



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

**JNTUH UNIVERSITY COLLEGE OF
ENGINEERING JAGTIAL**

- Name of the Head of the institution **DR. B PRABHAKAR**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **6302503548**
- Mobile no **6302503548**
- Registered e-mail **cej@jntuh.ac.in**
- Alternate e-mail **principal@jntuhcej.ac.in**
- Address **Nachupally Village, Kodimial
Mandal, Jagtial Dist**
- City/Town **Nachupally**
- State/UT **Telangana**
- Pin Code **505501**

2.Institutional status

- Affiliated /Constituent **Constituent**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **UGC 2f and 12(B)**
- Name of the Affiliating University **JNTUH**
- Name of the IQAC Coordinator **Dr.T.Venugopal**
- Phone No. **9849170691**
- Alternate phone No. **6302503548**
- Mobile **9849170691**
- IQAC e-mail address **cej@jntuh.ac.in**
- Alternate Email address **principal@jntuhcej.ac.in**

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

https://jntuhcej.ac.in/web/uploads/iqac/934_AQAR202223.pdf

4.Whether Academic Calendar prepared during the year?

Yes

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

https://jntuhcej.ac.in/academic_calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.29	2022	25/01/2022	24/01/2027

6.Date of Establishment of IQAC

14/08/2018

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
0	0	0	0	0

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 **2**

- 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)

1. Suggested to organize seminars and conferences on New technologies. 2. Suggested to participate in sports and other cultural events for students. 3. Suggested that students be exposed to various coding platforms and take part in hackathons. 4. Suggested to arrange lectures of external/industrial experts in different Interdisciplinary courses for students and staff. 5. Suggested to apply the NBA renewal for three departments.

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
Organise workshops and faculty development programmes with grants from university.	The departments to organize for 1 week workshop to enhance the skills for student and Staff.
Usage of ICT tools	Successfully used ICT tools effectively for delivering the lectures
Purchase new computers to fulfill demand of students and staff	New 35 computers are purchased by the Institution.
Encourage the students to participate in different curricular and co-curricular activities.	Number of students participated in university level sports and won the prizes. Arranged educational tours for the students.

13. Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

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<ul style="list-style-type: none"> Name of the statutory body 		

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	30/03/2024

15. Multidisciplinary / interdisciplinary

The vision of the National Education Policy (NEP-2020) to provide high-quality education and develop human resources as global citizens has been embraced by JNTUH UCEJ. A discussion among faculty members was initiated to explore the key principles of NEP, such as promoting diversity in curriculum and pedagogy, leveraging technological innovations in teaching and learning, encouraging logical decision-making, fostering innovation, and nurturing critical thinking and creativity. In alignment with the NEP, an online seminar on the Implementation of NEP was conducted on March 31, 2021. The academic programs at JNTUH UCEJ are periodically redesigned to incorporate multidisciplinary and interdisciplinary courses as electives, offering students maximum flexibility to choose electives from other specializations. It is evident that the institution is actively working towards implementing the recommendations of NEP. The motto of NEP-2020 for higher education is to eliminate the fragmentation of learning by transforming institutions into comprehensive interdisciplinary universities, colleges, and Knowledge Hubs. In line with this, JNTUH UCEJ aims to achieve accreditation from the National Assessment and Accreditation Council (NAAC) with a commendable grade and strives for excellence in engineering education. The institution offers a provision for three open electives and six professional electives, adopting a multiple entry/exit policy to provide students with greater flexibility. As part of its commitment to holistic and multidisciplinary education, JNTUH UCEJ integrates courses such as Human Values and Professional Ethics into the curriculum and organizes yoga sessions for all students on campus. Beyond academics, the institution fosters community engagement through various outreach initiatives. These include health awareness programs, and technical workshops on Python programming, Artificial Intelligence & Machine Learning (AIML), and coding languages have been conducted to enhance skills and knowledge in emerging

technologies.

16.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is a pivotal element of the National Education Policy (NEP) 2020 that academic institutions must implement. As we advance, it is imperative to integrate Higher Educational Institutions into a globalized framework. At our college, we have been actively implementing online courses through national platforms such as SWAYAM and NPTEL. These courses enable our students to earn credits, which we are considering recognizing against elective courses. Additionally, the college has successfully registered with the Academic Bank of Credits (ABC) on the National Academic Depository portal under the user ID: jntuhcej.

17.Skill development:

JNTUH UCEJ places a strong emphasis on skill development by integrating advanced tools and training programs alongside the curriculum. Software and platforms like MATLAB, Python, Java, CREO, ANSYS, and HyperMesh for Mechanical Engineering are actively utilized to enhance students' technical expertise in various domains. These initiatives ensure that students are well-prepared to meet industry demands. The institution, with support from TASK (Telangana Academy for Skill and Knowledge) and TAAP (Tata Affirmative Action Programme), has conducted various personality development and interview skills programs for B.Tech students. Life-skills training and activities dedicated to fostering entrepreneurship are also organized. The J-Hub initiative of the parent university bridges the gap between industry and academia, focusing on cutting-edge technologies through boot camps. Additionally, JNTUH UCEJ has introduced a minor degree program Data Science for IT&AIML for CSE aimed at providing multidisciplinary knowledge to expand career opportunities for students. To develop workplace-related skills and foster the right attitudes, the institution encouraged students to participate in internships facilitated by the NGO "Voice4Girls." These experiences not only enhance technical and professional skills but also instill a sense of social responsibility in students. JNTUH UCEJ is committed to adopting innovative practices in teaching and learning. This includes facilitating horizontal mobility for vocational students and collaborating with industries to offer practical skills and hands-on experience. Industry-relevant courses are regularly designed to meet evolving market demands. Furthermore, ICT and digital tools like Massive Open Online Courses (MOOCs) and flipped

classrooms are utilized to empower teachers and improve training methodologies. A holistic assessment and evaluation system has been implemented to ensure comprehensive learning outcomes. The institution is also planning to introduce a minor degree program to provide multidisciplinary knowledge, thereby enhancing students' career prospects and academic flexibility. JNTUH UCEJ strongly believes in promoting equal dignity for individuals pursuing add-on courses. This commitment reflects the institution's broader goal of contributing to the development of a skilled and competent workforce for the Country.

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

Promoting Indian arts and culture benefits not only the nation but also individuals, fostering a deeper connection to heritage and identity. At JNTUH UCEJ, the institution actively celebrates significant occasions and organizes activities in regional languages to instill a sense of regional pride among students. Events such as Republic Day, Independence Day, Ambedkar Jayanthi, Babu Jagjeevan Rao Jayanthi, National Unity Day, and the College-level Youth Festival are addressed by speeches and activities conducted in native languages. Engineering Day and Teacher's Day are also regarded as two of the most significant occasions of the year. Women's Day is celebrated with cultural programs, emphasizing the contributions of women in society. Festivals such as Sankranti Traditional Day (featuring Rangoli competitions), Durgapooja, Bathukamma, and Pre-Christmas celebrations highlight the institution's commitment to promoting national unity and fostering awareness of India's diverse regional languages and cultural traditions. At JNTUH UCEJ, equal importance is given to all religious festivals and observances, reflecting the spirit of inclusivity. National commemorative days, including Constitution Day and Yoga Day, are also observed to reinforce the values of the nation and the well-being of its citizens.

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

JNTUH UCEJ has adopted Outcome-Based Education (OBE) in alignment with the standards of the National Board of Accreditation (NBA). The institution has clearly defined Programme Outcomes (POs) and Course Outcomes (COs), with all courses designed to foster cognitive abilities such as Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Beyond domain-specific skills, the learning outcomes emphasize social responsibility, ethical practices, and entrepreneurial skills, ensuring that students contribute actively to the nation's economic,

environmental, and social development. The COs are systematically aligned with the philosophy of the POs, creating a cohesive and purpose-driven curriculum. Workshops on OBE, NAAC, and NBA are regularly conducted, engaging both students and faculty to strengthen understanding and implementation. The syllabus, designed by JNTUH, reflects macroeconomic and societal needs, incorporating the principles of the National Education Policy (NEP). The B.Tech. programs in Electrical and Electronics Engineering (EEE), Mechanical Engineering (ME), and Computer Science Engineering (CSE) have been accredited by the NBA and renewed for the period 2022-2025, ensuring compliance with OBE principles. The curriculum at JNTUH UCEJ integrates community participation, environmental education, and value-based education through innovative credit-based courses and projects. Lab experiments and mini-projects with a focus on technology development are embedded within the curriculum to promote practical and hands-on learning. Courses such as Professional Ethics and Human Values and Gender Sensitization are part of the B.Tech. program, fostering ethical awareness and inclusivity. Additionally, Environmental Sciences is a dedicated course addressing sustainability and environmental stewardship. JNTUH UCEJ actively engages in community outreach through initiatives like the Student Welfare Committee and the National Service Scheme (NSS), which extend activities to benefit the community. These programs underline the institution's commitment to holistic education that integrates academic excellence with societal contributions.

20.Distance education/online education:

Students are encouraged to explore MOOC courses and adopt new learning technologies, while teaching faculty are motivated to pursue NPTEL programs and integrate innovative teaching tools. These efforts aim to enhance the quality of education and promote continuous learning.

Extended Profile

1.Programme

1.1

712

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

File Description	Documents
Data Template	View File

2.Student

2.1 1388

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 357

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

File Description	Documents
Data Template	View File

2.3 326

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 78

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

Extended Profile

1.Programme

1.1 712

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

File Description	Documents
Data Template	View File

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2.1 1388

Number of students during the year

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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	31
Total number of Classrooms and Seminar halls	
4.2	284.24
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	720
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

PLANNING FOR MECHANISM OF CURRICULUM DELIVERY

The effectiveness of the curriculum delivery mechanism adopted in JNTUHCEJ is evident in respect to attainment of the program outcomes.

The key issues in designing the curriculum delivery mechanism involve four stages:

1.Compliance of University curriculum for attaining the program outcomes

Two committees in coordination with each other are working at the department level to study the university curriculum for gaps in conjunction with attainment of program outcomes.

2.Allotment of Course to the specialized Faculty

The Head of the department works on the worksheet to allot specialized faculty to achieve Course outcomes.

3.Course Delivery Methods.

The Program outcomes can be achieved only when the course is well delivered to the students.

The delivery methods adopted include:

- Class Room Teaching
- ICT Supported Learning
- Lab experimental work
- Project-based learning

4.Documentation of implemented Curriculum delivery mechanism

Before semester begins, the following activities are taken at department:

- Preparation of department academic calendar.
- Conducting departmental meetings for subject allotment.
- Review of student feedback
- Identification of course gap

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)

ADHERENCE TO ACADEMIC CALENDAR

The institution being an affiliated college has been supplied with academic calendar every year by the University for Conduct of class work and examination that includes both internal and external examinations. In addition to them, numbers of events have to be taken up at the institution and department levels to organize curricular, co-curricular and extra-curricular activities. This necessitates for the preparation of institution and departmental academic calendars. Institution academic calendar includes the events of University academic calendar and

the department academic calendar includes both of them. The academic calendar is prepared by Department Advisory Board (DAB) and circulated to all the students and made available on the website.

The departments have the following salient events those shall be included the department academic calendar:

- To complete the syllabus of all the courses in time.
- To conduct various committee meetings.
- To organize Guest/Expert Lectures, Fests, Field Visits etc.
- To conduct Examinations, Training Programs etc.

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

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

10

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

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

6

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

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

390

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

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 college has been practicing OBE since 2015 onwards. The program outcomes PO6, PO7, PO8 and PO9 are

difficult to achieve unless some crosscutting issues related courses were not introduced. These are listed below:

List of Cross Cutting issues in University Curriculum:

Program Name

Course Code

Core Course Name

B.Tech

JJR23

*MC210/*MC110/*MC110/*MC609

Environmental Science

R18, R22

*MC309/*MC410/*MC310 MC309/MC409

Gender Sensitization

R18

*MC609

Environmental Science

R18

MC510

IPR

R18, R22

*MC309/*MC410

Constitution of India

M.Tech.

R22&JJR23

MC

Research Methodology and IPR

Audit-Course I & II

1. English for Research Paper Writing
2. Disaster Management
3. Sanskrit for Technical Knowledge
4. Value Education
5. Constitution of India
6. Pedagogy Studies
7. Stress Management by Yoga
8. Personality-Development through Life Enlightenment Skills

Essence of Cross Cutting Issues in University Curriculum:

1. Professional Ethics and Human values: To promote them among the graduates JNTUH has introduced as Professional Ethics and few audit courses.
2. Gender Sensitization: In order to sensitize the student on the global issue gender inequality and discrimination, JNTUH includes Gender Sensitization Lab, provides ample opportunities to the female staff/students.
3. Environment and Sustainability: Environmental studies are a part of JNTUH curriculum which provides information about ecology and environmental issues.

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

522

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

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

1017

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

C. Any 2 of the above

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

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

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

357

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

357

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

JNTUHUCEJ strives hard to design student-centric approaches and activities to address requirements of different levels of students as they come from diverse socio-economic backgrounds and medium of instruction in schoolings.

IDENTIFICATION OF SLOW LEARNERS

At First Year Slow learners are identified based on Intermediate results and EAMCET Rank. At the Second, third and final year Level based on their performance in previous semester examinations.

SUPPORT POLICY FOR SLOW LEARNERS:

Mentoring / Counseling:

Remedial classes are conducted by the faculty to those who have backlogs in the examinations. Mentors keenly observe the academic performance to assist the student by resolving the issues that affect their ability to learn or impede their academic success.

IDENTIFICATION OF ADVANCED LEARNERS

Advanced learners are identified based on the performance in the university examinations of previous semesters and internal examinations, Participation of students in various activities like quizzes, conferences, fests, competitive exams, other certification courses, paper presentation, cultural, extra-curricular and research competitions.

ADVANCED LEARNERS ENCOURAGEMENT POLICY

They are encouraged to learn new technologies, develop projects, internships, training programs & competitions, National and

International Paper Presentations, online courses like NPTEL, MOOCs, certifications, GATE, GRE, TOEFL, IELTS etc. Self learning material are provided in the Library.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/147_EMuIwy_Ldo7ayDpVQtBOU6d0RBhVp/view?usp=sharing
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1388	78

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

1. EXPERIENTIAL LEARNING

Experimental learning is being practiced in the institution, By providing additional equipment in the laboratories like transmission line simulator to understand the performance of transmission line, 3D Printing, IOT Lab, Spectrum Analyzer etc.

By way of carrying out Mini Project and Major Project carrying out the Project works. It is mandatory for a PG Student to get his project work be published for award of the degree.

By way of Organizing Technical Fest SIZZLE is organized every year where the students from various other engineering colleges come and participate in Project Expos.

2. PARTICIPATIVE LEARNING

Active learning involves Brain storming, model making, presentations, essay writing, and simulations on technical content, use of technological tools like App development for

course delivery or assessment, debugger tools, etc.

Collaborative Learning is implemented by organizing project expos that create a platform for the student to exhibit their practical skills.

Inquiry-based Learning involves beyond the classroom for investigation of open questions/problems, developing their critical thinking and increasing understanding levels by conducting review of research papers, surveys, etc.

3. PROBLEM BASED METHODOLOGY

Problem based methodology involves by doing Case Studies, Analysis, Reasoning and conducting Hackathons.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/1CwMbdYxUuuIKKePfMrLY6FlX2YZW-25X/view?usp=sharing

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

JNTUHUCEJ Teachers use ICT for effective teaching with Learning Management Systems, e-learning resources etc.

TECHNOLOGY ASSISTED LEARNING MANAGEMENT SYSTEM

All the classrooms are equipped with LCD projectors and 600+ internet enabled computers with 190 Mbps leased line connected through LAN and Wi-Fi. Department Seminar Halls are equipped with Audio-Visual interactive smart panel boards each worth of about Rs.2.5 Lac. The institution also has a media center for recording the videos of faculty delivered lectures.

INTERNET SUPPORTED LEARNING SYSTEM

Content- based resources: Students and faculty can access a vast supply of educational resources like NPTEL-SWAYAM, Blogs, and SPOKEN TUTORIAL by IIT, Bombay, 24/7 Computer Center and Digital Library to search for the various e-books and journals.

Interactive Instructional Courseware: Self learning materials
e.g. Google Class Room, Video Lectures, course material are made available to students through college website.

Learning Management Systems:

The Faculty utilizes electronic resource packages like DELNET, NPTEL, Coursera, Digital Library and Audio Visual aids to demonstrate the concepts. Students access digital form of previous year question papers and syllabus. Library book tracking software – OPAC (Online Public Access Catalogue)

Online Training for Placements: The FACE Academy, Hyderabad provides online guidance for training in Aptitude, Technical and Personal competencies.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

52

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

78

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

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

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

32

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

78

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

2.5 - Evaluation Process and Reforms

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

TRANSPARENT INITIATIVES AT INSTITUTE LEVEL

Examination Branch prepares the time table for IATs and circulates to all the departments. The rubrics for the evaluation of IATs are displayed on the notice boards for student reference. The CIE exam question paper is prepared based on course outcomes and Bloom's Taxonomy as per the OBE Process. The valued scripts are duly given to students for their verification and any discrepancy in the valuation shall be brought to the faculty by the student immediately. The CIE Marks awarded for laboratory experiments are assessed on daily basis. 2% of total valued scripts are verified by the Head of the Department and the principal. The subject teacher briefs the students about their attendance and performance in the internal examinations. Continuous assessment report for all the courses is displayed in respective department notice board. At the end of each semester, The Principal verifies the CIE marks of all the students. CIE marks are conveyed to parents after the display, through SMS and counselors. All the records and data bank of attendance in internal Examinations, Question papers, valued answer sheets/copies, summary of marks sheets, are properly maintained by the teachers for academic monitoring/audit.

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

POLICY OF INTERNAL EXAMINATION GRIEVANCES SYSTEM**Grievances related to CIE**

The institution takes steps to ensure that the mechanism for examination related grievance redresses in both levels of its operation is transparent, prompt, time-bound, robust and efficient. Assessment takes place twice in semester in the form of MID-I and MID-II examinations. Answer scripts are evaluated within 2 to 3 days, the results are discussed in the class room for verification and marks are displayed in the department notice board. If the student has any grievances like awarding

less mark, papers not evaluated properly, counting mistakes and attendance of the students are verified by the respective subject teachers. If he/she is not satisfied, the issue may be represented to the vice-principal through the HOD concerned for redressing. 2% of total valued scripts are verified by the Head of the Department and the principal. The grievances during the conduct of online and theory examinations shall be attended by the principal and vice-principal, forwarded to the university if required. Parents are also provided an opportunity to voice their opinions about examination grievances, related to their wards in parent-teacher meetings. The JNTUHUCEJ students can submit their grievances through college website also.

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.

The college has framed Vision and Mission and SWOT analysis. For achieving vision and mission, the college has adapted Outcome Based Education (OBE) as per the guidelines laid by approving and accreditation authorities. In line with OBE, PSOs, POs and COs are evolved. Course Outcomes (COs) for each course are well defined by the departments as well as by the university using Bloom's Taxonomy while designing the curriculum and the same is published in the syllabus book of each program.

Awareness of Outcomes to the Faculty and Students:

At the beginning of the academic year all the faculty members prepare the course files and laboratory manuals. PO Statements are made available in the course files and also in the course preamble.

First year students and their parents are made aware of POs and PEOs during the induction program.

Awareness of Outcomes to the other stake holders:

The Vision and mission Statements along with PEO's are

disseminated (Internal and External Stake Holders) at:

- Department Meeting,
- Alumni meeting,
- Workshops,
- Seminars,
- Faculty development Programs,
- Parent meetings,
- Fresher's orientation,
- College Website,
- Departments notice boards.

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.

Process of Evaluating Programme outcomes:

The program outcomes, program specific outcomes and course outcomes are measured and mapped from the performance of the students' internal assessment, assignments and University examinations. The attainment level measures are based on the average marks obtained by the students. The course outcomes attainment is evaluated after the completion of each course based on internal assessment, assignments and University examination and the performance of the students is considered for analysis and attainment measures.

Tools for calculating Program Outcomes and Program Specific Outcomes:

The following tools are used for assessment of program outcomes

i) Direct assessment: The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO

mapping for all the courses in the program is prepared by the program coordinator.

ii) Indirect assessment: The feedback is collected through an on-line survey from the students at the end of program (Program Exit Survey).

The overall PO & PSO attainments are calculated by considering 70% of direct attainment and 30% of indirect attainment through surveys.

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

326

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

2.7 - Student Satisfaction Survey

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

https://jntuhcej.ac.in/student_feedback

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	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

27

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	No File Uploaded
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

Research and Development (R&D) Centre

The institution has created space in Academic Block-1 to establish a R&D Centre. As the majority of students reside in hostels, the R&D Centre is quite helpful for them to work on their research ideas.

Human Resources

About 75% of regular faculty are Ph.D. holders and 95% of them are recognized as research guides by the various universities including JNTUH, conducting research programmes for the scholars working under them.

Infrastructural Facilities

To create innovative ecosystem within the campus, the departments have procured various equipment in addition to the equipment required as per the curriculum.

Research Publications

The faculty have as many as 59 publications of International repute in various conferences and Journals during the last Academic year.

Transfer of Knowledge-Project Expos: students are encouraged to exhibit their technical skills during the project expos.

Transfer of Knowledge- Conducting Hackathons

The J-Hub hosts hackathons to inspire students to innovate and give them a stage on which to share their concepts.

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

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

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

3

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

3.3 - Research Publications and Awards

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

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

5

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

44

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

15

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

Impact of organizing extension activities in the neighborhood

This section describes various activities organized by the institution in the neighborhood community.

NSS Activities:

The college administration has recognizes the social duty as one of the real needs to follow upon, which influences the students to learn great esteems and obligations required for good citizenship, service orientation and holistic development. Earmarked Funds are released by the University periodically.

Some of the Activities are:

- The NSS Unit along with social organizations conducts health check-up camps for surrounding villagers ,Eye Screening, Dental check-up camps for Students of the college. The Unit organized Road safety awareness programs on wearing helmet, seatbelts, drunk and drive, minor driving, following safety rules etc in association with Road Transport Authorities (RTA) and Police department.
- Organized community development programs in villages and Blood donation camps are conducted every year in association with charity organizations such as Red Cross and Lions Club.
- The Swatch Bharath activity, effective utilization of water resources, Plantation, etc programs are conducted in surrounding villages.

Voice4 Girls:

The institution has a MOU with VOICE 4 GIRLS, a non profitable organization, students works in association with the organization in educating socially and economically disadvantaged adolescent girls.

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

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

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

3

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

3.4.3 - 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

12

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

1020

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

2

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

2

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The campus is situated in 100 acres land in a clean and green environment.

The institute has one administrative block and two separate academic blocks. It has four hostels and two staff quarters.

About 1200 students and 30 staff families reside in campus. It has dispensary with 10 beds, SBI bank with ATM, Transportation bus, Ambulance and other vehicles.

Male and Female MD Physicians are working for medical requirements of the students.

Class rooms and Drawing Halls are spacious, well-ventilated with natural light and adequate electrical facilities. Ergonomically designed furniture, teaching aids like LCD are used in TLP. Each classroom has a podium, a Desktop computer with internet connectivity for delivery of the lecture material.

A 24/7 Computer Center with 35 nos. i5 Computers with Internet access is available for the benefit of students.

The college has laboratories as per the regulations of AICTE and JNTUH, with fully equipped laboratories. Department seminar halls are provided for every department with seating capacity of 60. College has a 300 seating Auditorium and Open-Air auditorium to organize co-curricular and cultural events.

CC Cameras are installed.

Institution has 600+ computers for labs and installed with adequate software.

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

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

The institution has adequate facilities to promote extra-curricular activities like cultural events, sports, games, gymnasium and Yoga.

Cultural Activities:

Bathukamma, the floral festival is celebrated every year in JNTUHCEJ with a great joy and josh by the colorful girl students in the campus. The day has been observed as festival that represents village tradition, culture & heritage of Telangana State. The National Festivals such as Independence Day, Republic Day, Ambedkar Jayanthi, Jagjeevanram Jayanthi, Voters Day, Youth festival, Pre-Christmas etc.

The Institution celebrates Fresher's day, Induction program, Department Technical Fests, Sports day and Annual day (Sizzles) and farewell every year.

Sports, Games (Indoor/outdoor):

JNTUHCEJ has adequate facilities for various sports and games including Cricket, Volley ball, Basket ball, Shuttle Badminton, Throw ball, Kabaddi, Table Tennis, Carroms, Chess etc., College will host various zonal events like Inter College Sports Fest, Sports Meet, and Indoor Games Competitions etc.

Well equipped gymnasium is available within the campus for students as well as for faculty.

Yoga & Meditation:

JNTUHCEJ organizes physical exercise and yoga sessions as a mandatory course for all the students and faculty members.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1DPuTMPK6DR7SgIA9ZilLoVLb-c9vH_Ot/view?usp=sharing

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

30

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/188_RmQhoS3ee6ZpTBYzEGrFOKmC60mvF/view?usp=sharing
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)

284.24

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

4.2 - Library as a Learning Resource

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

JNTUH UCEJ Library Management Software:

JNTUH UCEJ Central Library is using NewGenLib software Version 3.3 library automation software (Fully automated). This software is being used since 2010. The following functional modules are included in the NewGenLib.

- Acquisition
- Technical Processing (Cataloguing)
- Circulation
- Serials Management
- Web OPAC (Online Public Access Cataloguing)
- Administration and Other Utilities such as verifications, stocks etc.

The application consists of the following features including:

1. Supports multi-user and multiple security levels.
2. Affordability: Uses all open source and free components.

3. Platform independent: Runs on Windows and Linux.
4. Supports Barcode printing and ID card printing.
5. Uses Barcode Technology for issue and return of books.
6. Entry of New Books.
7. Maintenance of Journals & Magazines.
8. Android app available to access library catalogue on mobile phones.

All the books are bar-coded in the library & barcode laser scanners are used in the circulation counter for book transaction to avoid misuse.

Facility:

About 25 desktops are exclusively dedicated to the student access during the library hours and 4 desktops for staff with internet facility of 150 Mbps from BSNL (shared)

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

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

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

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals

during the year (INR in Lakhs)

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

81.92

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

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

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

186

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

Computer Maintenance Office:

The institution frequently reviews the IT infrastructure and procures as per the requirements following University procedures. Software and hardware are maintained and upgraded at regular intervals with well qualified lab technicians/system administrators.

1. Computers and Servers, Printers / Scanners, Copiers, and LCD Projectors:

The College is equipped with 12 Computer labs having a total of about 700 Desktop computers, 40Printers/ Scanners, 02 Copiers and 5 Servers with latest configuration hardware and software. All computer labs have UPS power backup and Generator backup.

2. LAN, Wi-Fi and Internet connectivity:

The College is having a high-speed internet leased line (ILL) connection of about 150 Mbps bandwidth and are connected in laboratories and classrooms with optical fiber cable, necessary ethernet switches and routers. Wi-Fi access is available across the campus and staff/students.

3. Computer Software:

JNTUH CEJ encourages the use of both licensed and freely available open-source application software which is available for teaching, learning and research activities. Various softwares like MATLAB, EMTP software, ANSYS software, Multisim Circuit simulation are available.

4. Aadhaar Enabled Biometric Attendance System:

A Total of 6 aadhaar enabled biometric attendance devices are available for registering the attendance for students and faculty.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1YYQU2EKO0fpRLc8sV_0sCPQbiWgURArr/view?usp=sharing

4.3.2 - Number of Computers

720

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

174.96

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

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

Routine Maintenance- House Keeping Contractor:

- The university provides House Keeping Contractor through tender process.
- Under the supervision of Executive Engineering (EE) - Engineering Department, the House keeping contractor deploys Labor for material upkeep. Institution has full time employees like plumbers, sweepers, gardeners, carpenters, painters, etc.

The Engineering Department attends the maintenance of the following maintenance works.

1. Painting
2. Water Supply
3. Plumbing works

4. Water heater and Cooler maintenance

The following special initiatives were taken to improve the physical ambience of the campus:

- New Green Lawns areas developed near Library, Hostels and Departments.
- Trees were planted all over the campus.
- RO water plant installed.

Electrical Maintenance Officer (EMO): For supervision of Electrical maintenance and preventive works. Electricians are available 24X7 and does the following works.

1. Maintenance of all the electrical operated Lab equipment
2. UPS Maintenance
3. Solar Light Maintenance
4. Water heater/cooler maintenance
5. 24 Solar Light Systems erected along the campus roads.
6. LED Lamps.

Vehicle Maintenance Officer-VMO: For supervision of vehicle Maintenance.

Furniture Maintenance Officer-FMO: To look after furniture requirements and repairs.

Sports Complex: Qualified Physical Director look after the sports requirements and maintenance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1HVtkZ5Xm3ZsbQje6pVZWY9VZQbFRtcBf/view?usp=sharing

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

1093

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

63

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

D. 1 of the above

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

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

0

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

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

E. None of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

53

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
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

18

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

47

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.

3

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

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

The institution believes the participation of students in various committees to inculcate the leadership, decision making

qualities to develop institution. They are:

- Grievance and Redressal/College Internal Complaint
 - As per the directions of AICTE, institution provides Grievance Redressal Portal to address grievances raised by students/Teachers/Non-Teaching staff.
- Anti-Ragging
 - As per the guidelines of AICTE and University, this committee looks in matters of ragging within and around college.
- Women Grievances Redressal
 - It acts on gender sensitization, violence against women and legal provisions.
- J-Cell
 - Here, students actively involved, throughbrain storming sessions to achieve outcomes.
- Library
 - Here, students recommend books and journals which are essential for academics.
- Hostel
 - Here, Students ensures hostel cleanliness, health, hygiene and to redress their grievances.
- Games and Sports (GSC)
 - Students actively involved are responsible for Intra and Inter collegiate sports.
- NSS
 - It has many student volunteers, who provide service oriented activities in and around campus.
- Alumni Cell
 - It helps to improve student interaction and relation. To enterprise, inspire and mentoring by Alumni.
- Other Committees: It encourages student participation in committees like Orientation Annual Day, Canteen and Student Activity center.

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

620

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

5.4 - Alumni Engagement

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

JNTUHCEJ has its registered alumni association aims to link the alumni to the institution to the pursue students for guidance, direct and indirect help to administration and foster a spirit of loyalty.

JNTUH College of Engineering Alumni Association (JNTUHCEJAA) is instrumental in developing plans to support the institution and achieve its VISION and to add value to stakeholders.

Its objective is to enroll alumni as members to facilitate active participation of alumnae in college events and

initiatives. Alumni coordinator gets information of the availability to interact with the students.

“RECONNECT” are conducted every year, to discuss the current industry scenario.

Alumni Member for Counseling Services (AMCS) System, is used in academic and non academic matters to achieve their goals and aims at addressing deficiencies in attitude and knowledge of students. It involves:

- **Curriculum Enrichment:** It involves providing feedback on OBE Process, POs attainment and curriculum.
- **Interactive Sessions:** It helps in holding interactive sessions to students about opportunities abroad.
- **Industry Connect:** It helps in educating students regarding employment opportunities in Industry.
- **Counseling:** It involves voluntary programs like career counseling in areas of expertise.
- **Generosity:** Alumni of various departments have donated text books for library.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute

The aspiration is to emerge as a premier institution in producing professional and competent engineers capable of making valuable contributions in Engineering and Technology.

Vision of the EEE Department

The aspiration to produce competent electrical engineers in the field of Electrical and Electronics Engineering who can be capable of providing valuable contributions to power and other electrical sectors.

Vision of the ME Department

To generate excellent technocrats in the mechanical engineering who can contribute fruitfully to the technological and socio-economic development of the nation

Vision of the ECE Department

To develop the Department into a Centre of excellence for providing quality education to student and to make significant research contribution to the Electronics and Communication Engineering fraternity.

Vision of the CSE Department

The aspiration is to provide innovative centric professional education in Computer Science and Engineering.

Vision of the IT Department

The aspiration is to produce globally competent professionals capable of making valuable contribution to the society in the field of Information Technology.

Mission of the Institute

The aspirations shall continue to fulfill:

M1: With the support of diligent, assiduous, industrious and highly qualified faculty.

M2: With state-of art facilities for knowledge enrichment of students.

M3: Guiding and training students in conjunction with needs of

industry.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UNryd9zd1GcSBwWhMd5nrNbmRt1m9wdd/view?usp=sharing
Upload any additional information	No File Uploaded

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

Opportunities

The delegation of powers is prescribed by the university which is mandatorily had to be followed by Institution governance. However, the institutional decentralization and participative management is commendable in respect of achieving outcomes.

Role of parent university:

- Budget.
- Infrastructure.
- Regular Staff.

Role of Principal:

- Quality Policy- Planning, Deployment and Monitoring.
- Administration of Teaching and Learning.
- Following IQAC suggestions for improvements.
- Maintaining Discipline.
- Resolving Grievances.
- Attending university meetings and arranging college meetings.
- All the works assigned by University Management.

Role of Vice-Principal:

- Class work
- Examinations.
- All the works assigned by Principal.

Role of Head of the Department:

- Execution of Principal Instructions at Department level.
- Monitoring Class Work, Feedback Collection and action plans.
- Organizing Meetings.
- Workload Distribution.
- Planning the Infrastructure requirements.

Role of Assistant Registrars:

- Assisting Principal in administration.
- Office Management.
- Human Resource Deployment.
- Budget Preparation.

Role of Executive Engineer:

- Maintenance of Buildings
- Infrastructural augmentation.

Participative Management:

1. Electrical Maintenance Officer.
2. Computer Maintenance Officer.
3. Vehicle Maintenance Officer.
4. Furniture Maintenance Officer.
5. Hostel Manager&Deputy Wardens.
6. Medical Officers.
7. Officer In charge Examinations
8. Training and Placement Officer.
9. IQAC Coordinator.
10. Alumni Coordinator.

Committees for welfare of students:

1. Disciplinary.
2. Anti Ragging.

3. Sports & Cultural.
4. R&D committee.
5. Women empowerment.
6. Minority Grievance.
7. SC & ST Cell.
8. NSS.
9. Transport.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xn2rRWqyG85jgAsox1xSVFlHwo3CbR8P/view?usp=sharing
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan ensures that the vision, mission and objectives of the college to achieve by the process of plan, review, evaluation, reporting and re-planning.

Strategic Plan 2016-2022

What

The institution to be recognized as Autonomous institution.

Why

Meet Objectives of Regulatory Authorities, Outcome based Education, Industry Oriented Curriculum.

How

- NIRF Ranking below 100
- Improve Internal Support Systems
- Enhance engagement with Industry
- Enhance Alumni engagement

Enablers

- Governance
- Faculty and Staff
- Students

- Alumni
- Infrastructure

Core activities

- Developing Employable HR
- Nurturing Creativity and Innovation
- State of Art Infrastructure
- Service to Society
- Helping unemployed youth in society.

Strategic Plan identifies the following broad targets:

Sl. No

Strategic Plan

Sub Plans

Status

1

Enhance engagement with society

NSS, other Social activities and contributions

Deployed

2

Diverse Student learning environment

ICT based TL, Value added, Skill development center.

Deployed

3

Improve internal support systems

ERP, LMS, effective implementation

Deployed

4

Enhance alumni engagement

Registered alumni association, Alumni meetings, alumni involvement

Partially Deployed

5

Develop a cleaner and greener environment

Solar, LED, Waste Management, Green landscaping

Deployed

6

Academic Autonomy

Regular Faculty recruitment

Partially Deployed

7

Industry-Institute Interaction

MOUs with industry

Partially Deployed

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1E13asx2znvEca97zYy2hYfZfjHDotVCF/view?usp=sharing
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.

Processes and Procedures for implementation of Quality Issues:

Sl. No

Description

Administrative Setup

Policy

Process

Procedure

1

Recruitment of Regular Faculty & Service Rules

As per University Rules

As stipulated by the State Government

2

Recruitment of Contract Faculty

Institution committee

University Guidelines

Written Test and Demo Performance is considered

Vacancies notified in the News Papers

3

Renewal of Contract Faculty Services

Institution committee

University Guidelines

Based on Demo Interview

Minimum of 50 % is cutoff

4

Institutional Policy-making

IQAC

To review quality in all the academic matters

Stakeholders Feedback, Result Analysis, Attainment of outcome, Placements, Training etc.

By IQAC meetings

5

Purchases above Rs.1 Lakh

Committee for Prospective Planning

Procurement policy is to finalize in a meeting comprising of Executive council

Organizes UCPP meetings in university for EC approval

University calls the bidders.

6

Purchases below Rs.1 Lakh

Non-Statutory purchase committee

Procurement policy is to finalize with concerned committee

Organizes purchase committee meetings

Purchase orders on quotation basis.

7

Outsourcing /Housekeeping/Security

University Committee Directorate of BICARD

Policy is to finalize with concerned committee

Call for global tenders.

University finalizes the contractor.

8

Grievances

Institutional committees

To help stakeholders record their complaints.

Online / offline mechanism

Grievances committee resolves

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1VmI1pgZpQMndJrZrj0KsGFqHf7oZxPxx/view?usp=sharing
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	View File
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

MONETARY WELFARE SCHEMES

1. Employees recruited before Sep'2004:
2. Pensioner Benefits.
3. GSLIC Contribution scheme.
4. General Provident Fund Facility
5. Medical Reimbursement Rs.3500/- per anum and Hospital Charges up to Rs.2.0 Lakhs
6. UGC unassigned grants for paper presentation in India Rs.10,000/-and Abroad Registration Fee+ Travel Grant + DA (As per UGC norms).
7. EL encashment for 15 days per year for Non-Teaching staff.
8. Short Term for Non-Teaching Staff only: Festival Advance,Educational Reimbursement.
9. Long Term: House Building, Purchase of different provision.
10. Increments and implementation of RPS.
11. Dearness Allowances.

Employees recruited after Sep'2004:

1. LIC Contributory Pension Scheme
2. UGC unassigned grants for paper presentation in India Rs.10,000/-
3. UGC unassigned grants for paper presentation in Abroad Registration Fee+ Travel Grant + DA (As per UGC norms).
4. Long Term Advances: House Building , Purchase of different provision.
5. Increments and implementation of RPS.
6. Dearness Allowances.

Outsourcing Staff:

ESI /EPF Contributions.

NON- MONETARY WELFARE SCHEMES

Leaves:

Study Leave ,Maternity leave, Paternity Leave ,Child Care Leave,Medical Leave,Summer vacation ,Casual+ Special Casual leave ,Optional Holidays , Academic Leave,Attending RC/OC/FDPs

,On duty Leave as per UGC Service rules.

Other Welfare Measures:

1. Free Wi-Fi
2. Personal Computer for each faculty
3. Purified Drinking Water.
4. Health Centre
5. Three and Two Bed Room Quarter Accommodation.

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

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

0

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

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

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

37

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

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

Teaching Staff Performance Indicators:

S. No.

Performance Indicator (PI)

1

Result Analysis

2

Student's Feedback

3

Conferences / Workshops attended

4

Number of publications/papers

5

Contribution to the college

6

Contribution to the department

7

Project Guided etc.

8

Number of leaves Utilized

9

Punctuality & Adaptability

Non- Teaching Staff Performance Indicators:

- Punctuality and adaptability
- Administrative Contributions
- Skills and knowledge in DTP Software

Objective of evaluating Performance Indicators

These are the parameters that are helping the JNTUHUCEJ administration to evaluate the teaching and Non-Teaching performance.

In case of full time faculty for award of extending contract period for next AY.

The outcome of the review of the SAR is also communicated to the staff through oral communication and by the way of granting of the increments.

Procedure

Faculty is asked to submit the Self Appraisal Report by duly filling the prescribed form to the Principal along with supporting documents if any. The performance report of every staff is assessed by HOD, IQAC-C and Principal.

The actions taken will be presented by IQAC-C in the immediate next IQAC meeting for the note of the members and for receiving and constructive suggestions for continuous improvement.

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

6.4 - Financial Management and Resource Mobilization

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

INTERNAL AND EXTERNAL AUDIT

- Financial Planning and resource management is the foresights of the institution in strategize its growth and development.
- Income and expenditures of the institution every year is done through Internal Audit and the External Audit.
- At the end of every financial year, after completion of internal audit the external or post audit conducts.
- The outcome of internal audit is, the audit review, and

monitor the expenditure as per Budget Estimates.

- The external audit reviews the physical target achieved by the University. As a result of this, any excess or kind of irregularities occurred can be brought to the notice of officials.

AUDIT PROCEDURE

1. Each voucher is verified for its correctness by way of verifying the sub-vouchers.
2. Receipt (Income)/ Expenditure entries are verified in all the cash books.
3. Cash book entries are reconciled with the Bank statements both Receipts and Expenditures.
4. Finally, the audit party prepares Receipt-Expenditure statement and submits to the Principal and a copy to registrar
5. The Principal is responsible to give proper clarifications for all those objections and to see that they have been dropped.

At the completion of every financial year, the accounts are well audited by the Audit Officers.

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

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

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

0

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

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

The JNTUHUCEJ budget is prepared by the Principal every year taking in to consideration of both recurring and Non-Recurring expenditures.

The Major Receipts (Income Sources) of the Institution:

Financial Year

Budget allocated in Rs.

Expenditure in Rs.

Remarks about Budget allocated

2023-24

30,80,56,000.00

11,92,77,420.50

ADEQUATE

The Major Expenditures :

- Salary and wages payments
- Laboratory and building infrastructure
- Purchasing of Library books, subscription of journals
- Construction of new buildings Establishment of new labs.

- Organizing events in the college such as Industrial visits, workshops, hands on training, national level events such as Tech-Fests, sports day etc.
- Up gradation of laboratories.

Strategies for Optimal utilization of funds:

- For effective teaching-learning practices that include conduction of orientation programs, workshops, inter-disciplinary activities, training programs that ensure quality education.
- For development and maintenance of infrastructure.
- For social service activities as a part of social responsibility.
- For Purchase of educational technology aids.
- For Green Campus and amnesties.
- For in-house security measures.
- For R&D activities.
- For conducting college functions, alumni and parent-teacher meetings.
- For meeting various expenditures under different heads such as: R&D,T&P, Software, Computers, ICT, Library Books/Journals/e-subscriptions, Equipment 7 Consumables, Furniture & Fixtures, NSS, Examinations, Industrial Tours etc.

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

IQAC has initiated twopractices as follows

1. **Establishment of Coding Lab: For enhancing coding skills of Non-Computer Science students for benefit of employability.**

2. Support to Girl Students and Women Employees:

IQAC initiative to provide Sanitary Napkin Incinerators:Napkin

destroyers were used to convert them into a sterile ash.

Outcome: Promotion for hygiene environment

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

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

The IQAC of the JNTUHUCEJ has brought the following reforms in the Teaching-Learning Process:

Planning and Monitoring Quality of Teaching-Learning Process

The faculty are allotted to the courses based on experience, feedback and preferences.

- Faculty prepares class Time Tables, Teaching Plan, , COs, CO-PO/PSO mapping , lesson plan and Teaching Diary, review all these by HOD periodically.

IQAC Review Strategies:

Following review parameters are taken into the consideration as per IQAC quality issues mentioned in the section 6.5.1 for effective teaching-learning process

Review Parameter

Frequency

Students

Academics

Once in a semester

Once in a year

Staff

Academics

Once in a semester

Once in a year

Academic

Facilities

Once in a semester

Once in a year

Audit

Issues

Once in a semester

Once in a year

Governance

Issues

Once in a semester

Once in a year

In few cases, solutions are provided directly by Mentor/HOD/Vice-Principal or by Principal directly for necessary action in handling various activities such as disciplinary, Academic & non-academic grievances with help their respective coordinators.

In addition, IQAC coordinator plays a major role to monitoring and functioning the entire system for constructive development of the institution.

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)

C. Any 2 of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

JNTUHUCEJ has a large number of girl students that amounts to around 50% of the total strength with a good number of women are working in the institution. .

Initiatives to promote GENDER EQUITY:

- The college has established a grievance and redressal cell working under the guidance of senior lady faculty.
- Anti-Ragging help line numbers are displayed at all

vulnerable points.

- In-house hostel facility for girls in campus with single entry, 24/7 Security, CC TV surveillance, solar Fencing and in house care takers.
- Lady security is deployed in hostels.
- Stringent disciplinary actions are taken against in-disciplinary activities.
- Napkin Vending and incinerators are provided in rest rooms with better hygienic conditions
- 24/7 ambulance service with well facilitated health center
- Gyms, Sports, yoga and games facilities are provided.
- Girl students are encouraged with training programs for their personal growth.
- Students are actively involved in social service activities. With the cooperation of Voice 4 Girls, and encouraged to educate rural girls.

File Description	Documents
Annual gender sensitization action plan	Nil
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://drive.google.com/file/d/1fjU9S5Zy8_mSiawYSvy0vr1Tf_aDF9vu/view?usp=sharing

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

B. Any 3 of the above

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

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

system Hazardous chemicals and radioactive waste management

JNTUHCEJ is functioning in a clean and green environment surrounded by hills. The college administration believes strongly in maintaining hygienic conditions in the campus by providing a clean environment to the residents.

The bio-degradable waste collected are plant remaining, paper waste and non-biodegradable are plastic waste.

Solid& Liquid waste management:

JNTUHUCEJ is primarily involved in segregating and collecting waste through the use of dust bins and large containers which is collected by agencies for further processing.

The institution follows paper reuse by utilizing single sided used papers for writing/printing. Dry leaves, plant clippings, papers and paper cups/plates and other bio-degradable materials are segregated and put in compost pits for decomposing. Non-biodegradable waste is sold to scrap vendors on a regular basis. The institution provides dustbins at common places like corridors, which are cleaned regularly.

Institute educates the students regarding rain water harvesting and takes up activities related to saving water campaigns.

Hazardous chemicals and radioactive waste management

Hazardous chemicals like acids are used in the Chemistry laboratory .These acids are neutralized before disposing them off. The lab assistant handling the hazardous chemicals is given personal protection equipment.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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

B. Any 3 of the above

water recycling Maintenance of water bodies and distribution system in the campus

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

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

- 1.Restricted entry of automobiles**
- 2.Use of bicycles/ Battery-powered vehicles**
- 3.Pedestrian-friendly pathways**
- 4.Ban on use of plastic**
- 5.Landscaping**

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

C. Any 2 of the above

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

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

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

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

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

JNTUH UCEJ can be regarded as a cosmopolitan kind of institution as many students with diversified background based on regional, linguistic, communal and socioeconomic students are pursuing their studies. Students from neighboring states as well as from

Jammu & Kashmir are studying in the college.

Inculcating tolerance and harmony amongst students about the diversities

JNTUH UCEJ understands the importance of inculcating tolerance and harmony among students to cope up and live with others with diversified backgrounds. The institution takes much efforts and interest to empower education on moral and ethical values. Institute always focuses on a peaceful, healthy and comfortable campus for all the students. By conducting such events, the students gain experience and cultivate social responsibility and inculcate the interpersonal and intrapersonal skills through participation. The College fosters academic and career success through the development of critical thinking, effective communication, creativity and cultural awareness in a safe, accessible and affordable learning environment.

Efforts/Initiatives taken:

- Tolerance and harmony towards cultural, regional, linguistic-Attitude-Family Culture
- Socioeconomic Diversity-Justice to innocents-Unity in diversity
- Promotion of National Integrity-Celebration of National Festivals-Patriotic Culture
- Communal Diversities-Celebration of Ritual Festivals-Promotion of Integrity

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

JNTUH UCEJ is putting all its efforts to make everyone feel responsible to the Nation.

Values: Inculcate every one with a respect to Indian Culture

The institution is putting the best of its efforts to eliminate the ill effects of advancements in the technology such as misusing of mobile phones in the following aspects.

- How mobile phone is curbing the Indian culture and values
- How not internet be used
- Relations with fellow-beings, parents, teachers and seniors

The institution organizes festivals like Bathukamma, Sankranthi, Ramzan, X-mas

Rights: Inculcate every one with a respect to know the rights as an Indian

College encourages students and staff participation in various awareness programs on fundamental rights

Duties: Inculcate everyone to discharge the duties properly

Principal, staff and students have helped the district administration in organizing the General Elections.

- Covid-19 awareness & Save Environment programs

Responsibilities: Inculcate everyone to feel responsible to the Nation and its growth

NSS unit is promoting digital literacy, Swatch Bharath, No-Plastic, paying tax, save water, blood donation, eye camp and so forth for the benefit of the surrounding villagers.

Following subjects are included in curriculum

- Constitution of India
- Professional Ethics
- Intellectual Property Rights

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/17Xs3WtckBzkm2EruKUEEvSvnhi63wu-V/view?usp=sharing
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

D. Any 1 of the above

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

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

The institution celebrates International commemorative days like;

- International Yoga day,
- Women's day,

National commemorative days like:

- Teachers day,
- Independence day,
- Republic day,
- Voters day
- Gandhi Jayanthi,
- Ambedkar Jayanti,

Other Celebrations:

Renowned Yoga professionals are invited on the occasion of International Yoga Day celebration. A session of basic yoga is taught to the students and staff.

Every year the institution celebrates International Women's Day with a theme like-Women empowerment, women in industries, work-life balance, balance for the better, etc..

Eco-friendly Ganesh idols are distributed by the students to create awareness to the public on environmental issues every year on Vinayaka Chaturthi. Various festivals like Sankranthi, Deepavali, Bathakamma, pre Christmas are also celebrated in the campus. Altogether, JNTUHCEJ is a symbol of social values, culture, ethics and education.

Cultural fest named SIZZLES is organized by the students with great vigor. The students and staff attend these fests with great enthusiasm.

In campus welcome for freshers, farewell to final year students, annual day cultural fest, technical fest are also organized by the college which enhance the ethics and morals of the students.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	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.

1. Alumni Member for Counseling Services (AMCS)

Alumni Member for Counseling Services (AMCS) students are advised in academic and non academic matters and also in personal domain. This helps them to achieve their goals in life. This scheme aims at addressing the deficiencies in attitude, habits and knowledge of the students.

AMCS members are divided into four groups:

1. IT Sector Group
2. Government Sector Group.
3. Higher Education Group.
4. Entrepreneurs Group.

2. Enhancement of Employability Skills.

- To train the students to achieve their Goals (Placements/ Higher Education/ Entrepreneurs)
- To enhance the employability opportunities by strengthening the Coding, Aptitude, Communication skills, Personality Development etc.
- To make the students ready to face the competitive exams.
- To create zeal among the students to settle as entrepreneurs.

.3. Online Student Feedback System

Every student is supplied with online feedback forms. Student is required to fill his opinions in the form of grading for a maximum scale of 5 (Excellent) to 0 (very poor). The online feedback system is developed in such a manner; more value is given for the student vote who recorded attendance 90% and above.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	https://drive.google.com/file/d/1E-8MoPiQBpD4CFz_Zo5ti9halbH14Zva/view?usp=sharing

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 institution's distinctiveness can be identified from these following aspects:

1. Availability of Principal, Faculty and Staff in the Campus for 24/7.
2. Availability of Authors of the Text Books (recommended by University) as Faculty.
3. Availability of Highly experienced and highly Qualified Faculty.
4. Availability of Huge number of Research guiding Faculty.
5. Availability of spacious well ventilated class rooms with ICT facilities.
6. Availability of laboratories with state of art equipment.
7. Availability of Green and pollution free environment.
8. Availability of Anti-ragging free environment.
9. Availability Laboratories, Library and ICT facilities for 24/7.
10. Availability of Security personnel & e-surveillance by CC cameras for 24/7.
11. Availability of Uninterrupted power supply and solar street lights.
12. Availability of Medical Facilities for 24/7
13. Availability Pure RO Drinking water system.
14. Availability of Facilities for student extra and co-curricular activities.
15. Availability of Open Auditorium and Auditorium
16. Availability Seminar Halls
17. Availability Transport Facilities
18. Availability of Strong Alumni Network.
19. Availability of Training and Placement Officer.

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

PLANNING FOR MECHANISM OF CURRICULUM DELIVERY

The effectiveness of the curriculum delivery mechanism adopted in JNTUHCEJ is evident in respect to attainment of the program outcomes.

The key issues in designing the curriculum delivery mechanism involve four stages:

1.Compliance of University curriculum for attaining the program outcomes

Two committees in coordination with each other are working at the department level to study the university curriculum for gaps in conjunction with attainment of program outcomes.

2.Allotment of Course to the specialized Faculty

The Head of the department works on the worksheet to allot specialized faculty to achieve Course outcomes.

3.Course Delivery Methods.

The Program outcomes can be achieved only when the course is well delivered to the students.

The delivery methods adopted include:

- Class Room Teaching
- ICT Supported Learning
- Lab experimental work
- Project-based learning

4.Documentation of implemented Curriculum delivery mechanism

Before semester begins, the following activities are taken at department:

- Preparation of department academic calendar.
- Conducting departmental meetings for subject allotment.
- Review of student feedback
- Identification of course gap

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)

ADHERENCE TO ACADEMIC CALENDAR

The institution being an affiliated college has been supplied with academic calendar every year by the University for Conduct of class work and examination that includes both internal and external examinations. In addition to them, numbers of events have to be taken up at the institution and department levels to organize curricular, co-curricular and extra-curricular activities. This necessitates for the preparation of institution and departmental academic calendars. Institution academic calendar includes the events of University academic calendar and the department academic calendar includes both of them. The academic calendar is prepared by Department Advisory Board (DAB) and circulated to all the students and made available on the website.

The departments have the following salient events those shall be included the department academic calendar:

- To complete the syllabus of all the courses in time.
- To conduct various committee meetings.
- To organize Guest/Expert Lectures, Fests, Field Visits etc.
- To conduct Examinations, Training Programs etc.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	A. All of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Details of participation of teachers in various bodies/activities provided as a response to the metric</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>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								
1.2 - Academic Flexibility									
1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented									
1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented									
10									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>No File Uploaded</td></tr> <tr> <td>Minutes of relevant Academic Council/ BOS meetings</td><td>No File Uploaded</td></tr> <tr> <td>Institutional data in prescribed format (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Minutes of relevant Academic Council/ BOS meetings	No File Uploaded	Institutional data in prescribed format (Data Template)	View File	
File Description	Documents								
Any additional information	No File Uploaded								
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded								
Institutional data in prescribed format (Data Template)	View File								
1.2.2 - Number of Add on /Certificate programs offered during the year									
1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)									
6									

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

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

390

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

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 college has been practicing OBE since 2015 onwards. The program outcomes PO6, PO7, PO8 and PO9 are difficult to achieve unless some crosscutting issues related courses were not introduced. These are listed below:

List of Cross Cutting issues in University Curriculum:

Program Name

Course Code

Core Course Name

B.Tech

JJR23

***MC210/*MC110/*MC110/*MC609**

Environmental Science

R18, R22

*MC309/*MC410/*MC310 MC309/MC409

Gender Sensitization

R18

*MC609

Environmental Science

R18

MC510

IPR

R18, R22

*MC309/*MC410

Constitution of India

M.Tech.

R22&JJR23

MC

Research Methodology and IPR

Audit-Course I & II

1. English for Research Paper Writing

2. Disaster Management

3. Sanskrit for Technical Knowledge

4. Value Education

5. Constitution of India

6. Pedagogy Studies

7. Stress Management by Yoga**8. Personality-Development through Life Enlightenment Skills****Essence of Cross Cutting Issues in University Curriculum:**

1. **Professional Ethics and Human values:** To promote them among the graduates JNTUH has introduced as Professional Ethics and few audit courses.
2. **Gender Sensitization:** In order to sensitize the student on the global issue gender inequality and discrimination, JNTUH includes Gender Sensitization Lab, provides ample opportunities to the female staff/students.

3. **Environment and Sustainability:** Environmental studies are a part of JNTUH curriculum which provides information about ecology and environmental issues.

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

522

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

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

1017

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	C. Any 2 of the above
--	-----------------------

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

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

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

357

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

357

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

JNTUHUCEJ strives hard to design student-centric approaches and activities to address requirements of different levels of students as they come from diverse socio-economic backgrounds and medium of instruction in schoolings.

IDENTIFICATION OF SLOW LEARNERS

At First Year Slow learners are identified based on Intermediate results and EAMCET Rank. At the Second, third and final year Level based on their performance in previous semester examinations.

SUPPORT POLICY FOR SLOW LEARNERS:

Mentoring / Counseling:

Remedial classes are conducted by the faculty to those who have backlogs in the examinations. Mentors keenly observe the academic performance to assist the student by resolving the issues that affect their ability to learn or impede their academic success.

IDENTIFICATION OF ADVANCED LEARNERS

Advanced learners are identified based on the performance in the university examinations of previous semesters and internal examinations, Participation of students in various activities like quizzes, conferences, fests, competitive exams, other certification courses, paper presentation, cultural, extra-curricular and research competitions.

ADVANCED LEARNERS ENCOURAGEMENT POLICY

They are encouraged to learn new technologies, develop

projects, internships, training programs & competitions, National and International Paper Presentations, online courses like NPTEL, MOOCs, certifications, GATE, GRE, TOEFL, IELTS etc. Self learning material are provided in the Library.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/147_EMuIwy_Ldo7ayDpVQtBOU6d0RBhVp/view?usp=sharing
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1388	78

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

1. EXPERIENTIAL LEARNING

Experimental learning is being practiced in the institution, By providing additional equipment in the laboratories like transmission line simulator to understand the performance of transmission line, 3D Printing, IOT Lab, Spectrum Analyzer etc.

By way of carrying out Mini Project and Major Project carrying out the Project works. It is mandatory for a PG Student to get his project work be published for award of the degree.

By way of Organizing Technical Fest SIZZLE is organized every year where the students from various other engineering colleges come and participate in Project Expos.

2. PARTICIPATIVE LEARNING

Active learning involves Brain storming, model making, presentations, essay writing, and simulations on technical content, use of technological tools like App development for course delivery or assessment, debugger tools, etc.

Collaborative Learning is implemented by organizing project expos that create a platform for the student to exhibit their practical skills.

Inquiry-based Learning involves beyond the classroom for investigation of open questions/problems, developing their critical thinking and increasing understanding levels by conducting review of research papers, surveys, etc.

3. PROBLEM BASED METHODOLOGY

Problem based methodology involves by doing Case Studies, Analysis, Reasoning and conducting Hackathons.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/1CwMbDYxUuuIKKePfMrLY6FlX2YZW-25X/view?usp=sharing

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

JNTUHUCEJ Teachers use ICT for effective teaching with Learning Management Systems, e-learning resources etc.

TECHNOLOGY ASSISTED LEARNING MANAGEMENT SYSTEM

All the classrooms are equipped with LCD projectors and 600+ internet enabled computers with 190 Mbps leased line connected through LAN and Wi-Fi. Department Seminar Halls are equipped with Audio-Visual interactive smart panel boards each worth of about Rs.2.5 Lac. The institution also has a media center for recording the videos of faculty delivered lectures.

INTERNET SUPPORTED LEARNING SYSTEM

Content- based resources: Students and faculty can access a vast supply of educational resources like NPTEL-SWAYAM, Blogs, and SPOKEN TUTORIAL by IIT, Bombay, 24/7 Computer Center and Digital Library to search for the various e-books and journals.

Interactive Instructional Courseware: Self learning materials e.g. Google Class Room, Video Lectures, course material are made available to students through college website.

Learning Management Systems:

The Faculty utilizes electronic resource packages like DELNET, NPTEL, Coursera, Digital Library and Audio Visual aids to demonstrate the concepts. Students access digital form of previous year question papers and syllabus. Library book tracking software - OPAC (Online Public Access Catalogue)

Online Training for Placements: The FACE Academy, Hyderabad provides online guidance for training in Aptitude, Technical and Personal competencies.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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**

52

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

78

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

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

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

32

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

78

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

2.5 - Evaluation Process and Reforms

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

TRANSPARENT INITIATIVES AT INSTITUTE LEVEL

Examination Branch prepares the time table for IATs and circulates to all the departments. The rubrics for the evaluation of IATs are displayed on the notice boards for student reference. The CIE exam question paper is prepared based on course outcomes and Bloom's Taxonomy as per the OBE Process. The valued scripts are duly given to students for their verification and any discrepancy in the valuation shall be brought to the faculty by the student immediately. The CIE Marks awarded for laboratory experiments are assessed on daily basis. 2% of total valued scripts are verified by the Head of the Department and the principal. The subject teacher briefs the students about their attendance and performance in the internal examinations. Continuous assessment report for all the courses is displayed in respective department notice board. At the end of each semester, The Principal verifies the CIE marks of all the students. CIE marks are conveyed to parents after the display, through SMS and counselors. All the records and data bank of attendance in internal Examinations, Question papers, valued answer sheets/copies, summary of marks sheets, are properly maintained by the teachers for academic monitoring/ audit.

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

POLICY OF INTERNAL EXAMINATION GRIEVANCES SYSTEM

Grievances related to CIE

The institution takes steps to ensure that the mechanism for examination related grievance redresses in both levels of its operation is transparent, prompt, time-bound, robust and efficient. Assessment takes place twice in semester in the form of MID-I and MID-II examinations. Answer scripts are evaluated within 2 to 3 days, the results are discussed in the class room for verification and marks are displayed in the department notice board. If the student has any grievances like awarding less mark, papers not evaluated properly, counting mistakes and attendance of the students are verified by the respective subject teachers. If he/she is not satisfied, the issue may be represented to the vice-principal through the HOD concerned for redressing. 2% of total valued scripts are verified by the Head of the Department and the principal. The grievances during the conduct of online and theory examinations shall be attended by the principal and vice-principal, forwarded to the university if required. Parents are also provided an opportunity to voice their opinions about examination grievances, related to their wards in parent-teacher meetings. The JNTUHUCEJ students can submit their grievances through college website also.

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.

The college has framed Vision and Mission and SWOT analysis. For achieving vision and mission, the college has adapted Outcome Based Education (OBE) as per the guidelines laid by approving and accreditation authorities. In line with OBE, PSOs, POs and COs are evolved. Course Outcomes (COs) for each course are well defined by the departments as well as by the

university using Bloom's Taxonomy while designing the curriculum and the same is published in the syllabus book of each program.

Awareness of Outcomes to the Faculty and Students:

At the beginning of the academic year all the faculty members prepare the course files and laboratory manuals. PO Statements are made available in the course files and also in the course preamble.

First year students and their parents are made aware of POs and PEOs during the induction program.

Awareness of Outcomes to the other stake holders:

The Vision and mission Statements along with PEO's are disseminated (Internal and External Stake Holders) at:

- Department Meeting,
- Alumni meeting,
- Workshops,
- Seminars,
- Faculty development Programs,
- Parent meetings,
- Fresher's orientation,
- College Website,
- Departments notice boards.

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.

Process of Evaluating Programme outcomes:

The program outcomes, program specific outcomes and course outcomes are measured and mapped from the performance of the

students' internal assessment, assignments and University examinations. The attainment level measures are based on the average marks obtained by the students. The course outcomes attainment is evaluated after the completion of each course based on internal assessment, assignments and University examination and the performance of the students is considered for analysis and attainment measures.

Tools for calculating Program Outcomes and Program Specific Outcomes:

The following tools are used for assessment of program outcomes

i) Direct assessment: The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program coordinator.

ii) Indirect assessment: The feedback is collected through an on-line survey from the students at the end of program (Program Exit Survey).

The overall PO & PSO attainments are calculated by considering 70% of direct attainment and 30% of indirect attainment through surveys.

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

326

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

2.7 - Student Satisfaction Survey

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

https://jntuhcej.ac.in/student_feedback

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	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

27

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	No File Uploaded
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

Research and Development (R&D) Centre

The institution has created space in Academic Block-1 to establish a R&D Centre. As the majority of students reside in hostels, the R&D Centre is quite helpful for them to work on their research ideas.

Human Resources

About 75% of regular faculty are Ph.D. holders and 95% of them are recognized as research guides by the various universities including JNTUH, conducting research programmes for the scholars working under them.

Infrastructural Facilities

To create innovative ecosystem within the campus, the departments have procured various equipment in addition to the equipment required as per the curriculum.

Research Publications

The faculty have as many as 59 publications of International repute in various conferences and Journals during the last Academic year.

Transfer of Knowledge-Project Expos: students are encouraged to exhibit their technical skills during the project expos.

Transfer of Knowledge- Conducting Hackathons

The J-Hub hosts hackathons to inspire students to innovate and give them a stage on which to share their concepts.

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

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

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

3

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

3.3 - Research Publications and Awards

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

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

5

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

44

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

15

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

Impact of organizing extension activities in the neighborhood

This section describes various activities organized by the institution in the neighborhood community.

NSS Activities:

The college administration has recognizes the social duty as one of the real needs to follow upon, which influences the students to learn great esteems and obligations required for good citizenship, service orientation and holistic development. Earmarked Funds are released by the University periodically.

Some of the Activities are:

- The NSS Unit along with social organizations conducts health check-up camps for surrounding villagers ,Eye Screening, Dental check-up camps for Students of the college. The Unit organized Road safety awareness programs on wearing helmet, seatbelts, drunk and drive, minor driving, following safety rules etc in association with Road Transport Authorities (RTA) and Police department.
- Organized community development programs in villages and Blood donation camps are conducted every year in association with charity organizations such as Red Cross and Lions Club.
- The Swatch Bharath activity, effective utilization of water resources, Plantation, etc programs are conducted in surrounding villages.

Voice4 Girls:

The institution has a MOU with VOICE 4 GIRLS, a non profitable organization, students works in association with the organization in educating socially and economically disadvantaged adolescent girls.

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

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

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

3

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

3.4.3 - 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

12

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

1020

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

2

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

2

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The campus is situated in 100 acres land in a clean and green environment.

The institute has one administrative block and two separate academic blocks. It has four hostels and two staff quarters.

About 1200 students and 30 staff families reside in campus. It has dispensary with 10 beds, SBI bank with ATM, Transportation bus, Ambulance and other vehicles.

Male and Female MD Physicians are working for medical requirements of the students.

Class rooms and Drawing Halls are spacious, well-ventilated with natural light and adequate electrical facilities. Ergonomically designed furniture, teaching aids like LCD are used in TLP. Each classroom has a podium, a Desktop computer with internet connectivity for delivery of the lecture material.

A 24/7 Computer Center with 35 nos. i5 Computers with Internet access is available for the benefit of students.

The college has laboratories as per the regulations of AICTE and JNTUH, with fully equipped laboratories. Department seminar halls are provided for every department with seating

capacity of 60. College has a 300 seating Auditorium and Open-Air auditorium to organize co-curricular and cultural events.

CC Cameras are installed.

Institution has 600+ computers for labs and installed with adequate software.

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

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

The institution has adequate facilities to promote extra-curricular activities like cultural events, sports, games, gymnasium and Yoga.

Cultural Activities:

Bathukamma, the floral festival is celebrated every year in JNTUHCEJ with a great joy and josh by the colorful girl students in the campus. The day has been observed as festival that represents village tradition, culture & heritage of Telangana State. The National Festivals such as Independence Day, Republic Day, Ambedkar Jayanthi, Jagjeevanram Jayanthi, Voters Day, Youth festival, Pre-Christmas etc.

The Institution celebrates Fresher's day, Induction program, Department Technical Fests, Sports day and Annual day (Sizzles) and farewell every year.

Sports, Games (Indoor/outdoor):

JNTUHCEJ has adequate facilities for various sports and games including Cricket, Volley ball, Basket ball, Shuttle Badminton, Throw ball, Kabaddi, Table Tennis, Carroms, Chess etc., College will host various zonal events like Inter College Sports Fest, Sports Meet, and Indoor Games Competitions etc.

Well equipped gymnasium is available within the campus for

students as well as for faculty.

Yoga & Meditation:

JNTUHCEJ organizes physical exercise and yoga sessions as a mandatory course for all the students and faculty members.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1DPuTMPK6DR7SgIA9ZilLoVLb-c9vH_Ot/view?usp=sharing

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

30

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/188_RmQhoS3ee6ZpTBYzEGrFOKmC60mvF/view?usp=sharing
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)

284.24

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

4.2 - Library as a Learning Resource

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

JNTUH UCEJ Library Management Software:

JNTUH UCEJ Central Library is using NewGenLib software Version 3.3 library automation software (Fully automated). This software is being used since 2010. The following functional modules are included in the NewGenLib.

- Acquisition
- Technical Processing (Cataloguing)
- Circulation
- Serials Management
- Web OPAC (Online Public Access Cataloguing)
- Administration and Other Utilities such as verifications, stocks etc.

The application consists of the following features including:

1. Supports multi-user and multiple security levels.
2. Affordability: Uses all open source and free components.
3. Platform independent: Runs on Windows and Linux.
4. Supports Barcode printing and ID card printing.
5. Uses Barcode Technology for issue and return of books.

6. Entry of New Books.**7. Maintenance of Journals & Magazines.**

8. Android app available to access library catalogue on mobile phones.

All the books are bar-coded in the library & barcode laser scanners are used in the circulation counter for book transaction to avoid misuse.

Facility:

About 25 desktops are exclusively dedicated to the student access during the library hours and 4 desktops for staff with internet facility of 150 Mbps from BSNL (shared)

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

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

A. Any 4 or more of the above

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

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

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

81.92

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

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

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

186

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

Computer Maintenance Office:

The institution frequently reviews the IT infrastructure and procures as per the requirements following University procedures. Software and hardware are maintained and upgraded at regular intervals with well qualified lab technicians/system administrators.

1. Computers and Servers, Printers / Scanners, Copiers, and LCD Projectors:

The College is equipped with 12 Computer labs having a total of about 700 Desktop computers, 40Printers/ Scanners, 02 Copiers and 5 Servers with latest configuration hardware and software. All computer labs have UPS power backup and Generator backup.

2. LAN, Wi-Fi and Internet connectivity:

The College is having a high-speed internet leased line (ILL) connection of about 150 Mbps bandwidth and are connected in laboratories and classrooms with optical fiber cable, necessary ethernet switches and routers. Wi-Fi access is available across the campus and staff/students.

3. Computer Software:

JNTUH CEJ encourages the use of both licensed and freely available open-source application software which is available for teaching, learning and research activities. Various softwares like MATLAB, EMTP software, ANSYS software, Multisim Circuit simulation are available.

4. Aadhaar Enabled Biometric Attendance System:

A Total of 6 aadhaar enabled biometric attendance devices are available for registering the attendance for students and faculty.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1YYQU2EKQ0fpRLc8sV_0sCPQbiWqURArr/view?usp=sharing

4.3.2 - Number of Computers

720

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

174.96

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

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

Routine Maintenance- House Keeping Contractor:

- The university provides House Keeping Contractor through tender process.
- Under the supervision of Executive Engineering (EE) - Engineering Department, the House keeping contractor deploys Labor for material upkeep. Institution has full time employees like plumbers, sweepers, gardeners, carpenters, painters, etc.

The Engineering Department attends the maintenance of the following maintenance works.

1. Painting
2. Water Supply
3. Plumbing works
4. Water heater and Cooler maintenance

The following special initiatives were taken to improve the physical ambience of the campus:

- New Green Lawns areas developed near Library, Hostels and Departments.
- Trees were planted all over the campus.
- RO water plant installed.

Electrical Maintenance Officer (EMO): For supervision of Electrical maintenance and preventive works. Electricians are available 24X7 and does the following works.

1. Maintenance of all the electrical operated Lab equipment
2. UPS Maintenance
3. Solar Light Maintenance
4. Water heater/cooler maintenance
5. 24 Solar Light Systems erected along the campus roads.
6. LED Lamps.

Vehicle Maintenance Officer-VMO: For supervision of vehicle Maintenance.

Furniture Maintenance Officer-FMO: To look after furniture requirements and repairs.

Sports Complex: Qualified Physical Director look after the sports requirements and maintenance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1HVtkZ5Xm3ZsbQje6pVZWY9VZQbFRtcBf/view?usp=sharing

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**

1093

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**

63

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

D. 1 of the above

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

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

0

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

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

E. None of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

53

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
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

18

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

47

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.

3

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

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

The institution believes the participation of students in

various committees to inculcate the leadership, decision making qualities to develop institution. They are:

- Grievance and Redressal/College Internal Complaint
 - As per the directions of AICTE, institution provides Grievance Redressal Portal to address grievances raised by students/Teachers/Non-Teaching staff.
- Anti-Ragging
 - As per the guidelines of AICTE and University, this committee looks in matters of ragging within and around college.
- Women Grievances Redressal
 - It acts on gender sensitization, violence against women and legal provisions.
- J-Cell
 - Here, students actively involved, through brain storming sessions to achieve outcomes.
- Library
 - Here, students recommend books and journals which are essential for academics.
- Hostel
 - Here, Students ensures hostel cleanliness, health, hygiene and to redress their grievances.
- Games and Sports (GSC)
 - Students actively involved are responsible for Intra and Inter collegiate sports.
- NSS
 - It has many student volunteers, who provide service oriented activities in and around campus.
- Alumni Cell
 - It helps to improve student interaction and relation. To enterprise, inspire and mentoring by Alumni.
- Other Committees: It encourages student participation in committees like Orientation Annual Day, Canteen and Student Activity center.

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

620

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

5.4 - Alumni Engagement

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

JNTUHCEJ has its registered alumni association aims to link the alumni to the institution to the pursue students for guidance, direct and indirect help to administration and foster a spirit of loyalty.

JNTUH College of Engineering Alumni Association (JNTUHCEJAA) is instrumental in developing plans to support the institution and achieve its VISION and to add value to stakeholders.

Its objective is to enroll alumni as members to facilitate

active participation of alumnae in college events and initiatives. Alumni coordinator gets information of the availability to interact with the students.

"RECONNECT" are conducted every year, to discuss the current industry scenario.

Alumni Member for Counseling Services (AMCS) System, is used in academic and non academic matters to achieve their goals and aims at addressing deficiencies in attitude and knowledge of students. It involves:

- **Curriculum Enrichment:** It involves providing feedback on OBE Process, POs attainment and curriculum.
- **Interactive Sessions:** It helps in holding interactive sessions to students about opportunities abroad.
- **Industry Connect:** It helps in educating students regarding employment opportunities in Industry.
- **Counseling:** It involves voluntary programs like career counseling in areas of expertise.
- **Generosity:** Alumni of various departments have donated text books for library.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute

The aspiration is to emerge as a premier institution in producing professional and competent engineers capable of making valuable contributions in Engineering and Technology.

Vision of the EEE Department

The aspiration to produce competent electrical engineers in the field of Electrical and Electronics Engineering who can be capable of providing valuable contributions to power and other electrical sectors.

Vision of the ME Department

To generate excellent technocrats in the mechanical engineering who can contribute fruitfully to the technological and socio-economic development of the nation

Vision of the ECE Department

To develop the Department into a Centre of excellence for providing quality education to student and to make significant research contribution to the Electronics and Communication Engineering fraternity.

Vision of the CSE Department

The aspiration is to provide innovative centric professional education in Computer Science and Engineering.

Vision of the IT Department

The aspiration is to produce globally competent professionals capable of making valuable contribution to the society in the field of Information Technology.

Mission of the Institute

The aspirations shall continue to fulfill:

M1: With the support of diligent, assiduous, industrious and highly qualified faculty.

M2: With state-of art facilities for knowledge enrichment of students.

M3: Guiding and training students in conjunction with needs

of industry.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UNryd9zd1GcSBwWhMd5nrNbmRt1m9wdd/view?usp=sharing
Upload any additional information	No File Uploaded

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

Opportunities

The delegation of powers is prescribed by the university which is mandatorily had to be followed by Institution governance. However, the institutional decentralization and participative management is commendable in respect of achieving outcomes.

Role of parent university:

- Budget.
- Infrastructure.
- Regular Staff.

Role of Principal:

- Quality Policy- Planning, Deployment and Monitoring.
- Administration of Teaching and Learning.
- Following IQAC suggestions for improvements.
- Maintaining Discipline.
- Resolving Grievances.
- Attending university meetings and arranging college meetings.
- All the works assigned by University Management.

Role of Vice-Principal:

- Class work
- Examinations.
- All the works assigned by Principal.

Role of Head of the Department:

- Execution of Principal Instructions at Department level.
- Monitoring Class Work, Feedback Collection and action plans.
- Organizing Meetings.
- Workload Distribution.
- Planning the Infrastructure requirements.

Role of Assistant Registrars:

- Assisting Principal in administration.
- Office Management.
- Human Resource Deployment.
- Budget Preparation.

Role of Executive Engineer:

- Maintenance of Buildings
- Infrastructural augmentation.

Participative Management:

1. Electrical Maintenance Officer.
2. Computer Maintenance Officer.
3. Vehicle Maintenance Officer.
4. Furniture Maintenance Officer.
5. Hostel Manager&Deputy Wardens.
6. Medical Officers.
7. Officer In charge Examinations
8. Training and Placement Officer.
9. IQAC Coordinator.
10. Alumni Coordinator.

Committees for welfare of students:

1. Disciplinary.
2. Anti Ragging.
3. Sports & Cultural.
4. R&D committee.
5. Women empowerment.
6. Minority Grievance.
7. SC &ST Cell.
8. NSS.
9. Transport.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xn2rRWgyG85jgAsox1xSVFlHwo3CbR8P/view?usp=sharing
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan ensures that the vision, mission and objectives of the college to achieve by the process of plan, review, evaluation, reporting and re-planning.

Strategic Plan 2016-2022

What

The institution to be recognized as Autonomous institution.

Why

Meet Objectives of Regulatory Authorities, Outcome based Education, Industry Oriented Curriculum.

How

- NIRF Ranking below 100
- Improve Internal Support Systems
- Enhance engagement with Industry
- Enhance Alumni engagement

Enablers

- Governance
- Faculty and Staff
- Students
- Alumni
- Infrastructure

Core activities

- Developing Employable HR
- Nurturing Creativity and Innovation
- State of Art Infrastructure
- Service to Society
- Helping unemployed youth in society.

Strategic Plan identifies the following broad targets:

Sl. No

Strategic Plan

Sub Plans

Status

1

Enhance engagement with society

NSS, other Social activities and contributions

Deployed

2

Diverse Student learning environment

ICT based TL, Value added, Skill development center.

Deployed

3

Improve internal support systems

ERP, LMS, effective implementation

Deployed

4

Enhance alumni engagement

Registered alumni association, Alumni meetings, alumni involvement

Partially Deployed

5

Develop a cleaner and greener environment

Solar, LED, Waste Management, Green landscaping

Deployed

6

Academic Autonomy

Regular Faculty recruitment

Partially Deployed

7

Industry-Institute Interaction

MOUs with industry

Partially Deployed

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1E13asx2znnvEca97zYy2hYfZfjHDoTVCF/view?usp=sharing
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.

Processes and Procedures for implementation of Quality Issues:

Sl. No

Description

Administrative Setup

Policy

Process

Procedure

1

Recruitment of Regular Faculty & Service Rules

As per University Rules

As stipulated by the State Government

2

Recruitment of Contract Faculty

Institution committee

University Guidelines

Written Test and Demo Performance is considered

Vacancies notified in the News Papers

3

Renewal of Contract Faculty Services

Institution committee

University Guidelines

Based on Demo Interview

Minimum of 50 % is cutoff

4

Institutional Policy-making

IQAC

To review quality in all the academic matters

Stakeholders Feedback, Result Analysis, Attainment of outcome, Placements, Training etc.

By IQAC meetings

5

Purchases above Rs.1 Lakh

Committee for Prospective Planning

Procurement policy is to finalize in a meeting comprising of Executive council

Organizes UCPP meetings in university for EC approval

University calls the bidders.

6

Purchases below Rs.1 Lakh

Non-Statutory purchase committee

Procurement policy is to finalize with concerned committee

Organizes purchase committee meetings

Purchase orders on quotation basis.

7

Outsourcing /Housekeeping/Security

University Committee Directorate of BICARD

Policy is to finalize with concerned committee

Call for global tenders.

University finalizes the contractor.

8

Grievances

Institutional committees

To help stakeholders record their complaints.

Online / offline mechanism

Grievances committee resolves

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1VmIlpgZpQMndJrZrj0KsGFqHf7oZxPxx/view?usp=sharing
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation Administration
Finance and Accounts Student Admission
and Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	View File
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

MONETARY WELFARE SCHEMES

1. Employees recruited before Sep'2004:
2. Pensioner Benefits.
3. GSLIC Contribution scheme.
4. General Provident Fund Facility
5. Medical Reimbursement Rs.3500/- per anum and Hospital Charges up to Rs.2.0 Lakhs
6. UGC unassigned grants for paper presentation in India Rs.10,000/-and Abroad Registration Fee+ Travel Grant + DA (As per UGC norms).
7. EL encashment for 15 days per year for Non-Teaching staff.
8. Short Term for Non-Teaching Staff only: Festival Advance,Educational Reimbursement.
9. Long Term: House Building, Purchase of different provision.
10. Increments and implementation of RPS.
11. Dearness Allowances.

Employees recruited after Sep'2004:

1. LIC Contributory Pension Scheme
2. UGC unassigned grants for paper presentation in India Rs.10,000/-
3. UGC unassigned grants for paper presentation in Abroad

Registration Fee+ Travel Grant + DA (As per UGC norms).

4. Long Term Advances: House Building , Purchase of different provision.
5. Increments and implementation of RPS.
6. Dearness Allowances.

Outsourcing Staff:

ESI /EPF Contributions.

NON- MONETARY WELFARE SCHEMES

Leaves:

Study Leave ,Maternity leave, Paternity Leave ,Child Care Leave,Medical Leave,Summer vacation ,Casual+ Special Casual leave ,Optional Holidays , Academic Leave,Attending RC/OC/FDPs ,On duty Leave as per UGC Service rules.

Other Welfare Measures:

1. Free Wi-Fi
2. Personal Computer for each faculty
3. Purified Drinking Water.
4. Health Centre
5. Three and Two Bed Room Quarter Accommodation.

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

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

0

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

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

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

37

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

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

Teaching Staff Performance Indicators:

S. No.

Performance Indicator (PI)

1

Result Analysis

2

Student's Feedback

3

Conferences / Workshops attended

4

Number of publications/papers

5

Contribution to the college

6

Contribution to the department

7

Project Guided etc.

8

Number of leaves Utilized

9

Punctuality & Adaptability

Non- Teaching Staff Performance Indicators:

- Punctuality and adaptability
- Administrative Contributions
- Skills and knowledge in DTP Software

Objective of evaluating Performance Indicators

These are the parameters that are helping the JNTUHUCEJ administration to evaluate the teaching and Non-Teaching performance.

In case of full time faculty for award of extending contract period for next AY.

The outcome of the review of the SAR is also communicated to the staff through oral communication and by the way of granting of the increments.

Procedure

Faculty is asked to submit the Self Appraisal Report by duly filling the prescribed form to the Principal along with supporting documents if any. The performance report of every staff is assessed by HOD, IQAC-C and Principal.

The actions taken will be presented by IQAC-C in the immediate next IQAC meeting for the note of the members and for receiving and constructive suggestions for continuous improvement.

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

6.4 - Financial Management and Resource Mobilization

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

INTERNAL AND EXTERNAL AUDIT

- Financial Planning and resource management is the foresights of the institution in strategize its growth and development.
- Income and expenditures of the institution every year is done through Internal Audit and the External Audit.
- At the end of every financial year, after completion of internal audit the external or post audit conducts.
- The outcome of internal audit is, the audit review, and monitor the expenditure as per Budget Estimates.
- The external audit reviews the physical target achieved by the University. As a result of this, any excess or kind of irregularities occurred can be brought to the notice of officials.

AUDIT PROCEDURE

1. Each voucher is verified for its correctness by way of verifying the sub-vouchers.
2. Receipt (Income)/ Expenditure entries are verified in all the cash books.
3. Cash book entries are reconciled with the Bank statements both Receipts and Expenditures.
4. Finally, the audit party prepares Receipt-Expenditure statement and submits to the Principal and a copy to registrar
5. The Principal is responsible to give proper clarifications for all those objections and to see that they have been dropped.

At the completion of every financial year, the accounts are well audited by the Audit Officers.

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

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

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

0

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

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

The JNTUHUCEJ budget is prepared by the Principal every year taking in to consideration of both recurring and Non-Recurring expenditures.

The Major Receipts (Income Sources) of the Institution:

Financial Year

Budget allocated in Rs.

Expenditure in Rs.

Remarks about Budget allocated

2023-24

30,80,56,000.00

11,92,77,420.50

ADEQUATE

The Major Expenditures :

- Salary and wages payments
- Laboratory and building infrastructure
- Purchasing of Library books, subscription of journals
- Construction of new buildings Establishment of new labs.
- Organizing events in the college such as Industrial visits, workshops, hands on training, national level events such as Tech-Fests, sports day etc.
- Up gradation of laboratories.

Strategies for Optimal utilization of funds:

- For effective teaching-learning practices that include conduction of orientation programs, workshops, inter-disciplinary activities, training programs that ensure quality education.
- For development and maintenance of infrastructure.
- For social service activities as a part of social responsibility.
- For Purchase of educational technology aids.
- For Green Campus and amnesties.
- For in-house security measures.
- For R&D activities.
- For conducting college functions, alumni and parent-teacher meetings.
- For meeting various expenditures under different heads such as: R&D,T&P, Software, Computers, ICT, Library Books/Journals/e-subscriptions, Equipment 7 Consumables, Furniture & Fixtures, NSS, Examinations, Industrial Tours etc.

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

IQAC has initiated twopractices as follows

- 1. Establishment of Coding Lab: For enhancing coding skills of Non-Computer Science students for benefit of employability.**

2. Support to Girl Students and Women Employees:

IQAC initiative to provide Sanitary Napkin Incinerators:Napkin destroyers were used to convert them into a sterile ash.

Outcome: Promotion for hygiene environment

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

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

The IQAC of the JNTUHUCEJ has brought the following reforms in the Teaching-Learning Process:

Planning and Monitoring Quality of Teaching-Learning Process

The faculty are allotted to the courses based on experience, feedback and preferences.

- Faculty prepares class Time Tables, Teaching Plan, , COs, CO-PO/PSO mapping , lesson plan and Teaching**

Diary, review all these by HOD periodically.

IQAC Review Strategies:

Following review parameters are taken into the consideration as per IQAC quality issues mentioned in the section 6.5.1 for effective teaching-learning process

Review Parameter

Frequency

Students

Academics

Once in a semester

Once in a year

Staff

Academics

Once in a semester

Once in a year

Academic

Facilities

Once in a semester

Once in a year

Audit

Issues

Once in a semester

Once in a year

Governance

Issues

Once in a semester

Once in a year

In few cases, solutions are provided directly by Mentor/HOD/Vice-Principal or by Principal directly for necessary action in handling various activities such as disciplinary, Academic & non-academic grievances with help their respective coordinators.

In addition, IQAC coordinator plays a major role to monitoring and functioning the entire system for constructive development of the institution.

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)

C. Any 2 of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

JNTUHUCEJ has a large number of girl students that amounts to around 50% of the total strength with a good number of women are working in the institution. .

Initiatives to promote GENDER EQUITY:

- The college has established a grievance and redressal cell working under the guidance of senior lady faculty.
- Anti-Ragging help line numbers are displayed at all vulnerable points.
- In-house hostel facility for girls in campus with single entry, 24/7 Security, CC TV surveillance, solar Fencing and in house care takers.
- Lady security is deployed in hostels.
- Stringent disciplinary actions are taken against in-disciplinary activities.
- Napkin Vending and incinerators are provided in rest rooms with better hygienic conditions
- 24/7 ambulance service with well facilitated health center
- Gyms, Sports, yoga and games facilities are provided.
- Girl students are encouraged with training programs for their personal growth.

- Students are actively involved in social service activities. With the cooperation of Voice 4 Girls, and encouraged to educate rural girls.

File Description	Documents
Annual gender sensitization action plan	Nil
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://drive.google.com/file/d/1fjU9S5Zy8_mSiawYSvy0vr1Tf_aDF9vu/view?usp=sharing

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

B. Any 3 of the above

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

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

JNTUHCEJ is functioning in a clean and green environment surrounded by hills. The college administration believes strongly in maintaining hygienic conditions in the campus by providing a clean environment to the residents.

The bio-degradable waste collected are plant remaining, paper waste and non-biodegradable are plastic waste.

Solid& Liquid waste management:

JNTUHUCEJ is primarily involved in segregating and collecting waste through the use of dust bins and large containers which

is collected by agencies for further processing.

The institution follows paper reuse by utilizing single sided used papers for writing/printing. Dry leaves, plant clippings, papers and paper cups/plates and other bio-degradable materials are segregated and put in compost pits for decomposing. Non-biodegradable waste is sold to scrap vendors on a regular basis. The institution provides dustbins at common places like corridors, which are cleaned regularly.

Institute educates the students regarding rain water harvesting and takes up activities related to saving water campaigns.

Hazardous chemicals and radioactive waste management

Hazardous chemicals like acids are used in the Chemistry laboratory. These acids are neutralized before disposing them off. The lab assistant handling the hazardous chemicals is given personal protection equipment.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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	No File Uploaded

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	B. Any 3 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	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	C. Any 2 of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
7.1.7 - The Institution has disabled-friendly, barrier free environment Built	B. Any 3 of the above

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

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

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

JNTUH UCEJ can be regarded as a cosmopolitan kind of institution as many students with diversified background based on regional, linguistic, communal and socioeconomic students are pursuing their studies. Students from neighboring states as well as from Jammu & Kashmir are studying in the college.

Inculcating tolerance and harmony amongst students about the diversities

JNTUH UCEJ understands the importance of inculcating tolerance and harmony among students to cope up and live with others with diversified backgrounds. The institution takes much efforts and interest to empower education on moral and ethical values. Institute always focuses on a peaceful, healthy and comfortable campus for all the students. By

conducting such events, the students gain experience and cultivate social responsibility and inculcate the interpersonal and intrapersonal skills through participation. The College fosters academic and career success through the development of critical thinking, effective communication, creativity and cultural awareness in a safe, accessible and affordable learning environment.

Efforts/Initiatives taken:

- Tolerance and harmony towards cultural, regional, linguistic- Attitude-Family Culture
- Socioeconomic Diversity-Justice to innocents-Unity in diversity
- Promotion of National Integrity-Celebration of National Festivals-Patriotic Culture
- Communal Diversities-Celebration of Ritual Festivals-Promotion of Integrity

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

JNTUH UCEJ is putting all its efforts to make everyone feel responsible to the Nation.

Values: Inculcate every one with a respect to Indian Culture

The institution is putting the best of its efforts to eliminate the ill effects of advancements in the technology such as misusing of mobile phones in the following aspects.

- How mobile phone is curbing the Indian culture and values
- How not internet be used

- Relations with fellow-beings, parents, teachers and seniors

The institution organizes festivals like Bathukamma, Sankranthi, Ramzan, X-mas

Rights: Inculcate every one with a respect to know the rights as an Indian

College encourages students and staff participation in various awareness programs on fundamental rights

Duties: Inculcate everyone to discharge the duties properly

Principal, staff and students have helped the district administration in organizing the General Elections.

- Covid-19 awareness & Save Environment programs

Responsibilities: Inculcate everyone to feel responsible to the Nation and its growth

NSS unit is promoting digital literacy, Swatch Bharath, No-Plastic, paying tax, save water, blood donation, eye camp and so forth for the benefit of the surrounding villagers.

Following subjects are included in curriculum

- Constitution of India
- Professional Ethics
- Intellectual Property Rights

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/17Xs3WtckBzkm2EruKUEEvSvnhi63wu-V/view?usp=sharing
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

D. Any 1 of the above

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

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

The institution celebrates International commemorative days like;

- International Yoga day,
- Women's day,

National commemorative days like:

- Teachers day,
- Independence day,
- Republic day,
- Voters day
- Gandhi Jayanthi,
- Ambedkar Jayanti,

Other Celebrations:

Renowned Yoga professionals are invited on the occasion of International Yoga Day celebration. A session of basic yoga is taught to the students and staff.

Every year the institution celebrates International Women's Day with a theme like-Women empowerment, women in industries, work-life balance, balance for the better, etc..

Eco-friendly Ganesh idols are distributed by the students to create awareness to the public on environmental issues every year on Vinayaka Chaturthi. Various festivals like Sankranthi, Deepavali, Bathakamma, pre Christmas are also celebrated in the campus. Altogether, JNTUHCEJ is a symbol of social values, culture, ethics and education.

Cultural fest named SIZZLES is organized by the students with great vigor. The students and staff attend these fests with great enthusiasm.

In campus welcome for freshers, farewell to final year students, annual day cultural fest, technical fest are also organized by the college which enhance the ethics and morals of the students.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	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.

1. Alumni Member for Counseling Services (AMCS)

Alumni Member for Counseling Services (AMCS) students are advised in academic and non academic matters and also in personal domain. This helps them to achieve their goals in life. This scheme aims at addressing the deficiencies in attitude, habits and knowledge of the students.

AMCS members are divided into four groups:

1. IT Sector Group

2. Government Sector Group.
3. Higher Education Group.
4. Entrepreneurs Group.

2. Enhancement of Employability Skills.

- To train the students to achieve their Goals (Placements/ Higher Education/ Entrepreneurs)
- To enhance the employability opportunities by strengthening the Coding, Aptitude, Communication skills, Personality Development etc.
- To make the students ready to face the competitive exams.
- To create zeal among the students to settle as entrepreneurs.

.3. Online Student Feedback System

Every student is supplied with online feedback forms. Student is required to fill his opinions in the form of grading for a maximum scale of 5 (Excellent) to 0 (very poor). The online feedback system is developed in such a manner; more value is given for the student vote who recorded attendance 90% and above.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	https://drive.google.com/file/d/1E-8MoPiQBpD4CFz_Zo5ti9halbH14Zva/view?usp=sharing

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 institution's distinctiveness can be identified from these following aspects:

1. Availability of Principal, Faculty and Staff in the Campus for 24/7.
2. Availability of Authors of the Text Books (recommended by University) as Faculty.

3. Availability of Highly experienced and highly Qualified Faculty.
4. Availability of Huge number of Research guiding Faculty.
5. Availability of spacious well ventilated class rooms with ICT facilities.
6. Availability of laboratories with state of art equipment.
7. Availability of Green and pollution free environment.
8. Availability of Anti-ragging free environment.
9. Availability Laboratories, Library and ICT facilities for 24/7.
10. Availability of Security personnel & e-surveillance by CC cameras for 24/7.
11. Availability of Uninterrupted power supply and solar street lights.
12. Availability of Medical Facilities for 24/7
13. Availability Pure RO Drinking water system.
14. Availability of Facilities for student extra and co-curricular activities.
15. Availability of Open Auditorium and Auditorium
16. Availability Seminar Halls
17. Availability Transport Facilities
18. Availability of Strong Alumni Network.
19. Availability of Training and Placement Officer.

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

7.3.2 - Plan of action for the next academic year

Our institution, JNTUH UCEJ, is steadily growing and establishing a strong reputation for academic excellence. Over time, we have made significant strides in delivering quality education across five diverse branches. In line with the objectives of the National Education Policy (NEP) 2020, we aim to elevate academic standards and offer advanced qualifications.

We have registered with the Academic Bank of Credits (ABC) through the National Academic Depository (NAD) . Additionally, we are committed to fostering research and

innovation while continually improving our infrastructure to meet the evolving demands of education. Key initiatives for this year include upgrading our laboratories, introducing industry-oriented courses, and promoting collaborative research projects.

The institution encourages faculty members to actively engage in faculty development programs to stay current with the latest teaching methods and research trends. We are also introducing interdisciplinary courses to students with a broader, more integrated perspective on learning, enhancing their problem-solving and critical thinking skills.

As part of our sustainability efforts, we are working toward creating a plastic-free campus by promoting eco-friendly practices in institution for next coming years. Our institution is creating such an atmosphere that the students get attracted to participate in hackathon. Skillful participation of students in hackathon alluring some other curious students to come forward with innovative thoughts.