for them, later they will share their experiences about the college, their job and higher education.

In Universal College of Engineering & Technology, Alumni meet was organized on 19th September 2022. 90 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.

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)

D. 1 Lakhs - 3Lakhs

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

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

Vision

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 life long learning
- o inculcate the ethical value system that takes on comprehensive research and development.
- o instill a unique culture of continuous learning that imparts accountability and responsibility in partnership with stakeholders

Goverance :

The Universal College Of Engineering & Technology defines its governance by substaining its vision and mission.

To realize the vision excellent academic procedures, infrastructure and good governance are essential to achieve this goal for which a number of academic and administrative committee are formed in the institution.

The internal quality assurance cell (IQAC) planes the activities to make efficient use of the available resources with goal of improving the quality.

The perspective plan calls for the creation of research and inovation centers, the center of excellence, permanent affiliation with JNTUK and UGC autonomy.

The faculty involves in various committees and cells like college academic committee, Grievance redressal committee, the IQAC etc., in the institute.

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

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

A dedicated management team and an efficient Principal are making vigorous efforts to realize the vision and mission of the College. To achieve this, various committees have been established, and individual responsibilities are assigned to each staff member through Heads of Departments (HODs). The College's management, Principal, and faculty are committed to strategic work, its implementation, and maintaining comprehensive documentation. Furthermore, there is a continuous effort to sustain the effectiveness of plans through a Quality Management System.

The Institution advocates participative management across various activities, allowing both faculty members and students to express their views in enhancing the quality of the Institution. This decentralized and participative management approach fosters harmony within the College, contributing to

the overall development of the students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

In order to uphold the standard of education in accordance with the institute's vision and mission, a formally articulated strategic plan is incorporated. Regular evaluations of the implemented strategic plan are carried out periodically, seeking feedback from diverse academic and administrative entities. The management, Principal, and Heads of Departments exert significant efforts to enhance the implementation of the plan's modules. Successfully Implemented: The Institute has a strategic plan that was enacted in 2016, incorporating the establishment of IQAC to elevate the quality of teaching and learning. IQAC oversees all significant activities related to teaching and learning, as well as academic and administrative planning and implementation. Through the ongoing and concerted efforts of IQAC, there has been a transformation from a traditional teacher-centric approach to a student-centric one. Among the initiatives undertaken by IQAC are ensuring student-centric, ICT-enabled, and interactive teaching and learning methods. Eminent academicians from renowned institutions were invited to conduct guest lectures on themes related to quality. Additionally, expert sessions focusing on various participative teaching and learning methods are regularly organized.

Monitoring student academic progress
Periodical 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.**To achieve UGC autonomy**

| File Description | Documents |
|--|---------------------------|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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

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

The Head of the Institution, the Principal, and all Heads of Departments (HODs), along with faculty members, consistently review the progress and address issues within different committees. The institutional organogram is as follows:

The Society: The Diocese of Guntur Society was registered on October 28, 1940, under the Societies Registration Act of 1860 (Act No. XXI of 1860), S.No. H1 of 1940-41. Its registered office is located in Guntur. The society is chaired by Most Rev. Chinnabathini Bhagyayya (Bishop of The Diocese of Guntur Society).

The Governing Body, which comprises the Board of Directors, Chairman, Secretary & Correspondent, Administrator & Treasurer, approves various academic and administrative activities, as well as policy matters of the College. The Principal serves as the chief academic administrator and intermediary between the Management, Staff, and Students.

HODs are responsible for the department's functioning in accordance with the College's imposed policies. The Administrative Officer oversees accounts, budgets, purchases, stores, admissions, and assists the Principal in the day-to-day administration of the College.

| File Description | Documents |
|---|---|
| Paste link for additional information | 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 inter faces | 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

UCET implements different schemes to all the employees with the motive to promote their competence in various departments. Welfare measures for teaching and non-teaching members are

Faculty Development Measures:

- FDPs are organized in the campus by various departments.
- Each discipline has senior faculty persons from industries & research organizations as advisors.
- Expert lectures are organized regularly by the institution.
- Sponsorship for higher studies including doctoral research and various fields.

Providing Awards / Incentives:

- The Institute awards the good performers every year on special occasions like College Day etc.
- The Institute provides financial support to attend Conferences, workshops and paper presentations etc.
- Awards and incentives for research 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 members in the working period.
- 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 FDP's, Conferences Paper presentations etc.

Welfare measures for non-teaching staff:

- Financial support on emergency situations.
- FDP (Employee's provident Fund) as per mandate for eligible non-teaching staff.
- ESI facility for eligible non-teaching staff.

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

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

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

42

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

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

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

3

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | No File Uploaded |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | View File |
| 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

41

| 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:

The teacher, as a person and teacher as performer, is also one of the mandatory assessment for his/her performance is appraised through his/her implementation of innovative methodologies in classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered.

The performance of the faculty is evaluated based on professional contribution to academics, contribution to short term training courses, performing invigilation duties, contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, NBA, NAAC, etc.

The above set performance appraisal report is filled by employee in a given prescribed proforma which includes all the above set related to points and sub points. Filled in the prescribed format is revised by HOD to assess the attitudinal / behavioral / professional aspects of the faculty concerned.

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, subject knowledge, awareness, productivity, quality, innovation willingness to learn, diligence submission of all reports to the department, diligence, sincerity, courteous, domain area knowledge, productivity and group behavior etc.

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

6.4 - Financial Management and Resource Mobilization

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

The institute has all the tools it needs for financial management. It has a separate wing for accounts with a fully Computerised Ecap system .only authorised individuals are permitted to Manage bank account. Tuition fees are the institution's main source of income. The majority of the tuition fees will be paid in cash at the offices accounting departments. Teaching and non-teaching Staff salaries are only paid through the bank. The internal and the external auditors have been appointed by the college administration Every quarter of the Year, audits are carried out by them. Reports that have been thoroughly Verified and sent for further action to the Principal and the management. INTERNAL The internal auditor confirms and reviews the money received from admission fees and other student funding sources for conferences and workshops. He thoroughly verifies salary statements and other payments regularly. EXTERNAL The external audit is regularly carried out by a chartered accounting firm. In order to maintain transparency the institute submits income and expenditure statements for the external audit. He audits the accounts under the income tax account.As per the audit report there are no major audit objections for the financial year 2022-2023.

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

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

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

0

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

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

The tuition fee serves as the College's main Source of funding. The college management allots a specific budget at the beginning of each year, taking into account of the needs of each department .

Reports are periodically reviewed by the College finance Committee and sent through the principal, to the College accounts wing. Departments are directed not to go beyond the budgetary Constraints.

The department head must provide Justification for any deviations that take place. The college uses the money received from tuition Collection for maintenance of the campus and monthly salary payments. The College Charges an additional fee for transportation and dorm accommodations. on the other hand, in the event of a cash Crunch, the management remains prepared to make investments from their own resources or obtain bank loans to fulfill the needs of the college. The college makes every effort to use funds as efficiently as possible.

| 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 Internal Quality Assurance Cell (IQAC) plays a crucial role in enhancing the teaching-learning process within educational institution by conducting review meetings and framing of Academic calendars and organizing the cocurricular and extention activities.

The following are the involvements of IQAC: Curriculum Development: IQAC may contribute to the design and review of the curriculum to ensure it meets quality standards and aligns with the educational goals.

Faculty Development: Facilitating programs for continuous professional development of faculty members, ensuring they stay updated with current teaching methodologies and subject matter expertise.

Student Feedback Mechanism: Implementing systems to collect and analyze feedback from students regarding the teaching-learning process, providing insights for improvement.

Assessment and Evaluation: Ensuring fair and effective assessment methods, maintaining the integrity of examination processes, and reviewing evaluation systems.

Use of Technology: Integrating technology in the teaching-learning process to enhance accessibility, engagement, and overall effectiveness.

Learning Resources: Monitoring and ensuring the availability of quality learning resources, including libraries, online databases, and other materials.

Pedagogical Innovations: Encouraging and supporting innovative teaching methods and approaches to make the learning experience

more dynamic and engaging.

Quality Assurance Policies: Developing and implementing policies that focus on maintaining and improving the overall quality of the teaching-learning process.

By actively participating in these aspects, IQAC contributes to fostering a culture of continuous improvement in the teaching-learning environment, ultimately benefiting both students and educators.

| 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

Since its establishment in 2016 the college's IQAC has worked diligently to improve the Calibre of instruction, learning, and assessment While encouraging a research minded Culture among faculty members.

It continuously assess the educational process ,keeps an eye on infrastructure, advancements, and determines when new, pertinent courses should be introduced. In the course of this endeavor, the IQAC has recommended that a conference be held regarding NEP2020 and post-NAAC accreditation.

The following events are being planned by the IQAC on its own initiative.

1. National NEP 2020 Seminar.
2. Creating the college prospectus and academic calendar.
3. Setting up the industrial camp.
4. ISO Accrediation.
5. Inserting college information into the AISHE portal

- 6. Green Audit from external agency. .
- 7. Encouragement of ITC use in the institution 's daily operations.
- 8.The AQAR preparation process
- 9.Organisation of workshops, seminar,and other extra-curricular activities.
- 10.The annual report.
- 11.The quarterly and annual magazine publications.
- 12.Compliance with the solar energy plant
- 13.Evaluation of academic performance.

| 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/2022-23/criteria-6/6-5-3.html |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender sensitivity refers to being aware of, understanding, and responsive to the ways in which gender affects individuals' experiences, opportunities, and perspectives. It involves recognizing and challenging stereotypes, biases, and inequalities to promote fairness and equal treatment for people of all genders. For which the principle conducts a meeting with senior members at the beginning of every semester to frame rules and regulations to enhance equality in campus.

S.No

Academic year

Program Conducted

Date and duration

No. of participants

1

2022-23

Women's Day

08-03-2023

74

2

2022-23

Orientation programme for Improving the communication skills for girls students

12-05-2023

78

3

2022-23

Awareness on Self -Defence

23-09-2022

91

Safety and Security:-

By incorporating the following measures, we create a safety and secure environment for the students and faculty: :*By implementing CCTV cameras across the campus to monitor key areas, entrances, and common spaces through which Surveillance is done thoroughly.

Well-lit Spaces: we ensure adequate lighting in and around the campus, particularly in parking lots and pathways, to enhance visibility and deter potential threats.

*Security Personnel: By employing trained security personnel to patrol the premises and respond to incidents promptly.

The health and safety includes guidelines for laboratory use, machinery operation, and personal protective environment .

***Transportation Safety:** we provide secure parking areas and well-maintained vehicles for transportation safety.

Visitor Management:we implement procedures for visitor registration and monitoring to track and control access to the campus .

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | https://ucet.edu.in/images/igac2223/7.1.1_a.pdf |
| Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://ucet.edu.in/naac-new/aqar/2022-23/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 | View File |
| Any other relevant documents | No File Uploaded |

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

| | |
|---|--|
| <p>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</p> | <p>A. Any 4 or all of the above</p> |
|---|--|

| 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 |

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

| 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 | No File Uploaded |
| Any other relevant information | No File Uploaded |

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

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:

- Rangoli is one of the most beautiful and pleasing art forms in India.
- It is a part of floor decoration and an expression of the creative self.

Regional:

Semi-Christmas celebration:

- The Cultural committee will organize Semi-Christmas with a festive spirit in college premises. The entire campus was ornamented with bright colored flags and balloons and a brightly decorated Christmas tree and crib.

Ramzan:

- The Cultural committee will organize Ramzan with a festive spirit in college premises.
-

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.
- Clean India Campaign 2.0 : The NSS unit had conducted rally on awareness for "Clean India". And Our Students have raised slogans regarding cleaning in future and its disadvantages.

| 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

1. International yoga Day:

• International yoga day is celebrated in seminar hall on June twenty first, 2022, with, II, III Year students. • Later with the help of volunteers our college students participated in yoga asana.

2. Blood donation camps:

- On 29th Jun 2023, the NSS unit of UCET organized Blood Donation Camp in campus.
- The principle goal of conducting this program is to acquire the Blood from a suitable Donor who's Blood is secure for the recipient.

3. Booster Vaccination Camp

We should distinguish what we mean when we say booster shots. What we're really talking about right now is, is there a need to get a third dose of a vaccine if you've already received your first two doses.

4. Independence Day:

- On August 15, 2022, Universal College of Engineering & Technology celebrated India's 76th Independence Day.

The Other programs we have conducted are:

5. Ayurveda Day: On 21st of October,

6. 73rd Anniversary of Constitution of India: On 26th Nov, 2022.

7. Voter Registration Drive: was organized on 9th December 2022

8. QUIZ WHIZ on Human Rights Day: On 10th Dec 2022

9. Republic Day: On 26th January 2023

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://ucet.edu.in/naac-new/aqar/2022-23/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

Independence Day:

The institution celebrates the Independence Day every year to re-experience the spirit of patriotism and to honor the glorious past of our country. Celebrated.

Teachers' Day:

This day is celebrated in commemoration of the birthday of Dr.S.RadhaKrishanan. Celebrated.

Engineers' Day:

This day is celebrated in commemoration of the birthday of Dr.M.Vishweshwaraiah. Celebrated.

National Unity Day:

The birth anniversary of Sardar Vallabhbhai Patel the first home minister of Independent India is celebrated as National Unity Day. Celebrated.

Ayurveda Day:

The National Ayurveda Day is celebrated every year on the occasion of Dhanwantari Jayanti since 2016. Celebrated.

Republic Day:

The institute celebrates Republic day on 26th January every year. It is a remarkable day in the history of India as the day when finally the constitution of India came into effect on January 26th, 1950. Celebrated.

Indian Constitution Day:

Constitution Day is celebrated in our country on 26th November every year to commemorate the adoption of the Constitution of India. Celebrated.

Women's Day:

International Women's Day is a global day celebrating the historical, cultural, and political achievements of women. The day also observed in support of taking action against gender inequality around the world. Celebrated.

| 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 | No File Uploaded |

7.2 - Best Practices

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

To build a vibrant and supportive community by markedly expanding opportunities to connect and explore ideas for the benefit of nation and its people. Ucet have sensed the social requirements and provided excellent opportunities that are responsible to the needs of the community. Our institute help students to meet Economic, Social, Creative and Environmental challenges to become participants in shaping their future. The institute give each one ample scope to ponder and reflect on various knowledge portals in the library. Our best practices through delivery of variety of programmes will ensure the opening up of frontiers of higher order thinking and problem solving to instill and ignite creative sparks that lie in the young aspirants. The steps/initiatives followed by our institutes foster the cooperation between thoughts and actions by learning through exchange of ideas expertise and best practices

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://ucet.edu.in/naac-new/aqar/2022-23/criteria-7/7-2-1.html |
| Any other relevant information | https://ucet.edu.in/naac-new/aqar/2022-23/criteria-7/7-2-2.html |

7.3 - Institutional Distinctiveness

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

The NSS unit organizes events like tree planting and field

trips in addition to other extracurricular, sports and cultural activities to introduce students to today's most serious social issues. At the college, a session on human values is scheduled. The NSS programme officer actively engages the students in open dialogue on a variety of themes.

They are encouraged to engage in contests addressing environmental issues and taken on field trips to connected enterprises. They are encouraged to participate in community health programs in multiple villages. These programs focus on educating women about preventing and managing health issues.

Through the active NSS unit, which performs numerous services to implant social ideals, societal development is also instilled on a significant scale into the students as a special focus. The NSS unit organizes a wide range of activities throughout the year, including planting various saplings in school grounds to raise awareness among students about the environment.

Beneficiaries are at the heart of everything we do, and we believe they are the driving force behind their own success.

| 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. Arranging Webinars and Talk Sessions: Planning Industrial-visits made feasible after interacting with relevant authorities of industries belonging to various sectors. Increase of Interaction Programmes and Webinars for the students, to keep them updated with the pulse of the industry.

2. Signing of MOU's: MOU's will be signed with renowned industries for further skill enhancement and providing practical exposure to the students.

3. To achieve NBA status

4. To strive for permanent affiliated to the JNTUK.

5. The college plans to generate additional income through

different projects.

6. To achieve AUTONOMOUS Status.

7. To encourage the faculty for conducting and doing more FDP's

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

9. To make Alumni active in various activities in college

10. Increase number of patents, copy rights, research funding, sponsored projects, internships

11. To encourage the Students and Faculties to complete NTPEL, ONLINE Courses.

12. Plantation of more trees and plants for the greenery and beautification of campus.