YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	**Jaypee University of Engineering and Technology, Guna**
• Name of the Head of the institution	**Prof. J.S.P. Rai**
• Designation	**Vice Chancellor**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**07544267310**
• Mobile no	**9997974949**
• 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	**Dr. 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/AQAR2019-20.pdf**
4.Whether Academic Calendar prepared during the year?	**Yes**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.06**	**2016**	**05/11/2016**	**04/11/2021**

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
CISCO	**CISCO Network Academy**	**CISCO**	**2018 (Valid for this year also)**	**0**
NME-ICT Program of MHRD	**Remote Centre of IIT Mumbai**	**MHRD**	**2018 (Valid for this year also)**	**0**
NME-ICT Program of MHRD	**Virtual Lab (IIT Delhi)**	**MHRD**	**2019 (Valid for this year also)**	**0**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	**View File**
9.No. of IQAC meetings held during the year	**1**
• The minutes of IQAC meeting	**Yes**

and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	
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)

* JUET has successfully signed two Memorandum of Understandings (MOUs) with CSIR-CBRI, Roorkee and Coding Ninja by the efforts of IQAC.

* IQAC ensured that the continuous interaction of the students with prominent dignitaries from industry does not get impeded during an ongoing pandemic. The IQAC facilitated a plethora of online interaction sessions exclusively for the JUET students.

* Various expert lectures, webinars, and workshops were organized in the online mode for keeping faculty members and staff technology ready.

* IQAC ascertained that the days and events of national importance like Birth Anniversaries, Science Day etc. do not go uncelebrated. The IQAC orchestrated the events online and facilitated the participation of students in online mode.

* IQAC ensured that the continuous enrichment of the Learning Resource Centre (LRC) did not stop even during pandemic. More than five hundred books and digitized project reports were added to the LRC knowledge base.

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
To cater to the needs of slow learners during ongoing academic classes in each semester.	The institution assesses the learning levels of the students and organizes special Programmes for slow learners
To increase the University participation in various	The University has participated in various events round the year for example Unnat Bharat Abhiyan of MoE.

Government/Non-Government promoted events	
To further improve the University recognition by associations and initiatives	JUET has established itself as a nodal center and remote center of an array of .Govt. and Nov Govt enterprises and programmes including National Mission on Education, Virtual Lab, IIT Delhi, etc.
To ensure that the quality is not compromised in online teaching and learning mode.	State-of-the-art tools and techniques were used for education during online mode. University and department level committees were created for ensuring online education quality. Students' feedback was taken from time to time to monitor the quality of teaching and learning.
To strengthen the University network for quality and development	University has signed two MOUs with CSIR-CBRI and Coding Ninja, New Delhi.

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

- Name of the statutory body

Name	Date of meeting(s)
Board of Management (BOM) and Academic Council (AC)	03/12/2021

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	30/12/2021

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	27
1.2 Number of departments offering academic programmes	11

2.Student		
2.1 Number of students during the year		1373
2.2 Number of outgoing / final year students during the year:		236
2.3 Number of students appeared in the University examination during the year		1305
2.4 Number of revaluation applications during the year		0
3.Academic		
3.1 Number of courses in all Programmes during the year		349
3.2 Number of full time teachers during the year		75
3.3 Number of sanctioned posts during the year		75
4.Institution		
4.1 Number of eligible applications received for admissions to all the Programmes during the year		3186
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		364
4.3 Total number of classrooms and seminar halls		43
4.4 Total number of computers in the campus for academic purpose		588
4.5 Total expenditure excluding salary during the year (INR in lakhs)		1192

Part 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 curriculum has been developed and implemented keeping in view the relevance to local, national, regional and global developmental needs. The objective of these courses is to enhance the technical, employability and entrepreneurship skills of the students. These courses are designed in sync with the 'Make in India' and 'Start-up India' policies of the government. Courses are also developed and implemented keeping in view the Digital India mission. Courses on energy management, the environment is also included in the curriculum. The purpose behind these courses is to make the students familiar with Environment (surrounding) and to understand the significance/importance of the natural resources, biodiversity, environmental pollution and the impact of the intervention of human beings in the Ecosystem. Every department in (JUET) has a Board of Studies (BOS). It comprises all faculty members of the department, experts of respective disciplines, representatives from concerned industries and alumni. Courses are developed and revised considering the Programme outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the respective Programmes offered by the University. BOS meeting is conducted every year and the syllabus revision is done. Contents discussed in the BOS meeting are presented to the Academic Council of the University for discussion and final approval.

File Description	Documents
Upload relevant supporting document	**View File**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

352

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

16

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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	**View File**
Upload relevant supporting document	**View File**

1.3 - Curriculum Enrichment

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

The curriculum in Jaypee University of Engineering and Technology (JUET) has been designed keeping in view, issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability. There are certain courses which are compulsory courses and are included in the course curriculum of all programmes. University runs value-added courses like 'Human Value and Professional Ethics' with the objective of producing responsible, ethical and morally aware engineers/professionals. Students are guided to appreciate the relationship between 'values' and 'skills' to ensure sustained happiness and prosperity. Students are taught a values-based approach to ethical professionalism and are exposed to a method of thinking about and dealing with ethical issues at the workplace. The knowledge of morals, ethics and values helps students to develop widely applicable skills in communication, reasoning and reflection. Overall, the courses focussed to develop a set of beliefs, attitudes, and habits that engineers should display concerning morality and the general wellbeing of society. 'Environmental Science' is another such programme that is included in the course curriculum of all programmes. The purpose behind this course is to make the students familiar with Environment (surrounding) and to understand the significance/importance of the natural resource, biodiversity, environmental pollution and the impact of the intervention of human beings in the Ecosystem.

File Description	Documents
Upload relevant supporting document	**View File**

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

4

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

456

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

272

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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	**View File**

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	**View File**

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

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

121

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

2.2 - Catering to Student Diversity

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

JUET offers various learning level programs to advanced learners and slow learners. The faculties of the respective classes of UG and PG extend valid support in classifying the students with reports based on observation and class tests. After separating both types of learners for further monitoring and conduction of problem-solving sessions /revision sessions are conducted for them. Here are specific techniques, used to meet the needs of students with a range of abilities.

Strategies with slow learners:

- Academic and personal counseling with students and discussing their problems with their mentors at an individual level.
- Planning Remedial Classes, bridge courses with emphasizing their basics and identifying their problems.
- Encourage and motivate them continuously and develop confidence by conducting simple quizzes for them separately.
- Bilingual explanation and discussions after the class hours for better understanding.
- Provision of simple and standard lecture notes/course materials.

Strategies with fast learners:

- Offer minor specialization courses
- Encouraged to enroll in MOOC Courses
- Advance assignments and student seminars, Mock interviews on contemporary topics.
- Special classes for competitive exams like GATE, public sector exams etc.

- **Encouraged to participate and present papers in various Seminars/ Conferences/ Workshops/ Inter-Collegiate Competitions.**

File Description	Documents
Upload relevant supporting document	**View File**
Link For Additional Information	**Nil**

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
1373	75

File Description	Documents
Upload relevant supporting document	**View File**

2.3 - Teaching- Learning Process

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

The faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. **Experiential learning**
2. **Participatory learning**
3. **Problem-solving methods**
4. **Tech Talks**
5. **Seminars and presentations**
6. **Bridge courses**

The JUET focuses on imparting education through a student centric approach for enhancing the lifelong learning skills of students. It provides an effective and innovative platform to students for developing their skills, knowledge, attitude, ethics and moral values. All departments of JUET conduct innovative programs to enhance the creative ability of students and provide them a platform to nurture their problem-solving skills and empower participative learning. The institute organizes the annual technical fest D'EQUINOX, in which students showcase their learning in the form of a cultural, artistic and innovative styles. Apart from the annual fest JUET's various bodies also conduct technical fest and activities like TOYCATHON, HECATHON, DEXTRA and CODETHON etc. By the virtue of this students get motivated to participate in inter college as well as national level competitions. JUET also has branch-wise students technical club that organizes various technical events throughout the academic year. The student technical bodies are as follows:

- **CSI-Student Branch**
- **Mozila Phoenix Club**
- **IETE-Student Forum**

- **ASME-Student Section**
- **ICI-Student Chapter**
- **JCE Student Society**
- **CEF-Student Society**

File Description	Documents
Upload relevant supporting document	**View File**

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

In Jaypee University of Engineering and Technology, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connection. The faculty at JUET use various ICT enabled tools to enhance the quality of teaching-learning are available as follows-

1. Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.
2. IIT Delhi, virtual labs are used to conduct labs through simulations. (Copy of MOU attached)
3. The PPTs with the electronic board is enabled with animations and simulations to improve the effectiveness of the teaching-learning process.
4. Youtube channel (Online resources) -The link to access the is mentioned under (https://www.juet.ac.in/NAAC/Econtent.php)
5. MOU with CSI to promote the development of Digital Forensic Research Center (Copy of MOU attached)
6. Swayam (Open learning platform)
7. NPTEL (Open learning platform)
8. Mettl (Proctored Examination)

In spite of the above ICT tools and resources, the JUET is also equipped with ICT-enabled smart classrooms.

File Description	Documents
Upload relevant supporting document	**View File**

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

2.3.3.1 - Number of mentors

72

File Description	Documents
Upload relevant supporting document	**View File**

2.4 - Teacher Profile and Quality

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

75

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

58

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

812

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

11

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

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

11

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

New IT integration and reforms in the examination procedure and process are already adopted by the university.

University has a well-structured three test examination system in a semester since its inception. Dates of examination are well planned in the academic calendar of every semester. During said period of AQAR [August 16, 2020-August 14, 2021] university faced an unprecedented situation created by the COVID-19 pandemic. Therefore, the conduction of the examination was quite a challenging task for the university. The examination section used IT tools for conduction of examination during said period of AQAR. G-suite was used for T-1 and T-2 examination with instruction of formation of question papers. MCQs and descriptive questions based on Google forms were prepared by course coordinators and shared with students a well-set Date schedule was followed (see in supporting document). The final examination called T-3 was conducted by AI (artificial intelligence) based proctored online tool "Mettle". Rest all the examination activities e.g. marks entry/grade calculations etc. are done by "Campus Lynx" the system university is using since the beginning.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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	**View File**
Upload relevant supporting document	**View File**

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

The JUET has started education based on learning outcomes (generic and programme specific) graduate attributes which are integrated into the assessment process since from this year onwards and widely publicized through the website link https://www.juet.ac.in/

Each Department that offers any programme displayson its webpage, the programmes offered, programme objectives, programme specific objectives, the course structure, and the syllabus. The syllabus

prominently displays the course objectives and course outcomes. Each department faculty is aware of students about their course outcomes at the beginning of the course.

Our educational programmes include graduate attributes that are equipped with discipline knowledge, critical thinking, problem-solving ability, communication skills, and digital capabilities. The revision of the syllabus in every four years incorporates new subjects in line with the industry demand that prioritized discipline knowledge as first and foremost in learning outcomes.

Generic Courses

Each programme provides the students to choose from generic courses, which are precisely offered to expand the knowledge circumference of the student and to initiate them into interdisciplinary fields.

The course structure and syllabus of each course provideinstructionand a scheme of evaluation. If a course is of four credits, it is necessarily required to have four contact hours per week, making a 4 credit course, carrying 56-60 hours of teaching content.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

The JUET offered Under Graduate, Post Graduate and Research programs implemented with a system to measure the levels of attainment of course outcomes, programme specific outcomes and programme outcomes.

Attainment of the Course Outcomes

The course outcomes is measured through syllabus, completion of syllabus, continuous evaluation (internal evaluation), setting up of question paper, evaluation, and result.

At the Departmental level the Heads of the Department and the teachers who are engaged in any class strive to complete the courses in time. The 80 percent of compulsory attendance is required to appear in Test-3 examination is adhered, to ensure students participation in the class. The attendance is also tied with marks. The continuous evaluation is done through tests, quizzes, written assignments, presentation of papers, oral presentations, field work and so on.

Attainment of the Programme Specific Outcomes

The programme specific outcomes is measured by taking the aggregate result of all courses in a given programme of an individual student, and then the average performance of all the students in a given programme.

Attainment of the Programme Outcomes

At the Undergraduate and Post graduate levels, the attainment of programme outcomes is measured by each of the department. Another, measurement of attainment is students' placement in companies.

The feedback system of different stakeholders which is in place in the University helps it to measure and reckon the attainment of the programme outcomes. The online student feedback system provides information pertaining to the relevance of the course, availability of the course material, and course's importance in terms of employability.

The University has also utilized student satisfaction survey developed by NAAC. This feedback is used for measuring the attainment level of course, and programme outcomes of each department are available at below mentioned links.

https://juet.ac.in/Course/PO-ECE.pdf

https://juet.ac.in/Course/PO-CHE.pdf

https://juet.ac.in/Course/PO-CE.pdf

https://juet.ac.in/Course/PO-CSE.pdf

https://juet.ac.in/Course/PO-MEC.pdf

File Description	Documents
Upload relevant supporting document	**View File**

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

236

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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/AQAR2020-21/2.7.1.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 institution has a well-defined research policy which is uploaded on the institutional website and implemented.

File Description	Documents
Upload relevant supporting document	**View File**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	**View File**

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

0

File Description	Documents

Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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	**No File Uploaded**
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)

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
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

The University has a functional Entrepreneurship Development Cell (EDC). The objective of the EDC is to motivate students to start their own business and promoting specialized knowledge in the field of entrepreneurship development. EDC is led by students and mentored by faculty members. The EDC facilitates students to explore entrepreneurship options, building up networks, participate in various summits and competitions. The EDC keeps participating in various activities related to entrepreneurship.

File Description	Documents
Upload relevant supporting document	**View File**

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

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	
12	

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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	**No File Uploaded**
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 • Inclusion of research ethics in the research methodology course work • Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) • Plagiarism check • Research Advisory Committee	**A. All of the above**

File Description	Documents
Upload relevant supporting document	**View File**

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	**D. Any 1 of the above**

File Description	Documents

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

5

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

8

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

1.13

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

19

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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	E. None of the above

File Description	Documents

Upload the data template	**No File Uploaded**
Upload relevant supporting document	**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

The Institution has a well-defined revenue sharing policy between the institution and the individual. The policy is attached.

File Description	Documents
Upload relevant supporting document	**View File**

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)

1.94041

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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 organizes a number of extension activities in the neighborhoodcommunity around the year to sensitize the students towards social issues. Studentsof JUET actively participate in social service activities leading to their overalldevelopment. The University has variousbodies namely SESREC, JYC, ISF, MES,CSI, JCE, Disha, which are actively involved in various extension activities in theneighborhood community, such as cleanliness, waste management, plantation,water conservation, energy saving, environmental awareness, personal health andhygiene, diet awareness, plastic eradication, blood donation camps, E-wastecollection and disposal, collection and distribution of used clothes etc. However,due to COVID-19 pandemic, the involvement of students and activities has been negligible thisyear.

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

	2

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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)

5

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

18

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
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

3

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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.

The University provides a state-of-the-art infrastructure that gives the students excellent learning opportunities as it is critically related to the vision of our University and hence the facilities provided are at par with the any top-class University. The University has 13 well-equipped, well-furnished air-conditioned lecture theatres for conducting theory classes with the provision of internet connection, projection systems,modern audio-visual equipment, and30 Classrooms. There are 53 Laboratories that are well equipped and well maintained not only for carrying out curriculum/syllabus-oriented lab practicals but also to carry out research activities. All the laboratories are established as per regulatory authorities.

IT infrastructure includes a total of 842 computer systems operating on various environments, MHRD approved Leased line broadband internet connectivity, projection and video conferencing facilities, Learning Resource Centre stocked with more than 36120 volumes of books and various e-books, 5 e-journals databases, 20 Nationally & Internationally printed journals and magazines withthe modern library management system.

Departmental libraries aremaintained with a view to cater to the reference needs of students, research scholars and faculty members. An adequate number of reference books, project reports and dissertations are available in this library. The library is segmented into Reference Books, Journals, Periodicals and Dissertations.

The construction work of AR-VR and AI-ML Lab has been completed and going to be commissioned in near future.

File Description	Documents
Upload relevant supporting document	**View File**

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

The University has a Multipurpose Hall, Sports ground and Open lawn area near Nehru Plaza dedicated to the cultural activities of its residing members. The multipurpose hall auditoriumis made for different activities like cultural events of students, annual fests, yoga, indoor games (badminton, Table tennis) and large-scale presentations. The university has the following sports facilities:

- A large multipurpose playfield for football & cricket
- Fixed-in basketball, volleyball and handball courts
- Four badminton courts for boys and residential members.
- Cricket nets with two cemented pitches.

- Tennis court.
- Dedicated swimming pool and Badminton courts for girls inside girls hostel.
- Indoor & Air-cooled sports hall for basketball, badminton and table tennis
- 2 Gymnasium in a cluster of 3-4 hostels.
- Table tennis halls in a cluster of 3 hostels.

The University has a dedicated Jaypee Youth Club which organizes different cultural activities from time to time. Moreover, all the technical departments have their own clubs which collaborate annually to organize a technical festival. Due to the unprecedented situation of COVID-19 pandemic in March 2020, these events could not be organized. But still, many events were conducted online by the JYC during the year 2020-21 like Independence Day, student Induction program, Gandhi Jayanti, Republic Day, Saraswathi Puja, Azadi ka Amrut Mahotsav, Yoga Day.

File Description	Documents
Upload relevant supporting document	**View File**

4.1.3 - Availability of general campus facilities and overall ambience

JUET has been developed as a state-of-the-art campus, smart buildings with Internet, Wi-Fi connectivity, including environmentally conditioned 3 Academic Blocks (named as Ramanujan Bhawan, Raman Bhawan and VishveswaryaBahwan), Air Conditioned / Air Cooled Auditorium / Lecture theatres/ Classrooms and Laboratories. University also has air-conditioned and well-stocked LRC which remains open up to 11.00 PM, Air Cooled hostels with 2 and 3-bed configurations (provided with all facilities and amenities like Clean toilets with geysers, water Cooler fitted with purifiers, TV halls in a cluster of 3 hostels). 1 GB 24 x 7 internet connectivity is distributed throughout the campus. A 24 x 7 water and electric supply with Independent Feeder and DG is backing up the University for continuous run. A Highly automated and FSSAI approved air-cooled student messes named Annapurna are being run separately for boys and girls. University also has a 24x7 Medical Centre with adequate staff, an Automated laundry facility with drying arrangements, Shopping centers facilities such as tuck-shop, grocery shop, Stationery shop, multipurpose shop, and Barbershop, Cafeteria and pantries and Banking service with two ATM's of PNB & Axis Bank. Faculty and Student residences provide a pleasant and intellectually stimulating ambiance for students in an eco-friendly environment

File Description	Documents
Upload relevant supporting document	**View File**

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

23

File Description	Documents

Upload the data template	**View File**
Upload relevant supporting document	**View File**

4.2 - Library as a Learning Resource

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

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

The Learning Resource Center (LRC)of JUET plays a very important & vital role in all academic & research activities. It is fully computerized by a web-based Library management software "Liberty and KOHA". Users can search their desired information on their own desktop such as availability of books, the current status of their account, new arrivals, etc. through web Online Public Access Catalogue (OPAC). At present, LRC is having a collection of reference sources like handbooks, standards, manuals, encyclopedias, technical reports, project reports along with the prescribed text and reference books, and national & International printed journals. Apart from printed resources, LRC is also having nonprinted materials, full-text e-journals, e-books, and the subscription of 5 e-resources namely IEEE, MAGZTER, Springer & ProQuest. L.R.C is also a member of DELNET (Developing Library Network) to avail interlibrary loan facilities among DELNET members through their network.LRC provides various services to its users like book lending service, reference service SDI, current awareness services and reprographic (photocopy) and Interlibrary Loan facilities to the students and faculty for almost 14 hours a day from 8.30 A.M to 11.00 P. M. A very high-tech 3M security system for the controlling of pilferages is also being used.

File Description	Documents
Upload relevant supporting document	**View File**

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	A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	**View File**

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

19.11657

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

13

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

21

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

There is a defined policy at Jaypee University of Engineering and Technology (JUET) about Information Technology, and the institution has always been at the forefront of embracing new technology and offering IT-enabled services to its stakeholders. The policy offers a framework for the usage of IT infrastructure and also spells out the University's Vision and Mission in making all of its tasks IT-enabled.

Around 2400 nodes in the campus network and Wi-Fi are available to all the residents of JUET campus. Every so often, old and outdated computers are updated based on the requirements and the configurations after getting demands from students, researchers and staff of the University.

The Jaypee University of Engineering and Technology gives access to all the members of the JUET family for using desktop systems, Laptops, other devices to the campus network. The Indian IT Act 2000 addresses different network usage issues. Various points are mentioned in the IT policy which embraces actively helping prevent the misuse of network resources. JUET retains the authority to monitor online activities and network data.

The university has a dedicated policy of budgetary plan (as attached) which enables the department to improvise the whole IT infrastructure as per the requirements.

File Description	Documents
Upload relevant supporting document	**View File**

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes

1373	588

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ≥1 GBPS

File Description	Documents
Upload relevant supporting document	**View File**

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	**E. None of the above**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Upload the data template	**No File Uploaded**

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

222

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

The University conducts regular meetings of various committees constituted for this purpose. Laboratory, Library and IT cell maintains the stock register to keep the records of all the concerned items and update it annually.

The requirement for the books is taken from the concerned departments with the involvement of HOD's in the process and finalized by Library committee. Books and journals binding is carried out on regular basis for damaged books to avoid further damage. Stock verification is done as a part of regular monitoring and control.Universityhas deputed a dedicated sport-in-charge to maintain sports equipment,issuance and maintenance of Cricket field, Basketball courts etc.

Centralized IT department maintains the stock register and handles all the software and hardware related issues associated with the computersavailable in the University.

HODs submit demand of classrooms with ICT facility as per requirements.Deputy Registrar(Academics) and (Admin) takes care of the student's academic activities and administration & maintenance correspondingly.

Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns, Mess supervision is done by University's concerned Employees. The university has dedicated staff for the maintenance of wooden, furniture, electrification, and plumbing facilities.

File Description	Documents
Upload relevant supporting document	**View File**

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)

1335

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

1587

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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	**View File**
Upload relevant supporting document	**View File**

5.1.4 - The Institution adopts the following for redressal of student	• All of the above

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

File Description	Documents
Upload relevant supporting document	**View File**

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

7

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

169

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

2

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting document	**No File Uploaded**

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

Students are actively involved in various committees like Jaypee Youth Club, Training and Placement cell, COVID response committee etc.

The J.U.E.T Youth club, better known asJYC,amongst students and faculty members, was formed in 2004. Since its formation, it is responsible for organizing various literary, cultural, sports and technical events every year. JYC endeavours its members in gainfully utilize their time and energy beyond the normal academic activities, whichhelp them to inculcate the moral values and feeling of social responsibility in themselves. Since its, JUET Youth CLUB is truly succeededin achieving its goal by providing the students a platform for exercising their interestsand managerial skills. Every year the basket of a variety of events involves and entertains the entire student community and provides them the opportunity for planning and execution of events outside the classroom. This gives students real life exposure and experience. Activities are carefully planned to provide a stimulating environment for nurturing of excellence, self-confidence and personality and inspiring team-based goal achievement. It is totally run by students under the able guidance of the faculty coordinators.

JUET Youth Club, being the active body behind the conduct of this festival involves student's participation to the farthest extent, creating a charged up effervescent zeal and enthusiasm. The platform provided by JYC through its absolute support from the back-end gives a thrust to the talent of the future engineers to come up and express themselves. The onus of spreading a wave of turmoil is beard by the students.

Structure The JYC is divided into four sub-clubs or wings. Each wing is responsible for organizing and managing its own events.

1.The Literary Wing:The Literary Wing organizes and manages all the literary activities, English plays and gives a platform to students to express their literary talents. The Literary Wing also publishes a university magazines (Vartika) and the alumni brochure (Atisrga) on an annual basis.

2.The Cultural Wing:The Cultural Wing provides an aggrandized platform to members to polish their hobbies of music, dance and dramatics. The Cultural Wing perennially organizes mega events like Freshers, Cultural fest and musical nights.

3.The Sports Wing:The Sports Wing ensures that all the hunger for action is replenished. The Sports Wing is responsible for

organizing intra and inter university sports tournaments. JUET Guna has been a host university for organizing Inter University sports meets of all the three Jaypee Universities.

4.The Arts & Events Management Wing:The Arts and Events Management Wing see to it that the artists of J.U.E.T are given a great platform to improve and polish their skills. Besides organizing the events on fine arts the Wing has always been at the forefront of managing all the major events of JYC.

T&P

The T&P events are being coordinated by T&P volunteers.The department-wise list of T&P volunteers is attached

COVID -19 response Committee

The students are the necessary part of the committee and they provide valuable suggestions regarding student's points of view for the smooth functioning of the various events during COVID duration.

File Description	Documents
Upload relevant supporting document	**View File**

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

7

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

JUET Alumni association has been registered on 21st March 2018 under the Madhya Pradesh Society Act, 1973. JUET Alumni Association contributes significantly to the development of the university with respect to various activities, details are mentioned below.

1. Knowledge-sharing activity: This is one of the activities which prominently conducted in the university to share the academic and corporate experience with the university students. Due to COVID-19 this activity was organized online for example webinars and panel discussions.
2. Interview sessions: JUET alumni always support the university students to excel in their future. Alumni participate in the mock interview to guide the current students with reference to technical knowledge, managerial and human skills.

3. **Deeksharambh:** Various online/offline sessions organized in Deeksharambh, an induction program for newly admitted students to usher in terms of skills required by the industry and what should be the conduct of students in these four years.
4. **Curriculum Design:** Alumni participate regularly in the upgradation of the university curriculum.
5. **Job referring program:** JUET Alumni Association receives an ample number of jobs referred by the alumni shared on the university alumni portal/Linkedin page for experienced candidates as well as freshers.
6. **Alumni Get-Together/Alumni Meet:** This is a casual event in which alumni of one batch used to share their journey, experience and events related to university and professional life to juniors of each engineering department.

File Description	Documents
Upload relevant supporting document	**View File**

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

File Description	Documents
Upload relevant supporting document	**View File**

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

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".

Vision-"Playing a pivotal role to enable the country and state of Madhya Pradesh, in particular, in developing highcaliber trained manpower in the frontier areas of Technologies".

The following are the points to reflect University as a 'Centre of Excellence' as stated in Mission and Vision:

1. In Jul 2021, the university was declared as a Green Champion by the Ministry of Education, India.
2. 50+ companies offered packages above 6 Lakhs PA CTC. The overall placement percentage is 148%. 84 Students are placed in more than one company.
3. The University has established Institution Innovation Council(IIC) as per the norms of the Ministry of Education, India.
4. The officials of the University interact with stakeholders i.e. Students, Alumni, Parents, Industry, and Employees and

take their feedback about Curriculum design, detailed syllabi, Logical sequence of courses, Evaluation Criteria.

5. The University strengthens the culture of excellence at all levels by conducting various workshops, short term courses, faculty development programmes etc. to update employees in the recent trends in teaching, learning and other professional needs.

File Description	Documents
Upload relevant supporting document	**View File**

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

The University policy is to promote decentralization and participative management practices through educational and administrative autonomy. Various stakeholders are involved in decision making like Faculties, staff and students. COVID-19 pandemic has plunged the world to drastically reinvent ways of coping with the 'new normal'. Thus the immediate and effective response of the university to the crisis was to go digital using robust online platforms like GSUITE, Acadly and Mettl to conduct exams and regular classes to offer continuity in learning. The University promotes the culture of participative Management at all activities i.e. Administration, Admission, Student Activities, Curriculum Development, etc. The University has given equal representation to all the stakeholders in various committees at all levels.

In order to have structured development of the University with a view to addressing knowledge advancements, changing needs, shortcomings and outreach expansion, a grievance redressal mechanism is in place. Departmental meetings are regularly held for allocation of courses and for academic progress. HOD meetings with Deans and Vice Chancellor are organized to discuss the department and University level issues, planning of new programmes, attendance, extra and co-curricular activities, etc. The University also ensures regular meetings of statutory bodies. The details of the various Committees are uploaded for reference.

File Description	Documents
Upload relevant supporting document	**View File**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society.

Following Major areas are covered in the plan as mentioned below:

1. Academics (Value added courses)
2. Co-curricular activities
3. Administration
4. Research

One successfully implemented activity based on the strategic plan:
We are focused to train students for market driven requirements so
in order to inculcate awareness of demand and supply, ethics,
moral values, and implementing it through professional
communication the following skill based and value added courses
are offered in B.Tech Programme:

1. Professional Communication Practice (21B19HS399)
2. Life Skills and Effective communication (21B11HS211)
3. Research and Publication Ethics (21PGGE203)
4. Concepts of Economics (21B14HS547)
5. Concepts of Marketing Management (21B14HS641)
6. Concepts of Financial Management (21B14HS642)

File Description	Documents
Upload relevant supporting document	**View File**

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

The key components of organizational structure of the university
are Sponsoring Body (Jaiprakash Sewa Sansthan) Regulatory
commission, Chancellor, Vice Chancellor, Board of Management,
Academic Council, Registrar, Dean, Head of the Departments,
Teaching staff, Non-teaching staff and Support cells/Departments.
It reviews the university strategic plan which in turn sets the
academic aims and objectives of the university and identifies the
financial and recruitment strategies. The organizational structure
lends itself to sustaining institutional capacity and educational
effectiveness through the involvement of external members in
various Committees/ Boards. Various stakeholders of the institute
are members of different committees constituted by the
institution. The decision-making procedures are made at
appropriate levels in the organizational hierarchy. The
appointment policies are effectively visible through appointment
letters containing service rules of teaching and non teaching
staff members. The university has effective and well eastablished
administrative setup which is clearly visible through all the
levels of organisational hierarchy shown in the organogram. The
policies regarding CL and others are also enclosed for the
reference.

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

File Description	Documents

Upload relevant supporting document	**View File**

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	**View File**
Upload relevant supporting document	**View File**

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

1. **JUET has a robust performance appraisal system in accordance with UGC Norms. Every year each faculty member fills Appraisal form that is evaluated by Dean and Vice Chancellor. based on the performance interview for promotions are held as per UGC norms.The University has implemented enhanced pay structure for its employees. The pay structure at JUET, Guna includes Basic Pay, Dearness Allowance, EPF Management Share, Conveyance Allowance, Medical Allowance, HRA, and soft furnishing Allowance & special allowance.**
2. **Jaypee University of Engineering & Technology also offers other benefits to its faculty members. These are Gratuity, Leave Encashment, LTC, Group Medical Insurance.**
3. **Accommodation facilities for staff and faculty members are provided inside the campus and free electricity to some extent is also provided to them.**

File Description	Documents
Upload relevant supporting document	**View File**

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

0

File Description	Documents
Upload the data template	**No File Uploaded**
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

17	
File Description	**Documents**
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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)

35	
File Description	**Documents**
Upload the data template	**View File**
Upload relevant supporting document	**View File**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The University has a Board of Management which plans, controls and monitors the financial resources of the University. There is no Finance Committee as per private University Committee act of Madhya Pradesh and all its issues are guided by the Board of Management (BOM) as per our statutes. Every year departments submit an annual budget for their activities. The BOM reviews the budgets submitted and allocates the required funds. The University also allocates sufficient budgetary provisions to conduct various academic activities to organize quality programme such as seminars, conferences and guest lecturers to fulfill the University's mission. The annual financial audit ensures effective utilization of available funds. Copies of audited results are sent regularly to the BOM and concerned authorities. Resource mobilization is carried out by following means:

- Students Fees and Overhead Charges for Research grants.
- Interest on corpus.

Optimum utilization of funds is ensured through:-

- Adequate funds are allocated for effective teaching-learning practices.
- Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.
- Requisite funds are utilized every year for enhancement of library facilities.
- Adequate funds are utilized for development and maintenance of infrastructure.

File Description	Documents

| Upload relevant supporting document | [View File](#) |

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	No File Uploaded
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)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

JUET, Guna regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits. But this year internal audits could not be conducted due to Covid- 19 pandemic situation. The external audit report with counter sign of Chartered Accountant of the university is also attached.

Dass Gupta and Associates conducts statutory audit covering all financial and accounting activities of the Institute. This includes scrutiny of the following:

(a) All receipts from fee, donations, grants, contributions, interest earned and returns on investments;

(b) All payments to staff, vendors, contractors, students and other service providers.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the university. During the post-accreditation period, the IQAC is

aimed to channelize all efforts and measures of the university towards promoting its academic and administrative excellence. IQAC has contributed significantly for inculcating the quality assurance strategies and processes, the following two practices are the results of IQAC initiatives:-

University Recognitions/Collaborations:

Recognitions/Collaborations reported to IQAC-

- **JUET, Guna is a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution.**
- **The University established Institution Innovation Council (IIC) as per the norms ofØ Innovation Cell, Ministry of Education, India.**
- **The University is the authorized nodal center to conduct online courses offered by IIRS-ISRO Dehradun under the IIRS Outreach Programme. It is the network institute of IIRS/ISRO Outreach network.**
- **JUET is now a participant in Unnat Bharat Abhiyan of MoE, Govt. of India.**
- **JUET has established as SWAYAM - NPTEL Local Chapter.**
- **Based on performance of participants from JUET on Code Chef Coding Platform for Long Challenges, JUET is ranked 20th in India. [www.scriptguru.org (as on March 05, 2021)]**

File Description	Documents
Upload relevant supporting document	**View File**

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)	D. Any 2 of the above

File Description	Documents
Upload the data template	**View File**
Upload relevant supporting documnent	**View File**

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)

A number of post accreditation quality improvements have been taken during the year:

1. Establishment of Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of Education, Govt. of India during IIC Calendar year 2020-21.
2. Association with NPTEL and Jaypee University Of Engineering And Technology, Guna is selected as Nodal center of Swayam courses.
3. Skill Based Education under NEP- Value added courses.
4. 5 MoUs with National Universities and Organisations [https://www.juet.ac.in/ConfWorkshop/MOU/MOUHome.php]
5. 3 MoUs with International Universities and Organisations : [https://www.juet.ac.in/ConfWorkshop/MOU/MOUHome.php]
6. Jaypee University of Engineering and Technology, Guna is the Nodal Centre of Virtual Labs, IIT Delhi. It is an initiative of Ministry of Human Resource and Development (MHRD), Government of India under the National Mission on Education through Information and Communication Technology (NMEICT). [https://www.education.gov.in/en/ict-initiatives]
7. The university is the authorized nodal center to conduct online courses offered by IIRS-ISRO Dehradun under the IIRS Outreach Programme. It is the network institute of IIRS/ISRO Outreach network. [https://www.juet.ac.in/ConfWorkshop/MOU/JUETIIRS.php]
8. Swachh Bharat Mission- JUET has been awarded 'Green Champion' Award by Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Govt. of India
9. Unnat Bharat Abhiyan : https://www.juet.ac.in/UBA/UBAHome.php

File Description	Documents
Upload relevant supporting document	**View File**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Jaypee University of Engineering and Technology, Guna, believes in equal status for both males and females on account of which it always accords utmost priority towards the promotion of gender equity. It is evident from the various awareness activities like webinars, workshops, competitions, counseling sessions etc organized by the gender sensitization committee. Few events which were held in the previous academic year are as follows:

S.No.

Name of the Event/Activity

Date

Total No. of Participants

1

Article Writing Competition on Cyber bullying and how to stand against harassment

November 9 - 30, 2020

50

2

Workshop on Digital education for rural women

December 26, 2020

40+

3

Webinar series to celebrate International Women day

March 6 – 13, 2021

182

For the safety and security of the girls students, following facilities are in place in the campus round the clock:

1. **Separate girls' hostel.**
2. **Security personnel is available at the gate of the girls' hostel and no male is allowed to enter the hostel.**
3. **All the girls are required to be in their hostel latest by 9:30 pm which is ensured by taking attendance on a daily basis.**
4. **There is a facility of counselling room and day care center for the women.**

File Description	Documents
Upload relevant supporting document	**View File**
Annual gender sensitization action plan(s)	**https://www.juet.ac.in/NAAC/AQAR2020-21/7.1.1-AGSActionPlan.pdf**
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	**https://www.juet.ac.in/NAAC/AQAR2020-21/7.1.1-WomenSecuirty.pdf**

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	**C. Any 2 of the above**

File Description	Documents
Upload relevant supporting document	**View File**

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

1. Solid waste management: The garbage collected from the university (Annapurna & Residences) is segregated into wet and dry garbage. Wet garbage is then utilized in the preparation of organic manure which is subsequently used in the cultivation of vegetables in the university premises.

2. Liquid waste management: There is a dedicated Sewerage treatment plant in the university campus that treats the waste water discharged from the various sources following which it is utilized for horticultural activities in order to maintain a lush green campus. The sludge from the sewerage treatment plant is further employed in the preparation of organic manure.

3. Biomedical waste management: There is as such no biomedical waste generated in the campus.

4. E-waste management: University students are encouraged to use the e-waste from computers, electronic devices etc in their projects. Students of ECE department are also instrumental in collecting e-waste from the residences of faculty and staff; segregating it as per the usability of the components. But, in the last academic year owing to COVID19 and hence the non-availability of students in the campus, the students could not use e-waste in their projects. The university also has the policy to give away e-waste (accumulated over a period of time) to the firms that are involved in the treatment of such waste.

5. Waste recycling system: The university does not perform any treatment operation to recycle the waste. Instead, the management of solid waste and liquid waste is done in the campus.

6. Hazardous chemicals and radioactive waste management: The university does not generate any hazardous chemicals and radioactive waste

File Description	Documents
Upload relevant supporting document	**View File**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	**View File**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	**View File**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**C. Any 2 of the above**

File Description	Documents
Upload relevant supporting document	**View File**

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. Any 3 of the above**

File Description	Documents
Upload relevant supporting document	**View File**

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 and Technology, Guna, always puts emphasis on culture preservation, regional awareness, communal harmony and socio-economic development activities. This objective is met through the organization of a plethora of activities by various student committees and departments of the university. All these activities act as a facilitator in providing an inclusive environment in the campus. The details of such activities held in the last academic year are mentioned in the table given below:

(a) Online Mode:

S.No.

Name of the Event/Activity

Date

Total No. of Participants

1

Student Induction Program

September 21 – 30, 2020

350

2

Christmas and New Year

December 25 – 31, 2020

15+

(b) Physical Mode

S.No.

Name of the Event/Activity

Date

Total No. of Participants

1

Navratri

October 17 – 24, 2020

200+

2

Diwali Pooja

November 14, 2020

40

3

Promotion of Hindi Language

February 10, 2021

5

4

Saraswati Puja

February 16, 2021

40 – 50

5

Mahashivratri

March 11, 2021

80+

6

Holika Dahan

March 28, 2021

50

File Description	Documents
Upload relevant supporting document	**View File**

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

The university in addition to imparting quality education to the students also holds a major responsibility of instilling moral values in the students so that they become good citizens of our country and contribute immensely towards nation-building. The university sensitized the students and employees towards the duties and responsibilities of an individual laid down in the constitution by celebrating Constitution day on November 26, 2020. It is in line with the notification issued by the Ministry of Social Justice and Empowerment on November 19, 2015 to commemorate

26th day of November every year as 'Constitution Day' to promote Constitution values among citizens. On this day, the preamble which is the guiding spirit of our Constitution and the country was read out by the students and faculty members of JUET, Guna in all the online classes and took a pledge to sincerely fulfill all the fundamental duties for the progress of the nation. The university also celebrates Republic day, Independence Day, and Gandhi Jayanti every year, the occasions which remind students of the supreme sacrifice made by our freedom fighters for their motherland and the importance of the constitution in everybody's day-to-day life.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized	Any 3 of the above

File Description	Documents
Upload relevant supporting document	**View File**

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

Jaypee University of Engineering and Technology, Guna, celebrates the below mentioned events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders.

Gandhi Jayanti: was celebrated on October 2, 2020 to understand the ideology of the father of the nation Mahatma Gandhi wherein pledge was taken by students and staff.

Vigilance Awareness Week: The university observed vigilance awareness week from October 27, 2020to November 2, 2020 to make people more vigilant.

Constitution Day: was celebrated on November 26, 2020 to make everybody aware about their fundamental rights and duties.

Republic day- was celebrated on January 26, 2021 commemorating the adoption of the Indian constitution and spreading the message that India is the largest democratic country in the world.

National Science Day: was celebrated from February 28, 2021 to March 6, 2021 with the theme 'Science Technology and Innovation Policy: Effect on education and skill'.

International Women Day: was observed on March 8, 2021 to highlight the social, economic, cultural, and political achievements of women.

International Yoga Day was celebrated on June 21, 2021. The yoga Instructor organized the yoga camp in an online mode to make everyone aware on how Yoga embodies unity of mind and body; thought and action; restraint and fulfillment.

Independence Day was celebrated on August 15, 2021 and flag hoisting is done to mark the freedom of India from British rule.

File Description	Documents
Upload relevant supporting document	**View File**

7.2 - Best Practices

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

1. Title of the Practice: Online teaching pedagogy and effective engagement of students through virtual mode.

2. Objectives of the Practice: To develop an effective online teaching learning mechanism thus enabling students to understand thoroughly the concepts and utility of the subject in the particular area of engineering at par with the physical class-room teaching.

3. The Context: This practice of online teaching and keeping students occupied was the need of the hour to combat the unprecedented challenges posed by COVID 19 during AY: 2020 – 21, the time when students were forced to stay at their homes.

4. The Practice: Following methods were adopted to realize this practice:

- G-suite, a user friendly interface, was used to conduct online classes seamlessly throughout the AY: 2020 – 21.
- Constitution of a committee to monitor the efficacy of online teaching delivery.
- Conduct of online examinations on Mettl platform in proctored mode.
- Regular counselling of students by their respective mentors to ensure their safety and well-being.
- Organization of Online alumni meets and webinars.

5. Evidence of Success: Following outcomes ensured the success of this practice:

- Excellent placement of the final year students.
- Negligible dropout rate.
- Active participation of students in the online alumni meets and webinars.
- Positive feedback was received from the students regarding the online teaching system.

6. Problems Encountered and Resources Required

The interaction with the students is imperative for the effective teaching learning process, the level of which was found to be quite low compared to the physical classroom teaching which subsequently made the faculty's job arduous to award reasonably fair internal marks to the students.

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)

The university always accords top priority to the clean and green environment in the campus and considers it as a prerequisite for students, faculty and staff to perform well in their academic and administrative duties, respectively. Apart from this, the university has also been persistently working for the social welfare of the people living in the nearby areas for which we were certified as a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution by Mahatma Gandhi National Council of Rural Education under Ministry of Education. The University successfully framed the SES REC action plan and constituted ten working groups for improving facilities in the campus and the community/adopted villages in the areas of Sanitation & hygiene, Waste management, Water management, Energy conservation and Greenery. The university's Swachhta committee monitors and implements the best practices in the fields of waste management (solid and water) and greenery management within the campus. Our relentless efforts towards maintaining pollution free environment were recognized by the District administration, Guna and we were felicitated with the "District Green Champion" certificate for entire Guna district for A.Y.2020-21.

7.3.2 - Plan of action for the next academic year

1. The university understands the importance of constitutional duties by which every citizen of India should abide by. In order to make students aware of the constitution of India, the university would offer an audit course on the Indian constitution from the next academic year.
2. The university emphasizes upon the deep-rooted human values in the students, as it plays a vital role in the students' professional careers. In this context, seminars on Human values will be organized in the upcoming academic session.
3. In a bid to encourage undergraduate students to pursue research, it will be made mandatory to publish a research paper out of a minor project done over two consecutive semesters in the third year.
4. This academic year, due to COVID 19, the faculty and students could not visit nearby villages to organize environmental awareness campaigns which would be accomplished with greater zealin the next academic year.