



## YEARLY STATUS REPORT - 2022-2023

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	JNTUH UNIVERSITY COLLEGE OF ENGINEERING JAGTIAL
• Name of the Head of the institution	Dr. V. KAMAKSHI PRASAD
• 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
<b>2.Institutional status</b>	
• Affiliated /Constituent	Constituent
• Type of Institution	Co-education
• Location	Rural

• Financial Status	UGC 2f and 12(B)				
• Name of the Affiliating University	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD				
• Name of the IQAC Coordinator	Dr. T.VENUGOPAL				
• Phone No.	9849170691				
• Alternate phone No.	6302503925				
• Mobile	9849170691				
• IQAC e-mail address	cej@jntuh.ac.in				
• Alternate Email address	principal@jntuhcej.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://jntuhcej.ac.in/aqar_reports">https://jntuhcej.ac.in/aqar_reports</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://jntuhcej.ac.in/academic_calendar">https://jntuhcej.ac.in/academic_calendar</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.29	2022	25/01/2022	24/01/2027
<b>6.Date of Establishment of IQAC</b>			14/08/2018		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
0	0	0	0	0	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Suggestions of IQAC: 1. Institution has applied for autonomous and got UGC autonomous Status. 2. Three departments have renewed NBA successfully. 3. Sports and other cultural activities are encouraged for the students. 4 Recommended to establish Coding Lab. 5. Recommended students to participate in Hackathons and exposure to different coding platforms.</p>		
<b>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</b>		
Plan of Action	Achievements/Outcomes	
Renewal of NBA Accreditation	Three departments got renewal by NBA	
Usage of ICT tools	Successfully used ICT tools effectively for delivering the lectures	
Applied for Autonomous	UGC Autonomous Status has been granted	
Establishment of Coding Lab	Proposal has been sent to the University	
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>		

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 National Education Policy, to provide high quality education to develop human resources in our nation as global citizens, is well taken by JNTUH UCEJ. A discussion among the faculty members were initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. In view of the NEP, online seminar on IMPLEMENTATION OF NEP was conducted on march 31 2021. Academic programmes are redesigned time to time which includes Multidisciplinary / Interdisciplinary courses as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered in other specializations. It is clearly understood that the affiliating University is proactively working towards implementation of the suggestions given in the NEP.

The motto of the National Educational Policy (NEP-2020) for higher education is to stop higher education fragmentation by transforming these institutions into massive interdisciplinary universities, colleges, and higher education institutions as Knowledge Hubs. The purpose of JNTUHUCEJ, according to NEP standards, is to be accredited by the National Assessment and Accreditation Council (NAAC) with a good grade and to strive for excellence in engineering education. our institution has a provision for three open electives- and six professional electives JNTUHUCEJ has adopted multiple entry/exit policy. Our Institution, as part of its commitment to holistic and multidisciplinary education, has conducted a course on Human values and Professional ethics as a part of academics and yoga sessions for all students on campus. Additionally, our students participate in community outreach initiatives such as organizing health awareness programs, on various diseases like viral diseases and AIDS, elocution competition on covid-19 has been conducted as well awareness on covid-19 activities were conducted in neighborhood

villages.

#### 16.Academic bank of credits (ABC):

Academic bank of credits a key component of the NEP-2020 that academic institutions must implement. Integrating Higher Educational Institutions in a globalised space is critical and urgent as we move forward. We have been implementing online courses through National schemes like SWAYAM, NPTEL, etc, for our students and considering for credits earned against elective courses.

The college has registered ABC in National Academic Depository portal with user ID: jntuhcej

#### 17.Skill development:

The extension of 12-addon programs along with curriculum is critical for hastening skill development. JNTUHUCEJ conducted personality development, interview skills with the support of TASK (Telangana Academy for Skill and Knowledge) and TAAP(Tata Affirmative Action Programme) for B.Tech students, as well as life-skills, as a part of skill development various activities dedicated to foster entrepreneurship in students are conducted. JHUB of parent University has adopted to bridge the gap between industries and academia works on latest technologies in boot camp. Hackathons on machine learning, IoT, robotics and various thrust areas are conducted. Our students won 2-gold medals, 4-silver medals and 6 bronze medals in regional level hackathon conducted by JNTUH.

To develop workplace-related skills and attitudes encouraged students to participated in internships through an NGO called "Voice4Girls".

We focused on inclusion of good practices and innovations in teaching- learning

Facilitating horizontal mobility of vocational students

We collaborate with industries for imparting practical skills and hands-on experience and design industry-relevant courses

We introduced new learning methods with ICT Tools and digital tools, like Massive Open Online Courses (MOOC) and flipped classroom for training and empowering teachers

We focused on developing and implementing a holistic assessment and evaluation system.

Our institution is planning for minor degree programme for multi-disciplinary knowledge favoring for enhancement of career options.

JNTUH UCEJ believes in giving equal dignity for people pursuing add-on courses and contribute in developing the work force of a country.

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

The promotion of Indian arts and culture is beneficial not only to the country but also to individuals.

The institution, on the other hand, commemorates significant dates and hosts activities in regional languages to instill a sense of regional pride. Republic Day and Independence Day, Ambedkar Jayanthi, Babu Jagjeevan Rao jayanthi, National unity day, college level youth festival are examples of celebrations where students are addressed in their native languages. Engineering day and Teacher's Day are two of the most important days of the year.

Women's Day is prominent day that are commemorated with cultural events. Sankranti Traditional Day - Rangoli competition, Durgapooja, Bathukamma festival, Pre-Christmas, are the note worthy festivals that promote the national integrity and awareness of Indian National and Regional languages, as well as the culture associated with them. In JNUHUCEJ all religious festivals and observations are given equal importance. National commemorative days, such as Constitution Day and Yoga Day, are also observed.

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

JNTUHUCEJ has adopted outcome-based education in accordance with the standards of the National Board of Accreditation with clearly stated Programme Outcomes, and course outcomes. All courses are designed with outcomes centered on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. The Course Outcomes (COs) are also aligned to the Program Outcomes (PO) philosophy. Various workshops are been organized on OBE, NAAC and NBA where all the students and faculty are part of it. All course syllabus has been designed by JNTUH university with due consideration to macro- economic and social needs at large so as to apply the spirit of NEP.

B.Tech. program of EEE, ME, CSE has been accredited by NBA & renewed for the period of 2022-23 to 2024-25 and is implementing OBE.

Community participation and service, environmental education, and value-based education are all part of an innovative curriculum that includes credit-based courses and projects. Lab experiments and mini projects with a focus on technology development are included in the curriculum. Professional Ethics & Human Values, Gender sensitization are value-based education courses that are introduced in the B.Tech program. Environmental Sciences is a course that looks at all areas of environmental sustainability. Thus, JNUHUCEJ has various community outreach initiatives such as Student welfare Committee, National Service Scheme (NSS) which caters extension activity to community.

## 20.Distance education/online education:

Students are encouraged to do MOOC courses.

JNTUH UCEJ has successfully imparted all its course content delivery in online mode during the Covid-19 pandemic with tools such as Zoom, and Google Meet, WebEx app etc.

Teaching faculty are encouraged to do NPTEL to improve quality of education.

## Extended Profile

### 1.Programme

1.1	690
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	1366
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	255
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	336
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	86
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	0
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	31
Total number of Classrooms and Seminar halls	
4.2	301.08
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	684
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	<a href="#">View File</a>
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	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in** A. All of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

287

File Description	Documents
Any additional information	<a href="#">View File</a>
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

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

R22-I-B.Tech

MC210

Environmental Science

R18-II-B.Tech

MC309

Gender Sensitization Lab

MC409

Constitution of India

R18-III-B.Tech

MC510

Intellectual Property Rights

MC609

Environmental Science

R22-M.Tech

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	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

428

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>
Institutional Data in Prescribed Format	No File Uploaded

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

656

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	No File Uploaded

#### 1.4 - Feedback System

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

**B. Any 3 of the above**

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	<a href="#">View File</a>

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

**C. Feedback collected and analyzed**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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**

**328**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

**291**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## **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	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1366	86

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Link for additional information	Nil

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

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	<a href="#">View File</a>
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**

61

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

<b>2.4 - Teacher Profile and Quality</b>	
<b>2.4.1 - Number of full time teachers against sanctioned posts during the year</b>	
86	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
<b>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)</b>	
<b>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</b>	
34	
File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>
<b>2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)</b>	
<b>2.4.3.1 - Total experience of full-time teachers</b>	
973	
File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>
<b>2.5 - Evaluation Process and Reforms</b>	

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/academic audit.

File Description	Documents
Any additional information	<a href="#">View File</a>
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 JNTUHCEJ students can submit their grievances through college website also.

File Description	Documents
Any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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	<a href="#">View File</a>
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

303

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)

[Nil](#)

### 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)	<a href="#">View File</a>

### 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

34

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

### 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)	<a href="#">View File</a>
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 68 publications of International repute in various conferences and Journals during the last two Academic years.

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

#### Department

Innovative projects exhibited in the project expos

#### IT

Voice Recognition

Broadcast Email sender

Brick Breaker Game

Market Basket Analysis

Music player

Key logger

Hotel management

**CSE**

Image forgery detection using Deep Learning

Human pose detection

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	<a href="#">View File</a>
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

2

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

0

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

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

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

68

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 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	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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	<a href="#">View File</a>

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
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**

**14**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**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**

**1169**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

7

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

9

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

**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.

About 170 CC Cameras are installed.

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Paste link for additional information	Nil

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

30

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)****301.08**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**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 3.2 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	<a href="#">View File</a>
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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

75.71

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

250

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

**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, 20 Printers/ 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, EMTD 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	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

684

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	No File Uploaded

#### 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)

169.59

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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	<a href="#">View File</a>
Paste link for additional information	Nil

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

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

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

606

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 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

21

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills  
Language and communication skills Life skills  
(Yoga, physical fitness, health and hygiene)  
ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>



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

482

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

482

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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**

96

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

28

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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

38

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

### 5.3 - Student Participation and Activities

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

4

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

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	<a href="#">View File</a>

### 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

930

File Description	Documents
Report of the event	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 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	<a href="#">View File</a>

**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

Nature of Governance is reflective: JNTUHUCEJ governance strictly adheres and functions as per the rules and regulations laid down by the regulatory bodies. Vision: "The aspiration is to emerge as a premier institution in technical education to produce competent engineers capable of making valuable contributions in Engineering and Technology" Mission: The aspirations are fulfilled and 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.

Efforts to fulfil the Vision&Mission Institution has produced Competent Engineers: Most of the alumni are positioned in various public and private sectors and became entrepreneurs. M1: The faculty of the institution are highly qualified and well research experience. M2: 1. he institution is trying to equip the laboratories with state-of-art facilities. M3: 1. has entered MOUs with number of industries to train them in conjunction with needs of industry. PERSPECTIVE PLAN OF THE INSTITUTION:

- New Mission and Vision is to be formulated
- The strategic plan for the college has to be prepared in line with OBE and NEP to become an autonomous institution.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1D6DF_T-wxTU BXVTqxhmtCR55BwIB4DbQ/view?usp=drive_link">https://drive.google.com/file/d/1D6DF_T-wxTU BXVTqxhmtCR55BwIB4DbQ/view?usp=drive_link</a>
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	Nil
Upload any additional information	<a href="#">View File</a>



## 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 recognised as Autonomous Institution Why Meet Objectives of Regulatory Authorities, Outcome based Education, Industry Oriented Curriculum. How

- Improve Internal Support Systems
- Enhance Engagement with Industry
- Enhance Alumni Engagement

#### Enablers

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

#### Core Activities

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

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

**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	<a href="https://drive.google.com/file/d/1Tjvj17JPvx6YsOj206dUUINZk9h1wZux/view?usp=drive_link">https://drive.google.com/file/d/1Tjvj17JPvx6YsOj206dUUINZk9h1wZux/view?usp=drive_link</a>
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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 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	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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)	<a href="#">View File</a>

### 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

23

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

### 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	<a href="#">View File</a>

#### 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)	<a href="#">View File</a>

#### 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

2021-22

45,14,32,000

19,81,26,000

ADEQUATE

2020-21

49,02,39,000

22,94,06,000

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 & Consumables, Furniture & Fixtures, NSS, Examinations, Industrial Tours etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The Quality issues taken up by IQAC can be unfolded in to major 5 heads as indicated in the figure below:

**IQAC has initiated two practices as follows**

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

**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	<a href="#">View File</a>

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	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);**

**A. All of the above**

**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)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://jntuhcej.ac.in/annual_reports">https://jntuhcej.ac.in/annual_reports</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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	<a href="https://drive.google.com/file/d/1-BXe_p_xnO7of7WaKCTXqL00AAwov9vS/view?usp=drive_link">https://drive.google.com/file/d/1-BXe_p_xnO7of7WaKCTXqL00AAwov9vS/view?usp=drive_link</a>

**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	<a href="#">View File</a>
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**

JNTUHUCEJ 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:**

JNTUHUUCEJ 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	<a href="#">View File</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
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**

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
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.**

C. Any 2 of the above

**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	<a href="#">View File</a>
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 Integrit

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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	Nil
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	<a href="#">View File</a>
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	No File Uploaded

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	<a href="#">View File</a>
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	Nil

### 7.3 - Institutional Distinctiveness

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

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	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

Our institution JNTUH UCEJ is a gradual growing institution with academic excellence. In Course of time it achieved integral development to impart quality education in five different courses. In case of infrastructure it never reminded any deficiency to the staff and students. Now it is fully equipped with modern technical infrastructure and laboratories. It has every qualification to be an autonomous institution.

New vision and mission is to be formulated. The institution is with a view to implement NEP 2020 guide lines to uplift the higher standards in academic qualification.

Our institution has registered on Academic Bank of Credits through the National Academic Depository (NAD). At present our institution is going to get NBA renewal. Several programs are to be organized in our institution through the Industrial experts for the development of skills of the students

With regard to faculty the institution organizes programs to keep the faculty adhered to the changing trends of technology and to innovate their teaching skills.

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.