



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Jaypee University of Engineering and Technology

- Name of the Head of the institution **Prof. D.K. Rai**
- Designation **Vice Chancellor**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **07544267310**
- Mobile no **9999052666**
- Registered e-mail **contact@juet.ac.in**
- Alternate e-mail address **vc@juet.ac.in**
- City/Town **Guna**
- State/UT **Madhya Pradesh**
- Pin Code **473226**

##### 2.Institutional status

- University **Private**
- Type of Institution **Co-education**
- Location **Rural**

- Name of the IQAC Co-ordinator/Director **Prof. Vipin Tyagi**
- Phone no./Alternate phone no **07544267311**
- Mobile **9826268087**
- IQAC e-mail address **vipin.tyagi@juet.ac.in**
- Alternate Email address **dr.vipin.tyagi@gmail.com**

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

<https://www.juet.ac.in/NAAC/AOAR2022-23/AOAR2022-23.pdf>

**4. Whether Academic Calendar prepared during the year?**

**Yes**

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

<https://www.juet.ac.in/NAAC/AOAR2023-24/AC2023-24.pdf>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.26</b>	<b>2023</b>	<b>21/03/2023</b>	<b>20/03/2028</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.06</b>	<b>2016</b>	<b>05/11/2016</b>	<b>04/11/2021</b>

**6. Date of Establishment of IQAC**

**01/08/2016**

**7. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**8. Whether composition of IQAC as per latest NAAC guidelines**

**Yes**

- Upload latest notification of formation of IQAC

[View File](#)

**9. No. of IQAC meetings held during the year**

**2**

- The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.

**Yes**

(Please upload, minutes of meetings and action taken report)

- (Please upload, minutes of meetings and action taken report) [View File](#)

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

- If yes, mention the amount

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

- The IQAC organized a one-week faculty development program focused on the "National Higher Education Qualification Framework in the Context of NEP 2020."
- Through ongoing support and encouragement, the IQAC actively promotes faculty engagement in research and innovation, leading to multiple funding proposals and the establishment of research collaborations with laboratories both within India and internationally.
- The University celebrated important academic days, including National Science Day, National Mathematics Day, Engineers Day, and World Standards Day, fostering a spirit of knowledge-sharing and community involvement.
- To enhance students' practical learning experiences, the University's Innovation Cell organized expert lectures, interactive workshops, and hands-on seminars.
- Faculty members and students are utilizing a remotely accessible supercomputing facility (Ramanujam Universe) dedicated to research and analysis, set up for Jaypee Universities.

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

Plan of Action	Achievements/Outcomes
More efforts for improving the admissions in branches other than CSE.	A slight improvement, but efforts are still being driven by the Admission Cell and various departments working collaboratively toward these initiatives.
More efforts for Consultancy projects Grants from government/ non-government bodies	Faculty members actively working in this field submitted several research proposals last year to funding bodies, including DST and MPCOST.
Faculty members should participate in FDP/Workshops/conferences	Faculty members have participated in FDPs and conferences relevant to their respective fields.
BIS club should be started in university	The BIS Club has been established at JUET
More focus should be given by the faculty and students in SCI /Scopus publications	It is getting improved.

**13. Whether the AQAR was placed before statutory body?** **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

**14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?** **Yes**

**15. Whether institutional data submitted to AISHE**

**Part A****Data of the Institution**

<b>1.Name of the Institution</b>	Jaypee University of Engineering and Technology
• Name of the Head of the institution	Prof. D.K. Rai
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
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• Alternate Email address	<a href="mailto:dr.vipin.tyagi@gmail.com">dr.vipin.tyagi@gmail.com</a>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.juet.ac.in/NAAC/AQAR2022-23/AQAR2022-23.pdf">https://www.juet.ac.in/NAAC/AQAR2022-23/AQAR2022-23.pdf</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://www.juet.ac.in/NAAC/AQAR2023-24/AC2023-24.pdf">https://www.juet.ac.in/NAAC/AQAR2023-24/AC2023-24.pdf</a>				
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Cycle 1	A	3.06	2016	05/11/2016	04/11/2021
<b>6.Date of Establishment of IQAC</b>			01/08/2016		
<b>7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
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• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			2		
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)			Yes		

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<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>The IQAC organized a one-week faculty development program focused on the "National Higher Education Qualification Framework in the Context of NEP 2020."</li> </ul>	
<ul style="list-style-type: none"> <li>Through ongoing support and encouragement, the IQAC actively promotes faculty engagement in research and innovation, leading to multiple funding proposals and the establishment of research collaborations with laboratories both within India and internationally.</li> </ul>	
<ul style="list-style-type: none"> <li>The University celebrated important academic days, including National Science Day, National Mathematics Day, Engineers Day, and World Standards Day, fostering a spirit of knowledge-sharing and community involvement.</li> </ul>	
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<ul style="list-style-type: none"> <li>Faculty members and students are utilizing a remotely accessible supercomputing facility (Ramanujam Universe) dedicated to research and analysis, set up for Jaypee Universities.</li> </ul>	
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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Nil	Nil
<b>14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>Yes</b>
<b>15.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2022-23	03/02/2024
<b>16.Multidisciplinary / interdisciplinary</b>	



A one-week workshop on "National Higher Education Qualification Framework in the Context of NEP 2020" was organized by IQAC, led by Prof. Vipin Tyagi, from July 10-15, 2023, at JUET for all faculty members. The workshop included discussions on implementing NEP guidelines within JUET Guna, particularly for interdisciplinary courses. Faculty members collaborated to outline recommendations and strategies that align with JUET's academic, research, and cultural environment. In addition to its engineering programs in Computer Science, Electronics, Mechanical, Chemical, and Civil Engineering, JUET has departments in Humanities and Social Sciences, Mathematics, Physics, and Chemistry. These departments offer various credit and audit courses to engineering students, enriching the curriculum's multidisciplinary nature. The B.Tech program also includes numerous interdisciplinary elective courses, further supporting a diverse academic framework.

#### **17.Academic bank of credits (ABC):**

JUET had already registered with ABC ([www.abc.gov.in](http://www.abc.gov.in)) to align the University with the credit storage and transfer guidelines of the NEP. A wide range of open and core elective courses run by the University, creating a flexible credit system that allows students to earn additional credits. By choosing these electives and specialized courses, students can earn specialization certificates alongside their regular degrees. Additionally, JUET is registered with the National Academic Depository (NAD), enabling students to access verified digital degrees through Digi locker.

#### **18.Skill development:**

JUET offers a range of clubs, student bodies, and forums where students have abundant opportunities to develop skills in their areas of interest. Among the active cells and forums at JUET are the CSI Student Branch, IETE Student Forum, ASME Student Section, ICI Student Chapter, and JCE Student Society. Additionally, the Jaypee Youth Club at JUET hosts workshops and events in photography, drama, and emerging technologies, as well as TEDx talks, enriching the student experience through diverse learning and growth opportunities.

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

At the University, the JUET Youth Club (JYC) plays an active role in organizing cultural events aimed at fostering Indian cultural values and knowledge among students. JYC's literary and cultural

wings support and promote activities in drama, dance, music, and other art forms that celebrate Indian culture and language. Special support is provided to students from socio-economically disadvantaged backgrounds, with additional guidance offered during and after regular classes to ensure that language barriers, particularly in English, do not hinder their educational experience.

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

The University's curriculum is meticulously designed to meet the standards of Outcome-Based Education (OBE) and is regularly updated based on feedback from students, parents, industry experts, faculty, and current market trends. Course content is reviewed and refined through Board of Studies (BOS) meetings in each department. JUET also has a dedicated Learning Outcome Curriculum Framework (LOCF) committee, which ensures that course outcomes are accurately identified, aligned with program outcomes and program-specific outcomes, and assessed at the end of each semester. Any identified gaps are analyzed, and the committee provides recommendations for continuous improvement.

#### **21.Distance education/online education:**

JUET has enhanced its technology-driven teaching and learning approach, incorporating various online platforms to support a flexible, interactive educational experience. Courses are managed through Google's G-Suite, which facilitates streamlined communication and resource sharing, while Mettl is used for secure, proctored online exams, ensuring integrity in assessments. Additionally, platforms like HackerRank enable practical knowledge assessments, providing students with a hands-on approach to learning. Students are also encouraged to take courses on the Swayam platform, offering access to a variety of subjects and allowing self-assessment through AICTE's PARAKH. YouTube channels further support theory and laboratory courses, making learning resources accessible. While these platforms offer significant flexibility and convenience, some students may face challenges with consistent internet access or adapting to self-paced learning, highlighting areas where further support or resources might be beneficial.

### **Extended Profile**

#### **1.Programme**

1.1

19

Number of programmes offered during the year:						
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
1.2	Number of departments offering academic programmes	9				
<b>2.Student</b>						
2.1	Number of students during the year	1820				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
2.2	Number of outgoing / final year students during the year:	401				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
2.3	Number of students appeared in the University examination during the year	1736				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
2.4	Number of revaluation applications during the year	0				
<b>3.Academic</b>						
3.1	Number of courses in all Programmes during the year	280				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					

3.2	77
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.3	82
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	13046
Number of eligible applications received for admissions to all the Programmes during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
4.2	336
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>
4.3	50
Total number of classrooms and seminar halls	
4.4	1062
Total number of computers in the campus for academic purpose	
4.5	2472
Total expenditure excluding salary during the year (INR in lakhs)	
<b>Part B</b>	

**CURRICULAR ASPECTS****1.1 - Curriculum Design and Development**

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The University has adopted systematic procedure for design, revision and implementation of various courses in curriculum. The Board of Studies of each department oversees the relevancy and requirements of any course in the curriculum that the department offers. The curriculum is diligently framed on the basis of feedback collected from various stakeholders focusing on the latest technologies, industry inputs, and the prospects existing at the national and international levels. It ensures the relevance to local, regional, national and global developmental needs. University offers choice-based credit system, project based courses, and internships in industry and national laboratories. The learning's and outcomes of these courses shall be beneficial in redreassal of local, national and global developmental issues.

There are courses that help the students in analyzing and fulfilling the local and regional requirements on basis of their engineering and managerial skills. Various courses are offered to understand the water and hygiene issues, to spread awareness about solid and liquid waste management, farming equipments, irrigation, e-waste management and use of appropriate technology etc. Curriculum also includes training programs, field visit, and visit to the industries, NGOs, corporate Houses and village based MSMEs etc., which enhances the professional capabilities of the students at large.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**1.1.2 - Number of Programmes where syllabus revision was carried out during the year**

9

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

#### 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

276

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

74

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

19

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

JUET ensures holistic development of students by covering issues such as, Human Values, Professional Ethics, Ethical Values Gender Equality, Environmental Awareness, which are essential in today's interconnected and diverse workspace.

**Professional Ethics, Gender and Human Values:**

The university has introduced Human Values & Professional Ethics and Research & Publication Ethics courses which are focused to develop set of beliefs, and habits that engineers should adopt for the well-being of self and society at large, and to strengthen their emotional and moral quotient. Various workshops related to Universal Human Values are also conducted by JUET and learning through the courses and workshops was well reflected during Covid-19 pandemic when JUET provided lodging and boarding, food and medical facilities to near about 400 stranded students returning from Kota city to their home. JUET has also distributed thousands of hygienic food packets to needy people. Moreover, two senior Professors of JUET are members of AICTE committee on implementation of Universal Human Values courses. In addition to this JUET is focusing on entrepreneurship to strengthen the living standard of the nearby region in getting employment or set-up their own businesses and the issues related to women empowerment, female foeticide prevention, child abuse etc by introducing courses i.e. Entrepreneurship and startup business, Indian Constitution & Traditional Knowledge etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### **1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year**

26

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### **1.3.3 - Total number of students enrolled in the courses under 1.3.2 above**

**1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year**

1737

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field projects / research projects / internships during the year**

705

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**1.4 - Feedback System**

**1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni**

- All 4 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**1.4.2 - Feedback processes of the institution may be classified as follows**

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile****2.1.1 - Demand Ratio**



**2.1.1.1 - Number of seats available during the year****642**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)****2.1.2.1 - Number of actual students admitted from the reserved categories during the year****152**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

JUET offers different learning level programmes to advanced and slow learners. The university has a stipulation for a diagnostic test to assess the basic knowledge of the English language, mathematics, and science of new entrants. The result reports of this test help the faculty to provide support in further understanding the specific desires of students. After identifying both types of learners, we take up suitable teaching techniques and learner-centric methods. In case of slow learners, they are provided personal supervision and concentration with the help of their mentors. Remedial/make-up classes are arranged where bilingual explanation and chances to converse the problems beyond class hours remains the key attribute. Advanced learners are encouraged and stimulated to participate in workshops and conferences apart from getting enrolled in various extra value-added courses in diverse areas that are offered by JUET with a special focus on enhancing employability. Special classes and sessions are arranged for competitive exams such as GATE, and public sector exams. Advanced learners are also encouraged to refer online lectures from sources like NPTEL, SWAYAM, Coursera, and other similar online platforms to further enhance their

knowledge .

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link For Additional Information	Nil

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
1820	77

File Description	Documents
Upload relevant supporting document	<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

JUET focuses on imparting education through a student-centric approach. Students are encouraged to go through first-hand experience using active conceptualization and experimentation that helps them acquire skills and knowledge beyond classroom hours.

The university organizes tech talks, expert lecture series, webinars, and invited alumni talks in order to expose students to various state-of-the-art fields of studies and research. Students are also motivated to participate in certification courses such as Cisco, Coursera, Swayam NPTEL, InfyTQ, etc. The university's annual fest D'EQUINOX provides students raised area to showcase their learning in the form of event as well as resource management. They also get to articulate themselves through cultural, artistic, and innovative performances. The following students' technical clubs and bodies help to produce an intense environment for learning through active participation and hands-on problem-solving understanding.

- Computer Society of India (CSI)-Student Branch
- Civil Engineering Forum (CEF)-Student Society
- Mechanical Engineering Society-(MES)
- Society of Automotive Engineers (SAE)-Club.

- Programming-Club
- Development-Club
- Multimedia-Club
- Publication-Club
- Google Developer-Club
- Geeks for Geeks
- Botnet-Club
- AR/VR/MR-Club
- BITWISE-JUET Programming Hub
- RoSPiNoT
- Mozilla Phoenix-Club
- The Institution of Electronics and Telecommunication Engineers (IETE)-Student Forum
- American Society of Mechanical Engineers (ASME)-Student Section
- Indian Concrete Institute (ICI)-Student Chapter
- Jaypee Chemical Engineering (JCE)-Student Society

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

JUET is always looking forward to adopting progressive ICT-enabled teaching-learning methodology. Online education resources, social networking sites, and blended learning platforms like Google Meet, and Google Classroom are extensively used to provide enhanced learning experiences to the students. Faculty members prepare lecture modules on important topics, and live videos for lab experiments are made obtainable for students in an online arsenal, this ensures 24/7 availability of teaching content to them. Classrooms and labs at JUET are ICT-enabled with state-of-the-art overhead projectors and the campus is equipped with high-speed Wi-Fi connection. JUET possesses a licensed Google workspace for education (G-Suite) that serves as an all-in-one place for teaching and learning which helps in managing teaching-learning experiences. Google Classroom is used to place all course-related information-learning material, quizzes, lab submissions and evaluations, and assignments to students. A well-equipped functional multimedia lab with state-of-the-art lecture capturing tools is in place to facilitate the development of online resources and e-content by faculty members. The collaborations between JUET and various organizations/industries e.g. Coding Ninjas, Nodal Centre of Virtual Labs, SWAYAM-NPTEL Local Chapter,

Remote Centre of IIT Bombay under NME-ICT Program of Ministry of HRD are there which helps in conducting coding competitions, mentoring and training sessions.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

74

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

77

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

64

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

#### 2.4.3.1 - Total experience of full-time teachers

934

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

10

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 2.5 - Evaluation Process and Reforms

##### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

8

##### 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

##### 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

0

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

JUET has a well-established, structured three-tier examination system and continuous evaluation system with multiple assessments each semester. JUET uses "Campus Lynx" as an Institutional Resource Planning method developed by JIL Information Technology Ltd. This platform is in line with the state-of-the-art technology requirements of JUET which has integrated technological reforms into the examination system. The whole process, right from inviting admission applications to the passing out of students and maintaining the history there on, is professionally managed with the support of Campus Lynx.

The standardized automated process related to the conduct of examinations, declaration of results, and award of degrees is controlled and monitored by the University Examination Cell through IRP to maintain transparency. IT integration through IRP has modernized the entire examination process. Following are the important activities related to the examination process that are managed by the IRP system.

- Preparation and demonstration of the academic calendar in advance mentioning the important dates for the conduct of University examinations.
- The scheme of examination is prepared and displayed.
- Students are able to access the examination schedules and seating plan.
- Circulation of invigilation duty charts.
- Maintaining a record of continuous evaluation for theory and practical examinations and internal assessments.
- Grade compilation and result display.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### **2.5.4 - Status of automation of Examination division along with approved Examination Manual**

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

JUET has started incorporating learning outcomes-based education by accepting the generic and programme specific graduate feature which are incorporated into the assessment procedure. These learning outcomes are extensively publicized through the university website and dedicated display boards. All programs of the university have the generic Program Outcomes (PO) which ensures the attainment of graduate attributes. The Program Specific Outcome (PSO) is also formulated according to the objectives of respective professional bodies. Each department displays the programmes offered, programme objectives, programme-specific objectives, the course structure, and the syllabus on its webpage and notice boards.

Our educational programmes include graduate attributes such as knowledge of the respective torrent, critical judgment, problem-solving capability, communication skills, and digital capabilities. Each programme provides the students to choose from generic courses, which are offered with the aim of escalating the knowledge horizon and enabling students to cultivate a multi-disciplinary approach. These learning outcomes are communicated to the concerned students in classrooms at the beginning of the course by the respective faculty member. The course outcomes (CO) are posted on the departmental notice folder at the local student server and then are clearly marked for each question in the related test papers of T1, T2, and T3.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

JUET offers Undergraduate, Post Graduate, and Research programs implemented with the system to work out the level of attainment of course outcomes (CO), Program outcomes (PO), and Program-specific outcomes (PSO). Course outcomes are mapped to the Program outcomes and Program specific outcomes of the department. Both the theory and lab courses (including project courses) are assessed from 100 marks each. After the conduction of all the examinations,

the concerted teachers fill in question-wise/ activity-wise marks obtained by all the students in a spreadsheet program. Each question/ activity is associated with a corresponding CO. Later, a course outcome score (CO- Score), representative of students' performance, is assigned to each CO. The strategy for assigning a COs score is decided as per the norms set by the university. Each CO score is mapped to one or more POs based on the definitions of the POs given by the NBA. The same method of mapping is also followed for PSOs. Further, a mapping score is given to all the POs and PSOs. Following that, programme in-charges (generally HoD) summarise the program outcomes and program-specific outcomes for that semester or year. The dean (academics) evaluates POs and PSOs and provides feedback to the programme in-charges for necessary action.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.6.3 - Number of students passed during the year

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

401

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 web link)

<https://www.juet.ac.in/NAAC/AQAR2023-24/2.7.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The university adheres to the research guidelines established by the UGC and AICTE, taking ongoing initiatives to encourage research activities and providing a variety of facilities for



research scholars, students, and faculty. Research infrastructure, including 3D printing machines, CNC machines, computer hardware and software, and other laboratory equipment, is regularly maintained and updated. Necessary raw materials and consumables are procured as required.

Several initiatives have been implemented to promote research, including:

- Teaching assistantships for PhD and PG scholars to enhance the quality and volume of research work.
- Free accommodation for married PhD scholars.
- Certificates and medals of appreciation for faculty members who achieve significant publication or recognition from a government-recognized body.
- Encouraging all Master's students to submit a research paper for publication, with B.Tech. students inspired to publish a paper based on their final-year major project work.
- The JUET Research Journal of Science & Technology (JRJST), an in-house research journal, is published biannually.
- Biannual recognition of faculty, staff, scholars, students, and alumni achievements in the JUET Chronicle, the official newsletter.

Additionally, the Entrepreneurial Development Cell (E-Cell) encourages students to bring forth innovative entrepreneurial ideas by organizing various timed events.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

22.94

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

61

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.5 - Institution has the following facilities to support research**  
**Central Instrumentation Centre**  
**Animal House/Green House Museum**  
**Media laboratory/Studios**  
**Business Lab**  
**Research/Statistical Databases**  
**Moot court**  
**Theatre**  
**Art Gallery**

**A. Any 4 or more of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 3.2 - Resource Mobilization for Research

**3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

4.922

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

JUET has established an Institutions Innovation Council (IIC) following the guidelines of the MHRD's Innovation Cell (MIC). The IIC aims to promote a culture of innovation within the University by encouraging, inspiring, and nurturing students to develop new ideas and transform them into prototypes. As a preliminary step toward establishing an Incubation Centre, JUET set up an Entrepreneurship Development Cell (EDC) in 2018. The EDC's purpose is to motivate students to start their own ventures and to promote specialized knowledge in entrepreneurship development.

The EDC helps students cultivate entrepreneurial, organizational, and team-building skills through various awareness programs,

including workshops, seminars, interactions with successful entrepreneurs, alumni meet-ups, and business plan competitions. Seminars and workshops on entrepreneurship and intellectual property rights (IPR) are held for both students and faculty to enhance their business acumen and provide insights into patents, copyrights, trademarks, and the filing process.

JUET is also part of the Kapila scheme, offering financial assistance to faculty for patent filing. B.Tech. students are encouraged to undertake innovative research projects beyond their academic credits, guided by faculty and their fields of interest. Students also participate in various events organized by other institutions.

The University actively participates in government-led innovation initiatives and organizes events like Hackathons, Codeathons, and other technical competitions across various departments to enhance students' design thinking skills.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

10

#### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

10

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

#### 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.4 - Research Publications and Awards**

**3.4.1 - The institution ensures implementation of its stated Code of Ethics for research**

**3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**

**1. Inclusion of research ethics in the research methodology course work**  
**2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**  
**3. Plagiarism check**  
**4. Research Advisory Committee**

**A. All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards**  
**Commendation and monetary incentive at a University function**  
**Commendation and medal at a University function**  
**Certificate of honor**  
**Announcement in the Newsletter / website**

**A. All of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.4.3 - Number of Patents published/awarded during the year**

**3.4.3.1 - Total number of Patents published/awarded year wise during the year**

**27**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4.4 - Number of Ph.D's awarded per teacher during the year**

**3.4.4.1 - How many Ph.D's are awarded during the year**

**3**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year**

**187**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

**3.4.6 - Number of books and chapters in edited volumes published per teacher during the year**

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

**32**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS</b>	<b>B. Any 4 of the above</b>
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File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
10.82	Nil

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

### 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
32	Nil

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

## 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Jaypee University of Engineering and Technology has an established revenue-sharing policy for consultancy work, outlining the distribution of consultancy/testing fees in three cases: 1) service-based consultancy, 2) individual consultancy using university resources, and 3) individual consultancy without university resources. The policy specifies how revenue generated is allocated among various stakeholders and includes set charges for specific testing activities.

Consulting projects are initiated in the name of either the department head or the Dean (A&R) of the University. When JUET equipment, infrastructure, or other resources are utilized, expenses are carefully accounted for following University guidelines. Upon consultancy completion, an official report detailing the services, along with a utilization and financial breakdown, is prepared for review.

The University acknowledges the contributions of faculty and staff involved in testing projects, providing them a share of the revenue generated. Revenue from approved consultancy contracts is first used to cover institutional research costs, with the remaining amount distributed between the faculty and the institute based on the agreed ratio. Institutional overheads are credited to the departmental budget.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

#### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.6 - Extension Activities

#### 3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University is deeply committed to social responsibility, organizing numerous outreach activities within the local community each semester. These activities support students' holistic development while raising awareness about various socio-economic issues. The University has established several student engineering societies, including the IETE Student Forum (ISF), Civil Engineering Forum (CEF), Mozilla Phoenix Club, Mechanical Engineering Society (MES), and Chemical Engineering Forum (CHEF),



all of which actively engage in community outreach efforts. These student groups also participate in government-led initiatives such as Unnat Bharat Abhiyan, Swachh Bharat Abhiyan, Jal Shakti Abhiyan, and Beti Bachao Beti Padhao.

These programs encourage students to confront diverse social issues. Through the ideation, planning, and execution of these activities, students not only develop a strong sense of social responsibility but also gain valuable skills such as creativity, effective communication, critical thinking, problem-solving, crowd management, mass communication, time management, emotional intelligence, empathy, and teamwork.

Moreover, JUET has been recognized as a Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) institution by the Mahatma Gandhi National Council of Rural Education (MGNCRE), under the Ministry of Education, Government of India.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year**

**3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year**

79

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)**

25

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

2935

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

##### 3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

77

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

6

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Jaypee University of Engineering and Technology (JUET) has state-of-the-art infrastructure, meticulously designed to provide exceptional educational opportunities commensurate with those offered by India's leading institutions.

Situated amidst a picturesque, eco-friendly setting, the university's modern campus boasts well-planned academic facilities and expansive open spaces, cultivating an environment conducive to intellectual exploration.

JUET's academic priorities include:

- Establishing a robust foundation of knowledge and fostering inquisitiveness.
- Encouraging collaborative learning and self-confidence.
- Pursuing excellence and instilling self-discipline.
- Nurturing holistic development.
- Preparing innovative professionals equipped to address complex challenges.

The university's infrastructure encompasses:

- Seventeen well-equipped lecture halls and thirty interactive classrooms.
- State-of-the-art laboratories and advanced computing equipment.
- A high-speed network with robust data privacy measures and Wi-Fi.

The Learning Resource Center (LRC) houses an extensive collection of texts, journals, and digital resources.

Laboratories adhere to regulatory standards, ensuring regular maintenance, updates, and enhancements.

By integrating academic rigor, innovative infrastructure, and holistic development, JUET provides an intellectually stimulating environment.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Jaypee University of Engineering and Technology (JUET) fosters comprehensive student growth through a diverse range of extracurricular activities, including cultural enrichment, sports, yoga, and recreation. The university's campus features state-of-the-art facilities to support these initiatives. By integrating academics with cultural and physical development, JUET cultivates well-rounded individuals.

JUET's comprehensive sports infrastructure encompasses:

- Team sports: football, cricket, basketball, volleyball, handball
- Racquet sports: badminton, lawn tennis
- Swimming pool
- Indoor sports halls for various disciplines
- Multipurpose hall with badminton and table tennis courts
- Cricket nets for focused training

Expert coaching is provided by a proficient sports coordinator, promoting excellence in respective sports. Additionally, yoga and fitness routines are encouraged, with dedicated sessions held in well-equipped venues.

The Multipurpose Hall (MPH) serves as a hub for diverse events, including: cultural festivals, music performances, yoga sessions, indoor games etc. MPH is equipped with advanced audio-visual facilities and seating capacity of 2200.

JUET Youth Club organizes various events: cultural and sports events (Aarambh, Sangharsh, De-equinox, Raga, Adios), Inter-university cultural events, annual grand festival featuring renowned artists and musicians. The University has various facilities for these activities: auditoriums, theatres, seminar halls, classrooms. Departments maintain respective technical clubs, collaborating on the technical festival.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

JUET fosters academic excellence in a serene, smoke free eco-friendly campus, promoting a healthy and connected learning environment with seamless Wi-Fi connectivity.

The University offers exceptional facilities, including: three air-conditioned academic blocks, advanced auditoriums and lecture theatres, modern classrooms and fully-equipped laboratories

Additional campus amenities include:

- An air-conditioned Learning Resource Center (LRC) with extended access hours.
- 24/7 high-speed internet connectivity with 1.025 Gbps bandwidth.
- Separate hostels for boys and girls with modern amenities.
- Well-furnished hostel rooms with essential amenities.
- Gymnasiums for both boys and girls.
- On-campus photocopying, printing, and report binding services.
- Separate salon facilities for female and male students.
- Supervision of hostel administration for student well-being.
- Automated air-cooled mess facilities with hygienic meals.
- Shopping complex catering to daily needs.
- Evening and late-night pantries for snacks.
- Security personnel for campus safety.
- Lift facilities for differently-abled students.
- Transportation services on and off-campus.
- Guesthouse for visitors.
- Banking services and ATMs from PNB and Axis Bank.
- 24x7 firefighting unit and fire brigade.
- Fire extinguishers strategically placed.
- 24x7 Medical Centre with a resident doctor and ambulance service.
- Continuous water supply from the Water Treatment Plant.
- Uninterrupted electricity supply with two power substations.
- Automated laundry facility.

Sewage treatment plant for waste processing.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

275

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

JUET's "Learning Resource Centre (LRC)" embodies the motto "Knowledge is power" and is equipped with an automated Integrated Library Management System (ILMS). Key features of the LRC include:

- Web-based library management software KOHA for user convenience.
- Barcode-based system for efficient book issuance and returns.
- Online Public Access Catalogue (OPAC) for searching books and resources.
- Access to e-journals, e-books, and e-resources such as IEEE and Springer.
- Membership in DELNET for inter-library loan services.
- Services like book lending, reference assistance, photocopying, and inter-library loans, with extended operating hours.
- Robust security measures including a 3M security system and CCTV cameras.
- User counters for monitoring facility usage and maintaining social distancing.

The University has implemented several additional initiatives, including:

- Providing Wi-Fi access, internet connectivity, and the ability to download and print materials.

- Organizing Book Exhibitions and displaying new book arrivals.
- Implementing a structured feedback system to continuously enhance LRC services based on user input.
- Establishing a recommendation system for book purchases through academic departments.

The University's LRC building is centrally situated, thoughtfully designed, and fosters an ideal learning environment. It offers ample space for students to browse and engage in relaxed reading activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases</b>	<b>A. Any 4 or all of the above</b>
---	-------------------------------------

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**36.19**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

**409**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.3 - IT Infrastructure****4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year**

50

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility**

Jaypee University of Engineering and Technology (JUET) recognizes the vital importance of a robust IT infrastructure in supporting governance, academics, research, and overall operations. To achieve this, JUET's IT Cell has developed a comprehensive IT Policy based on the following principles:

- Enhance academic and research excellence through tailored IT solutions and flexible instructional methods.
- Optimize infrastructural efficiency through a scalable, secure information technology and telecommunications network.
- Lead in developing and managing cutting-edge computing infrastructure, leveraging latest technologies.
- Define clear user roles, responsibilities, and guidelines for IT infrastructure management.
- Ensure utmost data integrity, security, and compliance with government regulations.
- Uphold software legality and adherence to standards.

JUET's IT infrastructure prioritizes: data management and security, global information access, confidentiality and integrity

By implementing this policy, JUET fosters a dynamic, technology-driven environment for teaching, learning, and research. Top of Form

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>



4.3.3 - Student - Computer ratio during the year	
Number of students	Number of Computers available to students for academic purposes
1820	1062
4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	
• 1 GBPS	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	
A. All of the above	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year	
498	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<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.	
Jaypee University of Engineering and Technology (JUET) has implemented a comprehensive framework for efficient campus facility management, ensuring optimal utilization and maintenance. Key measures include:	

- Standardized protocols approved by university management for facility management.
- Robust Standard Operating Procedures (SOPs) for adapting to evolving circumstances, including pandemic responses.
- Regular maintenance and cataloging of assets, classrooms, and laboratories through:
  - Committee-supervised activities
  - LRC and IT department records and stock verification
  - Department-headed laboratory management
  - Dedicated sports equipment maintenance
- IT department maintenance of hardware and software records, ensuring prompt issue resolution.
- Annual Maintenance Contracts for technology assets, facilitating timely repairs and replacements.
- Environmental sustainability initiatives:
  - Sewage treatment plant for water recycling and manure production
  - Regular water tank cleaning and treatment
  - Garbage disposal, pest control, and lawn maintenance
- Mess Supervision Committee ensures food quality and storage standards in campus eateries through regular inspections.

JUET's structured approach ensures a well-maintained, efficient, and pleasant campus environment.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

**5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)**

**313**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

1572

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology**

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation 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**

• All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 5.2 - Student Progression

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

**5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

11

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.2 - Total number of placement of outgoing students during the year**

277

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

4

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Here's a brief overview of various student committees:

**JUET Youth Club (JYC) Committee** This committee promotes excellence, self-confidence, and comprehensive growth among students. It organizes a range of events including English and Hindi plays, dance performances, other cultural activities, and both intra- and inter-university sports competitions.

**Training and Placement Committee** This group organizes diverse training programs and engages with potential employers to explore internship and job opportunities for students. It conducts seminars, webinars, and mock interviews to help students identify their strengths and career prospects.

**Equal Opportunity Cell** The cell promotes equitable access to opportunities for all students. It conducts activities focused on skill enhancement for socially and economically disadvantaged groups, preparing them for competitive exams and increasing awareness of available scholarships through personality development and soft skills training.

**Anti-Substance Abuse Committee** Dedicated to maintaining a drug-free campus, this committee prohibits the use of substances and raises awareness about the dangers of substance abuse through various initiatives.

**Gender Sensitization Committee** This committee organizes awareness programs and events related to gender equality, including workshops, competitions, and campaigns aimed at fostering equality among all genders.

**Unnat Bharat Abhiyan Committee** This group collaborates with local communities to identify developmental issues and implement sustainable solutions, focusing on initiatives like soil conservation and water management.

**Alumni Committee** The committee strengthens connections between

alumni and the university, facilitating interaction sessions that benefit current students through shared experiences and insights.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

24

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The alumni association aims to coordinate activities and strengthen connections between current students and alumni while enhancing the university's growth. It leverages input from its extensive alumni network, which includes 6,485 members employed by reputable companies worldwide. Established on March 21, 2018, under the Madhya Pradesh Society Act, the JUET Alumni Association connects graduates with their alma mater and current students through a professional portal.

Key initiatives include:

1. **Knowledge Sharing:** The association organizes regular lectures where alumni share their industry experiences on topics like entrepreneurship and modern technologies, adapting to online formats during the COVID-19 pandemic.
2. **Deeksharambh:** This induction program introduces new students to academic expectations and professional behavior.
3. **Interview Preparation:** Alumni conduct mock interviews, mentoring students in technical and interpersonal skills.
4. **Job Referral Program:** Alumni provide job referrals through the University Alumni Portal, aiding both experienced and fresh graduates.
5. **Curriculum Input:** Alumni contribute to curriculum design by aligning academic programs with industry needs.

Additionally, the association hosts informal alumni gatherings and virtual reunions, allowing graduates to share their experiences and provide guidance to current students on maximizing their education.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>B. 4 Lakhs - 5Lakhs</b>
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The university offers a comprehensive range of educational programs in emerging technologies at both undergraduate and postgraduate levels. A strong emphasis on research in advancing technological fields underpins its academic pursuits. The university's academic and administrative structure firmly aligns with its vision and mission, ensuring a clear and focused direction.

**Vision:** Playing a pivotal role in enabling the country and state of Madhya Pradesh, particularly, to develop high caliber trained manpower in the frontier areas of technologies.

**Mission:** To make the university a Center of Excellence in the field of Engineering and Technology with highly developed infrastructure, excellent faculty with an international outlook, and active interaction with the industry.

The following points highlight the university's recognition as a Center of Excellence in Education:

a) The university has state-of-the-art lab facilities, dedicated faculty, and top-tier infrastructure, creating an ideal academic

environment.

b) The university has a track record of excellent placements, with the highest salary package offered at 30 LPA and an average CTC of 6.63 LPA in AY23-24.,

c) Food Safety and Standards Authority of India (FSSAI) awarded ANNAPURNA, JUET, Guna the coveted 'Eat Right Campus' Award with a FIVE STAR rating.

d) The university earned A+ grade with a CGPA of 3.26 on a four-point scale from the National Assessment and Accreditation Council (NAAC) during its second evaluation in March 16-18, 2023.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The university's leadership emphasizes decentralization and proactive management through collaborative decision-making, fostering a positive employee culture, and delegating authority to established nodes and committees. Faculty, staff, and students, along with input from employers and parents, participate in decision-making processes aimed at continuous improvement. The university promotes participatory management across all its activities, forming committees with equal gender representation and involving multiple professors, staff, and student members to encourage leadership involvement.

The university's administrative structure is led by the Academic Council, the highest academic decision-making body, which includes experts from various disciplines, field representatives, and faculty members.

Decentralization is also evident at the departmental level, where the registrar collects and forwards the budgetary needs for teaching, learning, research, and outreach activities. A group of senior university faculty members then reviews the needs and prepares the budget.

Departmental meetings are frequently held to assign courses and track student progress. HOD meetings with Deans and VC are held to discuss departmental and university-level concerns, the creation



of new programs and extracurricular activities, etc. All faculty members receive copies of the meeting minutes. The University also makes sure that statutory bodies meet regularly. The working culture at the university is student-centric, with feedback from both students and faculty. This feedback is further used to refine curricula, policies, hostel and mess management, and other key administrative areas, ensuring continuous improvement in the teaching-learning process.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

The university's vision, mission, and goals are central to JUET's strategic plan, which outlines a forward-looking approach to institutional growth.

The institution uses e-learning platforms like NPTEL, SWAYAM, and others, together with real-world experiences, to strive for excellence in experiential learning with trust, transparency, and autonomy. It offers training for skill development, technical assistance, and mentoring.

The university actively promotes an entrepreneurial mindset and skill development among its students to fulfill its mission. It has a dedicated Training and Placement Cell and committed departmental faculty coordinators working to support these initiatives.

For example, the primary objective is to equip students with the knowledge and skills needed to meet market demands while fostering ethical and moral principles through professional communication. In line with this, various skill-based and value-added courses are offered as part of the B. Tech program curriculum.

- a) Professional Communication Practice
- b) Life Skills and Effective communication
- c) Research and Publication Ethics
- d) Concept of Economics

- e) Concept of Marketing Management
- f) Human Values and Professional Ethics
- g) Entrepreneurship and Startup Business
- h) Logical & Quantitative Techniques

The following five skill-based courses were approved by the BOS of Department of HSS held on May 08, 2024:

- i) Career Management and Development
- ii) Concepts of Entrepreneurial Development
- iii) Introduction to Financial Markets
- iv) Data Analysis Tools
- v) Legal and Ethical Issues in Business

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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.

Faculty, staff, and students all contribute to the university-wide committees, which are well-represented in gender and cultural diversity. Comprehensive performance data is accessible to all stakeholders through annual reports, newsletters, the annual quality assurance report, fee structures, admission policies and procedures, academic and administrative policies, the university website, daily emails, notices, and more.

The Board of Studies (BoS) is crucial to the university's academic system. It is responsible for designing course content, periodically reviewing and updating it, and introducing new programs or courses. The academic council reviews and approves the BoS's recommendations. Grievance redressal committees have also been established for faculty/staff and students. Each department follows a well-defined structure to ensure clarity in accountability, authority, and responsibilities at every level. The university's vital organizational units include the Sponsoring

Body (Jaiprakash Sewa Sansthan), the State Regulatory Commission (MPPURC), the Governing Body, the Board of Management, and the Academic Council. Collaboration between the Chancellor, Vice-Chancellor, Registrar, Deans, Heads of Departments, teaching staff, non-teaching personnel, and support departments like Accounts ensures a conducive academic environment for students.

The university also incorporates external members into various committees and boards, ensuring updated inputs from external experts, industry professionals, and subject matter specialists. Various policies are also available for reference

1. Organogram of the University
2. Policies of the university
3. Faculty Members-appointment letter
4. Administrative staff-appointment letter

The university has also established an Internal Quality Assurance Cell (IQAC) to ensure a quality culture at the university level.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.2.3 - Institution Implements e-governance in its areas of operations

**6.2.3.1 - e-governance is implemented covering following areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective

welfare measures for teaching and non-teaching staff

JUET has a transparent promotion strategy that prioritizes high-caliber teaching and research. Every year, faculty and staff performance is assessed, and their skills are evaluated methodically.

The management supports employees by providing essential resources for growth and well-being, including:

1. The university has introduced an improved pay structure for its employees, which includes components such as Basic Pay, Dearness Allowance, Employer's PF Contribution, Conveyance Allowance, Medical Reimbursement, HRA, Soft Furnishing Allowance, Special Allowance, and Gratuity, among others.
2. Maternity leave of 180 days is provided to all eligible female employees, while paternity leave of ten days is available for male employees.
3. All employees are offered on-campus accommodation with free electricity, 24/7 access to purified water, and internet facilities.
4. There is a multi-cuisine cafeteria, and the Annapurna (mess) provides meals at subsidized rates.
5. Free services include access to an ambulance, essential diagnostic services, and a fully stocked pharmacy available 24/7.
6. JUET also supports and encourages its R&D activities by:
  - Encouraging and supporting sponsored research initiatives.
  - Recognizing and honouring faculty members who receive state, national, or international awards, patents, recognitions, or research grants.
  - Promoting the publication of research in high-quality journals.
  - Supporting the organization of conferences, workshops, FDPs, expert lectures, and interactive sessions.
  - Providing sponsorship for attending workshops and conferences.
  - Procuring instruments and software for advanced research.
  - Establishing specialized labs, innovation centers, centers of excellence, and research groups.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

340

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.3.4 - Total 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)**

340

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**6.4 - Financial Management and Resource Mobilization****6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources**

JUET follows a well-structured process for mobilizing funds and resources. The university's Board of Management (BOM) is responsible for planning, managing, and overseeing the financial resources. At the start of each academic year, departments submit their annual budgets for planned activities, which the BOM then reviews, and the necessary funds are allocated. An annual financial audit ensures the efficient use of these funds, with copies of the audited results regularly shared with the BOM and regulatory bodies, ensuring transparency in financial matters.

The primary sources of resource mobilization are student fees and research grants. The funds generated are primarily utilized for the maintenance and development of the university.

Optimum utilisation of funds is ensured through the following measures: -

- Sufficient funding is allocated for enhancing teaching and learning methods, including orientation programs, workshops, interdisciplinary activities, training programs, and refresher courses, to ensure quality education.
- Every year, funds are invested in improving library facilities to support better learning methods, with the Library Advisory Committee ensuring optimal use of library resources.
- Adequate funds are also utilized to develop and maintain the university's infrastructure.
- The purchasing committee ensures that all purchases comply with regulations, maintaining high-quality standards without compromise.

The primary goal of mobilizing resources and making the best use of them is to guarantee that JUET Guna offers top-notch teaching facilities and environments that support students' professional development.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)**

4.16325

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.4.4 - Institution conducts internal and external financial audits regularly

JUET has implemented a framework for conducting annual internal and external audits to ensure financial compliance. The internal audit committee meticulously examines income and expenditure details, and the compliance report is presented to the university management. An external audit is conducted annually by a designated external agency. Financial resource allocation is strategically planned at the beginning of each financial year. The accounts department manages several functions, including the collection of tuition fees, salary distribution, tax payments, procurement of laboratory equipment and teaching aids, and payment of maintenance bills.

The Statutory Audit adheres to essential accounting policies, encompassing General Accounting Practices, Fixed Asset Accounting and Depreciation, Inventory Management, Claims, Revenue Recognition, Employee Retirement Benefits, Foreign Currency Transactions, and Finance Costs. JUET, Guna routinely carries out both internal and external financial audits. The Accounts Department, led by the Chief Financial Controller (CFC), maintains annual accounts and oversees audits.

The internal audit is performed by Ravi Rajan & Co., New Delhi, which reviews accounts, vouchers, and expenses. The external audit, conducted annually after March 31 by Dass Gupta & Associates, offers an opinion on the Financial Statements. Chartered accountants conduct the audits of university accounts in compliance with government regulations. Following the audit, the auditor ensures that all payments have been appropriately authorized, and the report is forwarded to management for review. The management authorities and the chartered accountant sign the audited statement. Certified CAs from Dass Gupta & Associates carry out the statutory audit, encompassing all university financial and accounting activities

File Description	Documents
Upload relevant supporting document	<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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The IQAC is dedicated to aligning all university efforts and initiatives with the goal of enhancing academic and administrative excellence during the post-accreditation phase. The following practices reflect the results of IQAC initiatives. The IQAC has made significant contributions to the establishment of quality assurance systems and processes.

- University Recognitions/Collaborations:
  - The following two MOUs were signed during the period of July 1, 2023, to June 30, 2024, with Universities and Organisations: -
    - MOU between JUET Guna and NIT Uttrakhand
    - MOU between JUET Guna and VLSI Society of India
  - JUET is now participating in the National Service Scheme (NSS), Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports.
  - Bureau of Indian Standards (BIS) club established and functioning properly at JUET. Bureau of Indian Standards (BIS) is a National Standards Body of India.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. Any 5 or all of the above**



File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

**Following accreditation, several quality enhancements are made:**

- Course curriculum is enriched for better employability and skill development by modifying some of the existing courses wherever required. Following new UG and PG programs have been approved by MPPURC:
  - UG Programs:
    - B.Tech in Electronics and Communication Engineering (VLSI Design & Technology)
    - B.Tech in Computer Science and Engineering (Artificial Intelligence and Machine Learning)
    - B.Tech in Computer Science and Engineering (Data Science)
    - B. Tech in Mechanical and Mechatronics Engineering (Additive Manufacturing)
    - Bachelor of Business Administration (BBA)
  - PG Programs (Specialization)::
    - M.Tech. Artificial Intelligence and Data Science
    - M.Tech. Artificial Intelligence and Machine Learning
    - M.Tech. Microelectronics and VLSI Design
    - M.Tech. Internet of Things
    - M.Tech. Machine Design
    - M.Tech. Renewable Energy
    - M.Tech. Manufacturing Technology
    - M.Tech. Energy and environmental Engineering
    - M.Tech. Chemical Engineering
  - UG Programs(Micro-Specialization):
    - Process Engineering
    - Transportation Engineering
    - Structural Engineering
    - Software Engineering
    - Artificial Intelligence and Machine Learning
    - Artificial Intelligence and Data Science
    - VLSI Design

- Advance Communication Technologies [5G]
- IOT with Machine Learning
- As per the AICTE curriculum model, four weeks training or internship in Industry/HEI after first year (optional) and second year (compulsory) for B.Tech. have been proposed.

File Description	Documents
Upload relevant supporting document	<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

Jaypee University of Engineering & Technology, Guna, is committed to fostering a gender-equitable environment.

#### Curricular Initiatives:

- **Gender-Sensitive Pedagogy:** Faculty members are trained to use gender-sensitive teaching methods, ensuring that all students feel valued and respected.
- **Student Engagement:** Students are encouraged to participate in discussions and debates on gender-related topics, fostering critical thinking and empathy.

#### Co-curricular Activities:

- **Inclusive Participation:** We actively promote the participation of all genders in co-curricular activities such as sports, clubs, and cultural events.
- **Leadership Development:** We offer leadership development programs that empower women and encourage them to take on leadership roles.
- **Gender-Focused Initiatives:** We organize workshops, seminars, and awareness campaigns to address gender-based issues and promote gender equality.

#### Campus Infrastructure and Support:

- **Safe and Secure Campus:** We prioritize the safety and security of all students, with adequate lighting, security personnel, and emergency response systems.
- **Dedicated Facilities:** We provide dedicated facilities for

women students, including separate hostels, common rooms, and study areas.

- **Counseling Services:** We offer counseling services to address any concerns or issues related to gender, harassment, or discrimination.
- **Gender Sensitization Cell:** The Gender Sensitization Cell provides a platform for students to report grievances and seek support.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="https://www.juet.ac.in/NAAC/AOAR2023-24/7.1.2.pdf">https://www.juet.ac.in/NAAC/AOAR2023-24/7.1.2.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	<a href="https://www.juet.ac.in/NAAC/AQAR2023-24/7.1.3.pdf">https://www.juet.ac.in/NAAC/AQAR2023-24/7.1.3.pdf</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment</b>	<b>A. Any 4 or All of the above</b>
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Jaypee University of Engineering and Technology, Guna, is committed to sustainable waste management practices. The university generates various types of waste, including solid, liquid, and electronic waste.

**Solid Waste Management:** Solid waste is categorized into biodegradable and non-biodegradable components. Biodegradable

waste, such as food scraps and paper, is composted to create organic fertilizer for campus horticulture. Non-biodegradable waste, including plastic and metal, is disposed of responsibly.

**Liquid Waste Management:** The university operates two sewage treatment plants (STPs) with a combined capacity of 1500 kiloliters per day. Treated wastewater is utilized for campus irrigation, promoting sustainable water usage.

**E-Waste Management:** The university has a well-defined e-waste management system. Electronic waste, such as old computers, printers, and mobile phones, is collected and responsibly disposed of through government-approved channels. Students actively participate in e-waste collection drives, contributing to environmental conservation.

**Hazardous Waste Management:** The university ensures that no hazardous chemicals or radioactive waste is generated on campus. The chemical engineering and chemistry departments strictly adhere to safety protocols and environmental regulations.

By implementing these sustainable waste management practices, Jaypee University of Engineering and Technology, Guna, strives to minimize its environmental impact and promote a greener campus.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>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>	A. Any 4 or all of the above
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1. Restricted entry of automobiles</b>	A. Any 4 or All of the above

<p><b>2. Use of bicycles/ Battery-powered vehicles</b></p> <p><b>3. Pedestrian-friendly pathways</b></p> <p><b>4. Ban on use of plastic</b></p> <p><b>5. Landscaping</b></p>	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <p><b>1. Green audit</b></p> <p><b>2. Energy audit</b></p> <p><b>3. Environment audit</b></p> <p><b>4. Clean and green campus recognitions/awards</b></p> <p><b>5. Beyond the campus environmental promotional activities</b></p>	<p><b>A. Any 4 or all of the above</b></p>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>A. Any 4 or all of the above</b></p>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Jaypee University of Engineering & Technology, Guna, is committed to fostering a diverse and inclusive campus environment.

**Cultural Diversity Initiatives:**

- **Cultural Celebrations:** We celebrate a variety of cultural festivals, including Diwali, Holi, Navratri, and Independence Day. These events provide opportunities for students to share their traditions and connect with others from diverse backgrounds.
- **Bilingual Pedagogy:** Our bilingual teaching approach, incorporating Hindi and English, caters to students with diverse linguistic backgrounds.
- **Multilingual Library:** The university library houses a collection of books and resources in multiple languages, promoting cross-cultural understanding.

**Socioeconomic Diversity Initiatives:**

- **Need-Based Scholarships:** We offer need-based scholarships to ensure that financial constraints do not hinder students' access to quality education.
- **Mentorship Programs:** Our mentorship programs pair students with experienced faculty and alumni, providing guidance and support.
- **Skill Development Workshops:** We organize skill development workshops to equip students with the necessary skills for the job market, regardless of their socioeconomic background.

**Gender Equality Initiatives:**

- **Gender Sensitization Programs:** We conduct regular gender sensitization workshops to promote gender equality and address issues such as harassment and discrimination.
- **Women Empowerment Programs:** We offer programs to empower women students, including leadership development workshops and mentorship opportunities.
- **Inclusive Campus Culture:** We strive to create a safe and inclusive campus environment where all students feel valued and respected.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<p>7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:</p>	
<p>Jaypee University of Engineering &amp; Technology, Guna, is dedicated to cultivating responsible citizens who understand and uphold the values enshrined in the Indian Constitution.</p>	
<p><b>Constitutional Awareness Initiatives:</b></p>	
<ul style="list-style-type: none"> <li>• <b>Constitution Day Celebrations:</b> We commemorate Constitution Day through a range of activities, including debates, quizzes, and essay competitions. These events deepen students' understanding of the Constitution's historical significance and core principles.</li> <li>• <b>Expert Lectures:</b> Renowned constitutional experts and legal professionals deliver insightful lectures, providing students with a comprehensive understanding of the constitutional framework.</li> <li>• <b>Mock Parliament Sessions:</b> Students engage in simulated parliamentary proceedings, honing their public speaking, critical thinking, and debating skills.</li> <li>• <b>Constitution-Based Competitions:</b> Quiz and debate competitions encourage students to delve into the intricacies of the Constitution and foster intellectual curiosity.</li> </ul>	
<p><b>Curriculum Integration:</b></p>	
<ul style="list-style-type: none"> <li>• <b>Dedicated Course:</b> A dedicated course on the Constitution and Traditional Knowledge is offered to provide a comprehensive understanding of the Indian Constitution and its principles.</li> <li>• <b>Case Study Analysis:</b> Constitutional issues are integrated into various courses, enabling students to apply their knowledge to real-world scenarios.</li> <li>• <b>Project-Based Learning:</b> Students undertake research and analysis projects on constitutional topics, fostering in-depth understanding and critical thinking.</li> </ul>	
<p><b>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</b></p>	<p>All of the above</p>

**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 Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Jaypee University of Engineering & Technology, Guna, actively participates in commemorating various national and international days and events.

#### National Commemorative Days:

- **Independence Day:** We celebrate India's independence with flag-hoisting ceremonies, cultural programs, and patriotic songs.
- **Republic Day:** We commemorate the adoption of the Indian Constitution with parades, debates, and quizzes.
- **Gandhi Jayanti:** We organize cleanliness drives, peace marches, and discussions on Gandhian principles to promote non-violence and social harmony.
- **Constitution Day:** We conduct workshops, seminars, and competitions to raise awareness about the Indian Constitution and its significance.

#### International Commemorative Days:

- **International Women's Day:** We organize events to celebrate women's achievements and promote gender equality.
- **Earth Day:** We conduct environmental awareness programs, tree plantation drives, and clean-up campaigns to protect our planet.
- **World Health Day:** We organize health check-ups, workshops, and seminars to promote healthy lifestyles.

#### Other Commemorative Events:

- **National Science Day:** We organize science exhibitions,



competitions, and lectures to inspire scientific curiosity and innovation.

- **National Sports Day:** We conduct sports competitions and fitness activities to promote physical well-being.
- **National Education Day:** We organize educational conferences and workshops to discuss the importance of education and its role in nation-building.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

**Best Practice : Teaching Methodology and Implementation of Outcome-Based Education at Jaypee University of Engineering & Technology, Guna**

Jaypee University of Engineering & Technology, Guna, is committed to providing a world-class education that empowers students to succeed in the 21st century. To achieve this goal, the university has adopted an Outcome-Based Education (OBE) approach, aligned with the National Education Policy (NEP) 2020.

**Key Components of OBE:**

- **Curriculum Mapping:** A well-structured curriculum ensures that courses are aligned with program outcomes.
- **Continuous Assessment:** Regular assessments provide timely feedback to students, helping them track their progress.
- **Robust Evaluation:** A comprehensive evaluation system assesses both student learning and faculty performance.

**Fostering Innovation and Entrepreneurship:**

- **Innovation Cell:** The university's Innovation Cell provides a platform for students to collaborate on innovative projects and develop entrepreneurial skills.
- **Entrepreneurship Development Programs:** Workshops and boot camps equip students with the tools and knowledge to start their own ventures.
- **Industry Partnerships:** Collaborations with industry leaders provide opportunities for internships, placements, and real-

world projects.

- **Innovation Challenges:** The university organizes challenges to encourage students to develop innovative solutions to real-world problems.

By implementing these initiatives, JUET, Guna, is empowering students to become innovative thinkers, problem-solvers, and successful entrepreneurs.

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

#### Institutional Performance in Promoting Research Excellence

Jaypee University of Engineering & Technology, Guna, is dedicated to fostering a culture of research and innovation. We strive to create an environment that encourages faculty and students to pursue cutting-edge research.

#### Key Initiatives:

- **State-of-the-Art Infrastructure:** Our well-equipped laboratories and research centers provide the necessary tools and resources for groundbreaking research.
- **Research Funding and Support:** We offer generous research grants and fellowships to support faculty and student research projects.
- **Industry Collaborations:** Partnerships with industry leaders facilitate collaborative research and real-world applications.
- **Intellectual Property Protection:** We encourage faculty and students to patent their innovations, safeguarding intellectual property rights.
- **Research Publications:** Our faculty and students actively publish research papers in high-impact journals, contributing to the global knowledge base.

#### Benefits of Research Focus:

- **Enhanced Learning:** Research-based teaching methods enhance student learning and critical thinking skills.
- **Skill Development:** Research projects provide students with valuable practical experience and skill development.
- **Innovation and Entrepreneurship:** A culture of research fosters innovation and entrepreneurship among students and

faculty.

- **Community Impact:** Research can address societal challenges and contribute to sustainable development.

By prioritizing research, JUET, Guna, is positioning itself as a leading institution in engineering and technology, driving innovation and contributing to the advancement of knowledge.

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

Jaypee University of Engineering & Technology, Guna, is committed to providing a world-class education and fostering a vibrant campus community. For the upcoming academic year, we will focus on the following key areas:

#### Academic Excellence:

- **Curriculum Innovation:** Updating our curriculum to align with industry needs and emerging technologies.
- **Faculty Development:** Investing in faculty training to enhance teaching and research capabilities.
- **Student Support:** Strengthening student support services, including academic counseling and career guidance.

#### Research and Innovation:

- **Industry Partnerships:** Fostering collaborations with industry to drive innovation and applied research.
- **Research Funding:** Actively seeking funding opportunities to support research projects.

#### Industry-Academia Partnerships:

- **Industry Advisory Board:** Leveraging industry insights to shape our academic programs.
- **Internships and Placements:** Providing students with valuable industry experience.
- **Industry-Sponsored Projects:** Collaborating with industry partners on real-world projects.

#### Campus Infrastructure and Sustainability:

- **Infrastructure Development:** Investing in campus infrastructure to create a conducive learning environment.
- **Sustainability Initiatives:** Promoting sustainable practices, such as energy conservation and waste reduction.

**Student Welfare and Development:**

- **Student Activities:** Encouraging student engagement through clubs, societies, and cultural events.
- **Counseling Services:** Providing comprehensive counseling and mental health support.
- **Career Development:** Offering career guidance and training to help students succeed professionally.