



YEARLY STATUS REPORT - 2023-2024

| Part A | |
|--|---|
| Data of the Institution | |
| 1.Name of the Institution | Jaypee University of Information Technology |
| • Name of the Head of the institution | Prof.Rajendra Kumar Sharma |
| • Designation | Vice Chancellor |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 1792239201 |
| • Mobile no | 9872202705 |
| • Registered e-mail | rk.sharma@juitsolan.in |
| • Alternate e-mail address | rk.sharma@juit.ac.in |
| • City/Town | Solan |
| • State/UT | Himachal Pradesh |
| • Pin Code | 173234 |
| 2.Institutional status | |
| • University | Private |
| • Type of Institution | Co-education |
| • Location | Rural |

| | | | | | |
|---|---|----------------|-----------------------------|---------------|-------------|
| • Name of the IQAC Co-ordinator/Director | Prof Sunil Kumar Khah | | | | |
| • Phone no./Alternate phone no | 01792239221 | | | | |
| • Mobile | 9816975754 | | | | |
| • IQAC e-mail address | juitiqac@mail.juit.ac.in | | | | |
| • Alternate Email address | sunil.khah@juitsolan.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year)) | https://www.juit.ac.in/AQARIOAC | | | | |
| 4.Whether Academic Calendar prepared during the year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.juit.ac.in/academic-calendar | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | B | 2.63 | 2011 | 16/10/2011 | 15/09/2016 |
| Cycle 2 | B+ | 2.66 | 2017 | 30/10/2017 | 29/10/2022 |
| Cycle 3 | A+ | 3.40 | 2024 | 25/04/2024 | 24/04/2029 |
| 6.Date of Establishment of IQAC | 05/09/2016 | | | | |
| 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 | |
| Nil | Nil | Nil | Nil | Nil | |
| 8.Whether composition of IQAC as per latest NAAC guidelines | Nil | | | | |
| • Upload latest notification of formation of IQAC | View File | | | | |
| 9.No. of IQAC meetings held during the year | 3 | | | | |
| • The minutes of IQAC meeting and compliance to the decisions have been | Yes | | | | |

| | |
|---|---|
| uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) | |
| <ul style="list-style-type: none"> (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 |
| <ul style="list-style-type: none"> If yes, mention the amount | |
| 11. Significant contributions made by IQAC during the current year (maximum five bullets) | |
| <p>1. IQAC conducted NAAC accreditation of university for third cycle 2. New specialized branches stated in 2023 3. Collaborative research given more weightage</p> | |
| 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 |
| <p>1. IQAC conducted NAAC accreditation of university for third cycle 2. New specialized branches stated in 2023 3. Collaborative research given more weightage</p> | <p>NAAC graded A+ in 3rd Cycle. Data Science, BBA introduced</p> |
| 13. Whether the AQAR was placed before statutory body? | No |
| <ul style="list-style-type: none"> 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

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

16. Multidisciplinary / interdisciplinary

The Management of the University has accorded approval for implementation of NEP-2020 at the University. Considering the provisions given in the NEP-2020, various Task Forces have been formed and assigned with the task of outlining the strategy of implementation of NEP-2020. The NEP Task Force - 2 has been assigned the task of identifying strategy plans for "University - Holistic Multi-disciplinary Institution of Higher Learning" and "Integrated Education System". In order to develop the all-round capacities of the students, Intellectual, Aesthetic, Social, Physical, Emotional and Moral in an integrated manner, Task Force - 2 has identified following aspects for implementation in a phased manner.

Introduction of online Certificate Courses. Introduction of Vocational Courses in consultation with ITIs and Polytechnics as per the need of the industry. Introduction of BBA program. Programs on Yoga, Wellness and Naturopathy, EQ and Art of Living. Introduction of online Certificate and Diploma programs on soft skills and Language Proficiencies. Introduction of Interdisciplinary PG+ PhD Programs. Establishment of School / Department of Liberal Arts. Although as per existing curriculum and academic regulations, students are having sufficient opportunities for selection of multiinterdisciplinary elective courses offered by various departments. Along with the provisions of choosing departmental electives, students are having full freedom to choose courses out of the Open Elective Courses offered by varied departments. The existing system permits students flexibility of choice-based credit system from multiinterdisciplinary elective courses. The concept of Major and interdisciplinary minor specialization is already in place as per existing academic ordinances. Students desirous of opting interdisciplinary minor specialization have the liberty to choose their minor specialization by earning 20 additional credits. The measures to decide proficiency of their chosen field is also available for the students. Students have to identify their proficiency area and can opt of the desired proficiency. In order to implement the principle of STEM (Science, Technology, Engineering and Mathematics) integration of Humanities and Social Sciences have been worked out and Department of Humanities and Social Science is floating Proficiency Courses from the department for BTech students. Implementation of Integrated Education System is not possible

without implementation of Academic Bank of Credits (ABC). In order to provide seamless facilities of multiple entry and multiple exit and collaboration of Universities for switching from one program to other on the conclusion of 1st, 2nd, 3rd & 4th Year, University has already registered on ABC Portal and students admitted during the academic session 2021 and 2022 have been asked to register on ABC portal and get their ABC ID to facilitate accumulation/redeeming/transfer of credits as per their choice of program / specialization and Academic Institutions. The provisions of opting for online courses offered under the Ministry of Human Resource Development (MHRD) like SWAYAM, NPTEL, etc. for added credits are also available for students to choose courses as per their area of interest In addition to above, University is heading towards implementation of Curriculum and Credit Framework for Undergraduate Programmes prepared by Expert Committee and suggested by University Grants Commission (UGC) vide Public Notice No. F.No.1-1/2021(QIP)(CBCS) dated 12 December 2022.

17.Academic bank of credits (ABC):

As per National Education Policy 2020, Jaypee University of information Technology, Waknaghat has registered with the MHRD for Academic Bank of Credit and has started its preparation to establish the virtual mechanism termed as "Academic Bank of Credits (ABC)" to deal with the credits earned by the students of higher education. The primary role of our university would to facilitate the academic mobility of students with appropriate freedom to study across the higher education institutions in the country by the inherit mechanism of "credit transfer".The university will shortly apply for its registration with its modality on Academic Bank of Credits for depositing the earned credits in an authorized way into the student's accounts. The university is already following the SWAYAM, NPTEL, V-Lab etc. which are eligible to avail the facilities provided by Academic Bank of Credit. The model would certainly be in line with the guidelines recognized by the University Grants Commission (UGC). The credits earned by the students will carry a validity of 7 years unless otherwise specified for that particular course; and upon the end of the validity period these credits will expire. The scheme will include all kinds of courses offered by the university which are recognised by the University Grants Commission (UGC), be it a graduation course, postgraduate course, PhD courses, certificate courses, etc. This will be in accordance with the concept of multiple entry and multiple exits. The university would ensure to lodge and maintain the integrity of the credits by maintaining the authenticity and confidentiality of student credits. The university would also take care of transparency to build a more

flexible curriculum design and development.

18.Skill development:

The implementation of NEP-2020 has marked a revolutionary shift by emphasizing on skill based education. In order to develop the skills of the students and to enhance the employability, various departmental and open elective/proficiency are being run in the undergraduate programme. A action plan of NEP is to be implemented in JUIT, it is proposed to start a certificate course (Industry Professionals) and proficiency in Tunnel Engineering this year. Various new open are planned to be offered this year. A proposal will be drafted and collaboration opportunities will be explored to establish the laboratories for 3D machining and printing in coming years. A Centre of excellence in robotics and 3D machines will be developed in the future. MOOC NPTEL courses have been offered to students and this practice will be continued in the future. Google meet has been well in practice since the mandatory online classes were run at Covid-19 time in 2020. The Moodle platform has also started in 2022 in parallel to manage course content, important announcements, conducting quizzes etc. MoU with Coursera / LinkedIn is to be planned by the end of this year. The future plans include:

- To work on framing the policy related to new courses.
- To start working on the development of hybrid course curriculum with industry partner
- Start online education program
- Developing own online teaching platform

Digital contents will be created for different courses by the end of year 2023. In coming years, faculty members will be nominated for developing their web pages and creating the digital content of the courses. Departmental digital repositories for various courses and page 12 / 126 research will also be developed in the future. Presently, the students are made to perform virtual labs pertaining to various lab courses and this practice will be continued in coming years as well. Virtual lab workshops and training will be organized for both faculty and lab staff at least once in a year. Faculty members will also be engaged in developing digital infrastructure for knowledge sharing. Blended learning is a multidimensional approach to teaching-learning and the term is given to the educational practice of combining digital learning tools with more traditional classroom face to face teaching. JUIT has all the required IT literacy, Internet and ICT infrastructure for implementing blended learning. Some of the activities are planned in the coming years. In the coming years Project based learning will be implemented. Minor projects in each laboratory subject have been implemented from odd semester 2022. It is also proposed to give training to faculty members regarding teaching techniques once in a year and industrial visit of students once in a year, to conduct two

webinar session every semester for any elective subject with selected advanced topics from expert from academia/Industry, to conduct training session/workshops one each semester on advance topic of research and to work on developing open distance learning (ODL) Master degree programme in each department in blended mode.

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

The vision of JUIT is - "To become a Centre of Excellence in the field of IT and related emerging areas in education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management". Thus, JUIT strongly endeavours to create responsible and value laden professional citizens. Several creditbased courses such as - Life Skills, Interpersonal Dynamics Value and Ethics, Understanding India through Literary Reflections help inculcate values and principles related to - gender equity, tolerance, cultural respect, professional ethics etc. The pedagogy adopted also helps strengthen the same. Class discussions, case studies and peer-based evaluation and exercise also help build a sense of responsibility. Other subjects particularly offered by Department of Humanities and social sciences such as strategic management, human resource management and entrepreneurship also touch several issues of similar nature. Work pace etiquette, gender sensitization, woman leaders, managers and entrepreneurs, work life balance are integral concepts to such courses. Several contemporary issues and events that through light on such issues are a part of class discussion which helps build a value orientation amongst students. Additionally, several committees are in place such as Gender Champion Club, Caste Based Discrimination Committee, Internal complaint committee which undertake several workshops, seminars and webinars etc on a continuous basis to address and inculcate valuebased education and professional ethics. The induction program for the incoming batch also invites speakers and includes activities that help bring attention to human value. Several academic projects are undertaken which mean to address community concern and offer solutions by use of modern-day technology that improves the quality of life.

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

The evaluation system at JUIT is structured and transparent in design. Ordinances, rules and regulation as well as penalties for unfair means are available at university website and can be freely accessed by students. Registrar office help desks, examination cell and faculty members are forthcoming to guide students regarding

their progress and any exam related issue. Slow learners are also paid attention too. They can drop some subjects for the semester at a given point of time to lessen their load and several opportunities are provided such as - semester extension in degree completion, summer semester and pursuing it in the next year as a backlog subject. The provision of makeup exam is also present in each semester and schedule provided in academic calendar. The purpose is to address concerns of students who missed their exam for any medical or any genuine issue. Similarly, supplementary exams are also scheduled to provide students with additional opportunity to clear the course in a proper frame of time itself. The academic calendar provides information on the schedule of examinations. In a semester which spreads across 20 weeks generally several points of evaluation occur such as - Test 1, Test2 and Test 3, Practical exam 1 and Practical exam 2. Besides, the component of Internal assessment for both theory and practical courses includes several evaluated sessions which are undertaken to continuously monitor student performance and provide them opportunities to improve their score and performance. A further step is the newly introduced policy for -One Project (small/large) based evaluation with every lab course, 30%-50% Lab Evaluation through project. Also, an Inhouse Moderation Committee for question papers is in place to foresee the quality of question papers.

21.Distance education/online education:

Introducing the latest technology in an educational institution is important and improves the teaching and learning quality of education. Using the latest technology helps teachers to realize a number of important goals, including better-involving students in an active learning environment. Also, the involvement of the latest technology in the education sector boost the teaching and learning capability and equip the learner and educator with better skill to integrate. In today's digital world, there is an urgent need to learn virtual platforms thoroughly because of the massive use of those platforms in our lives. It also saves our time and as well as money. For the working professional, it is not easy to take leave from the office and hence distance education/online education plays a significant role. To promote the uses of online teaching, JUIT management emphasis on the uses of on-line teaching Platforms and tools like SWAYAM, DIKSHA, etc as much as possible. At present, a number of a platform like Massive open online courses (MOOCs), Swayam etc. are available for online learning and these are free online courses available for students to enroll. Online education affects the way that the learning course of a student is made easier due to familiarity with the online world. Finding and learning from

resources that are not available at hand but from computer-generated platforms proves to be quite helpful for a student. Furthermore, JUIT is planning to develop its own online teaching platform and also trying to develop an active MOU with online course provider like Coursera. The mandate of the university is to create digital Repositories of course content and dissemination of the same, in the same line each department will send a proposal for content creation at MOOCS, NPTEL, etc and all faculties will develop their webpage and create the content of the subject. Similarly, the entire department will develop their own web pages having all the content (departmental digital library & repository for Research and development). University also working on the framing of policy related to new courses and the development of the related online platform. To improve teaching practices JUIT is working on the development of AI based adaptive learning platform and is inclined towards project-based learning. University is very positive to initiate the open distance learning (ODL) Master's degree Programme in each Department in blended mode. At Present, the students are given exposure to online virtual labs platforms available at IIT Delhi and IIT Roorkee and this practice will be continued in the coming years as well.

Extended Profile

1.Programme

| | |
|---|----|
| 1.1 | 17 |
| Number of programmes offered during the year: | |

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

| | |
|--|---|
| 1.2 | 7 |
| Number of departments offering academic programmes | |

2.Student

| | |
|------------------------------------|------|
| 2.1 | 1938 |
| Number of students during the year | |

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

| | |
|---|---------------------------|
| 2.2 | 477 |
| Number of outgoing / final year students during the year: | |
| File Description | Documents |
| Data Template | View File |
| 2.3 | 3540 |
| Number of students appeared in the University examination during the year | |
| File Description | Documents |
| Data Template | View File |
| 2.4 | 0 |
| Number of revaluation applications during the year | |
| 3.Academic | |
| 3.1 | 512 |
| Number of courses in all Programmes during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.2 | 102 |
| Number of full time teachers during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.3 | 107 |
| Number of sanctioned posts during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.Institution | |

| | |
|--|---------------------------|
| 4.1 | 14685 |
| Number of eligible applications received for admissions to all the Programmes during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.2 | 365 |
| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.3 | 32 |
| Total number of classrooms and seminar halls | |
| 4.4 | 889 |
| Total number of computers in the campus for academic purpose | |
| 4.5 | 2714.15 |
| Total expenditure excluding salary during the year (INR in lakhs) | |
| 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 | |
| <p>JUIT has been developed as a modern world-class campus, with an intellectually vibrant ambiance in a serene and lush green environment. Different departments broadly follow 12 Programme Objectives (POs) adopted from the National Board of Accreditation (NBA). Keeping all these POs in consideration, departments define their Programme Specific Objectives (PSOs), which match the program's specific requirements. All the subjects that are being offered in the program, across all the semesters, must have its Course Objectives (COs) in such a way that these COs are mapped with</p> | |

the POs and PSOs of the concerned program of the department. While mapping the COs with POs and PSOs there are three levels of mapping, ranging from 3 to 1 (3 highest and 1 lowest). After the examinations, once the result of the given course is compiled, then the level of attainment of COs is calculated as: If more than 80% of students secure more than 50% marks in the questions related to that CO, the level of CO attainment for the given question is 3, if more than 70%-80% , the level is 2, If 60%-70% , the level is 1, if less than 60% the level of attainment will be considered 0.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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

14

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

190

| 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

190

| 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

17

| 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 University has incorporated courses such as Environmental Studies , Interpersonal Dynamics Values and Ethics and Human rights for Technocrats that incorporate aspects Environment and Sustainability; Human values; Ethics; and Psychological perspectives related to emotional intelligence, self and personality. With reference to the Environment and Sustainability, the exposure to the course on Environment facilitates students to understand the terms definitions and scope of the environmental issues at local, regional and global level with emphasis on needs for conservation of energy and environment. The core course entitled Interpersonal Dynamics Values and Ethics, UHV and Human rights for Technocrats are designed to facilitate students in understanding the interplay between, psychological, ethical and economic principles in governing human behavior. The course is designed to help the students to understand the basic principles and acquaint them with the major perspectives in psychology of human mind and behavior and to provide an understanding about the how ethical principles and values serve as a guide to behavior on a personal level and within professions. These courses are taught to the students across all the programmes.

| 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**17**

| 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****29**

| 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**1208**

| 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**

774

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

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**

130

| 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 students and organises special Programmes for advanced learners and slow learners

JUIT ensures that students receive academic, emotional, professional and personal support from the time they join the University. The following methods are adopted to make sure that the needs of both slow and advanced learners are fulfilled:

1. The newly admitted students are sensitized to the curriculum offered through Choice Based Credit System & Outcome-Based Education during admission as well as during the induction programme by individual departments and by the office of the Dean of Students.

2. The Student Mentoring Programme: Herein, we assess the learning levels of both the advanced and slow learners. Weak students having CGPA of less than five are identified and segregated department-wise. The concerned department assigns faculty mentors who guides the student regarding clearing their backlog courses and earning remaining credits. The mentoring sessions are regularly conducted and documented during the semester.

3. Remedial classes/Diagnostic test: Basic English course is offered to students who require to be more proficient in English. Basic Mathematics is offered to the non-mathematics stream students of BTech. in the Biotechnology/Bioinformatics programme.

4. Extra classes and labs:

5. Career & Psychological Counselling:

6. Mock interviews:

7. Extra course credits:

8. Advanced learners are also encouraged to choose student exchange programs/summer programs at National/International Institutions.

9. Expert Lectures by Visiting Fellow/Adjunct Faculty/Student Programs are regularly arranged to motivate both the slow and advanced learners.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link For Additional Information | https://www.juit.ac.in/student-counsellor |

2.2.2 - Student - Full time teacher ratio during the year

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1938 | 102 |

| 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

JUIT adheres to the principle that student-centred approaches should be followed wherever possible. Even the course outlines specify the expected outcome of the course and the levels of attainment like familiarity, assessment and usage. Activities such as Role Plays, Group Projects, Debates, Seminars, Quizzes, and Case Studies are used for teaching various concepts. Similarly, Project work, Field Visits, Industrial Tours, and Guest Lectures are all examples of teaching strategies that are followed to put the focus on the students. Students are given smaller projects to work on as part of their curriculum, which provides them with a broader perspective on the subject and encourages participative learning practices among them. Learning through Projects in workshop mode by DIY (Do It Yourself) has been an essential component of the educational program. The following practices are primarily used as a part of the Student-Centric approach:

Experiential Learning; Engagement in Project Works, Industrial Visits and participation in various activities are some core examples of experiential learning that are being followed in JUIT.

Participative Learning: Group Discussion, Team Work, Role Play, and Case Studies are examples of this teaching method that are actively followed by the faculty members.

Problem Solving: It primarily includes Research-Based Projects, Case Studies and Joint Projects. The students in JUIT are encouraged to take these activities.

| 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

JUIT uses online resources and ICT-enabled tools like Board & Duster to improve teaching and learning. ICT-enabled classrooms with LCD projectors, Wi-Fi, software, and teacher-created PowerPoint presentations give pupils cutting-edge information and practical learning. The labs have MS Office, Matlab, Python, Xilinx, Window 7 Professional & Window 11 Professional, Geo 5, NI Lab View Academic

Site, SPSS, Clarity Digital Multimedia, Sophos Antivirus, and Auto CAD.

Wi-Fi campus access lets students complete research and project work from home. Every classroom has a projector for new pedagogies. Faculty and students utilise Webkiosk and Google suit for online learning and group email for efficient communication and information distribution.

JUIT's learning management is also available on Moodle to promote ICT in teaching and learning. At this site, faculty coordinators tag all students registered in the current semester's courses and update lecture notes, video links, and other study resources. Accessing study resources is easy since students can log in anywhere. The faculty uses different methods depending on the subject and student needs. They use teacher-centered lectures and interactive, team-based, ICT-enabled methods like Microsoft Teams and Google Classroom.

Apart from teaching-learning, JUIT's LRC (Learning Resource Centre) has enough e-resources such e-books, e-journals, databases, emagazines, and more to meet students' needs.

The "Online Education Cell" also managed ongoing online activities and planned for the future.

| 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

93

| 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

102

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
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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

92

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
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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

9.04

| 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

9

| 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

4.5

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

4.5

| 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 | View File |

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

The three-tiered examination system and continuous evaluation system at JUIT are well-established, systematic, and very effective, with multiple assessments opportunities given throughout each semester. The "Campus Lynx" IRP system (popularly called as "Webkiosk") is very modular and expandable. The technical innovations that JUIT has implemented in its examination system are supported by this platform. Camus Lynx (Webkiosk) provides expert management for the entire procedure, from accepting applications to tracking students' progress and graduation. The University Examination Cell is using IRP to preserve transparency, correctness, and mass data management in the standardised automated process relating to the administration of examinations, the declaration of results, and awarding of degrees.

With the help of IRP and other forms of IT integration, the entire examination procedure has been brought up to date and sped up. Students, parents, teachers, and administrators can all benefit from using the IRP system.

The following examination-related tasks are administered via the IRP system:

A thorough academic calendar that includes crucial dates for the execution of University examinations is produced and displayed well before the commencement of academic year.

Both parents and students are given a unique login ID. Through the university site, parents may keep an eye on their child's participation and progress.

The examination schedule is created on Webkiosk and made available to each student in accordance with the registered courses.

All Examination Activities till results are on webkiosk.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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 Jaypee University of Information Technology Waknaghat has adopted Outcome-Based Education (OBE) framework as prescribed by NBA for graduate programmes with an enhanced focus on higher-order learning and professional skills. The Graduate Attributes (GAs) defined by NBA and the programme-specific outcomes (PSOs) have already been integrated into the academic curriculum and also in the assessment process in all the programmes. GAs and PSAs are well disseminated among the stakeholder through displaying the same at prominent places of the department such as at department notice boards, It is also displayed on the homepage of the respective department on the university website.

Based on expected learning outcomes of a particular course and taking Feedbacks from Students, Alumni and Industry (Employers) to assess the attainments of learning outcomes the course content is designed along with its assessment criteria. Along with the GAs and

PSOs, the course outcomes (COs) of each course are well-defined.

The course outcomes along with the complete course description are drafted by the department which is presented for discussion and recommendations to the Board of Studies and finally the Academic Council for the approval.

The course outcomes of each course have always been displayed and informed to the students at the start of semester. The attainment of GAs and PSOs through COs are assessed on regular basis at the end of semester taking into account the performance of each student in all components of assessment such as internal assignments, T1, T2 and T3 exams.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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

POs and PSOs Attainment:

The attainment level of POs and PSOs are calculated based on COs attainment level - if the COs attainment level is greater than and equal to 1 then the attainment level of POs and PSOs will be considered as if they are attained. However, if level of attainment of COs is less than 1, POs and PSOs are considered to be Not Attained. Thereafter, the average attainment level of POs and PSOs of the subject of a given semester, for a given programme, is calculated which are finally reported as Final Attainment level for that subject. In the same way, the final attainment level of all the subjects in each semester, for a given programme, are calculated and compiled.

Thereafter the average attainment level of all semesters are calculated which will reflect the overall score of attainment of the respective academic year. Based on the final score, we come to conclude that whether the POs and PSOs of a department, for a given year and for a given programme, have been attained or not. In addition to methods discussed above, University stakeholders' input measures programming outcomes. The online/offline written student feedback system gives information on course relevancy, availability, teaching style, and employability. The University adjusts learning results with their honest comments. The University uses student satisfaction surveys to monitor course and programme outcomes by

department .

| 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

477

| 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.juit.ac.in/IOAC-student-satisfaction-survey>

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 facilities for research are augmented regularly by the University. The requirements to create and develop research facilities are discussed every year in departmental meetings and the minutes are extended to the higher authorities for further action. The recommendations extended after departmental faculty meeting are deliberated and suitable provisions are made in the budget accordingly. The University offers round the clock UPS and generator back up and provides internet facility, subscription to print and online research journals, travel grants to attend conferences, and procures sophisticated instruments. The faculty has executed many research projects funded by state and national agencies. Many national and international patents have been granted to the faculty. The administrative and financial support to file patents is provided by the IPR cell. There are many research collaborations nationally and internationally. Various national and international conferences, workshops, and FDPs are organized by departments for the research

and academic development of faculty. There is provision of duty leave and sabbatical leave for faculty to carry out research work. To emphasize research in relevant fields, the University has established many COEs. The Directorate of Innovation, Research and Development (DIRD) of Jaypee Education System fund novel projects\COE to boost research.

| 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)

8.27

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

6

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

67

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab

A. Any 4 or more of the above

| Research/Statistical Databases Moot court Theatre Art Gallery | |
|--|---------------------------|
| 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 | |
| 4 | |
| File Description | Documents |
| Upload the data template | View File |
| Upload relevant supporting document | View File |
| 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) | |
| 8.27 | |
| File Description | Documents |
| Upload the data template | View File |
| Upload relevant supporting document | View File |
| 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs) | |
| 11.87 | |
| File Description | Documents |
| Upload the data template | View File |
| Upload relevant supporting document | View File |
| 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year | |
| 0.16 | |

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

JUIT has a Technology Incubator and Entrepreneurship Development Cell (TIEDC). The cell focuses on harnessing talents and research strengths in different engineering disciplines and applying the same to socially relevant projects in the form of start-up ventures. The main objectives of incubation center are to help budding Entrepreneurs acquire the necessary managerial skills to run their business venture through mentoring support and to conduct Entrepreneurship Programs and Workshops to develop Entrepreneurship and innovation skills. TIEDC is functioning as Incubator since Jan, 2017. TIEDC signed MoU with Department of Industries on 08/05/2017 under the Chief Minister's Startup/Innovation Projects/ New Industries Scheme" to provide support for Entrepreneurial and Managerial Development of Small and Medium Enterprises (SMEs) through Incubators. TIEDC has dedicated space for Ideation, Network Meetings, Video Conferencing, conducting small Boot camps, office work etc. TIEDC also facilitates hands-on experiences for innovators to develop prototype/ products in the Technological area. TIEDC has 24X7 access to startups, equipped with the latest computers, Wifi, Powerpoint presentation, live video chat and printing facilities.

Till date TIEDC successfully organized 94 Workshops/hackathons/Ideathons/seminars/bootcamps/webinars. So far TIEDC has evaluated 126 applications and successfully incubated 30 startups. At present, 3 startups are in incubation. More information is available at <http://www.juit.ac.in/tiedc-cell>.

| 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

16

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

16

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

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**

27

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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 | View File |

3.4.2 - The institution provides incentives to teachers who receive state, national and

C. Any 2 of the above

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

| 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

31

| 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

21

| 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

2

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

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

111

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

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

D. Any 2 of the above

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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 |
|--------|----------------|
| 11.95 | 13.4 |

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Bibliometrics of the publications during the year | View File |

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 |
|--------|----------------|
| 89 | 76 |

| File Description | Documents |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | View File |
| 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

The university encourages its academic staff to engage in consultancy projects to spread the benefits of their research to different sectors of business and government. Consultancy projects enhance the professional experience and expertise of faculty, making them better teachers and researchers. The university has laid down a policy for academic staff engaged in consultancy projects, with a well-formed distribution of consultancy funds between the institute, faculty and staff. The policy covers the major expenses of consultancy work, including procurement of apparatus, travel expenses, and manpower payments. The university overhead is used to upgrade both the university and the department. This includes material and equipment procurement, laboratory development, and funding for workshops, conferences, and FDPs. This creates a better teaching and research environment for both the academic staff and students. Consultancy assignments provide first-hand knowledge of the issues facing business, which is beneficial in adapting the curriculum to meet the demands of time. Although University welcomes faculty members to engage on consultancy projects, it is expected that they will not invest more than one day of their working week in the activity. Academic members are expected to preserve institution's reputation and prestige at all times while working on these initiatives.

| 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)

35.07

| 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

At JUIT, education transcends traditional classrooms, fostering societal awareness and social responsibility through initiatives like Unnat Bharat Abhiyan (UBA), Gender Champion Club, National Cadet Corps (NCC), National Service Scheme (NSS), Rotaract Club, and JYC Environment, Ecology, and Health Club. Under UBA, JUIT has adopted five villages—Chausa, Wakna, Domehar, Richhana, and Bisa—focusing on sustainable solutions for local challenges. Activities include Gram Sabhas, biogas awareness, computer literacy programs, drug abuse rallies, water quality analysis, and the 'No Plastic' campaign. The Gender Champion Club hosts events like Women's Day celebrations and gender sensitization workshops, promoting equity and inclusion. Adding to this vibrant social framework The NSS, Rotaract Club, and NCC channel student energy into community service, organizing blood donation drives, tree plantation campaigns, Swachh Bharat initiatives, and skill-building activities. Additionally, the JYC Environment, Ecology, and Health Club drives environmental consciousness through impactful programs, which channels the energy and enthusiasm of students toward meaningful community service. Through activities such as Blood Donation Camps, Tree Plantation Drives, and participation in Swachh Bharat Campaigns, these bodies amplifies the university's commitment to societal well-being. These initiatives inspire students to actively engage with pressing social issues and cultivate a sense of responsibility toward the community.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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

11

| 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)

92

| 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

3274

| 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

30

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

39

| 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 campus is spread over 25 acres of lush green picturesque slopes of HP. The classrooms and laboratories have the requisite online and offline learning facilities. All the classrooms and laboratories are equipped with large dimension whiteboards with an additional screen and projector system facility. Additionally, All the classrooms and laboratories are furnished with computer systems and internet facilities with access to intranet .The working and teaching spaces in the laboratories have distinct orientations for the parallel ongoing experimental and projection work whenever required. The equipment conditions and requirements are continuously monitored by the laboratory in-charges and the departmental lab coordinators for continuous updation, repair and calibration jobs. The library and laboratories are designed with safety features to create an excellent ambience and atmosphere for reading, learning and work. Internet facility is available with LAN connections and WiFi connectivity throughout the campus. The students can access the internet in the academic block and the other parts of the campus. The University has fourteen hostels to accommodate 1688 students, 87 residences, 5 gyms for students, 6 TV lounges, 32 classrooms (inclusive of lecture theatres and tutorial rooms), 61 laboratories, one board room, and one auditorium with approximately 1200 seating capacity.

| 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.)

In addition to academics, the university emphasizes on the good health of students, faculty and staff. The university through Sports club encourages students to take part in different games such as Badminton, Cricket, Football, Basketball, Volleyball and Table Tennis etc. The university has five well equipped fitness centers (Gyms), 01 Volleyball court (outdoor with flood light), 02 Open Badminton courts, 01 Basketball court (synthetic court outdoor with flood light) 01 Football mini ground, 06 Table Tennis Tables and 01 Indoor Badminton court. The university also has qualified coaches to train the students in sports like badminton, volleyball, table tennis, yoga and in gym. The university also has sufficient numbers of lecture theaters, conference halls, and auditorium to organize various types of cultural and literary events. It has an auditorium of nearly 1200 seating capacity and 03 lecture theaters for organizing various extra and co-curricular activities. The public celebrations like Independence Day, Republic Day, Women's Day, Children's Day, and International Yoga Day etc. are also celebrated here. JUIT Youth Club (JYC) organizes sports and cultural activities through different clubs and committees like environment, art, movie, sports etc. on a regular basis which encourages students to engage in the extracurricular activities and organize the Annual events such as Le-Fiestus, Murious, Diksha, Goonj, Dhun, Parakaram etc.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

4.1.3 - Availability of general campus facilities and overall ambience

Student and employee welfare is an essential facet of JUIT culture, reflected through various facilities in all academic and administrative domains. Some of these facilities are highlighted at <https://www.juit.ac.in/student-welfare>. The other facilities are:

Mess and canteen facilities.

- Cafeteria, tuck shop and convenience shop for daily needs,

refreshments, and snacks are available on campus.

- A stationary shop is available inside the campus.
- A dispensary with medical and ambulance facilities.
- The entire campus is cleaned daily
- The campus is fully enabled with Internet and Wi-Fi connectivity.
- Punjab National Bank's branch with ATM facility.
- The University has a laundry facility and Laundry charges are included in hostel charges.
- BSNL exchange on the campus: EPBX exchange with various lines capable of supporting 400 connections. All officers, faculty members and other essential facilities are connected with this exchange.
- An Open Book Bank facility has been set up in the Dhyan Kaksh where books donated by current/pass out students have been kept. Student can pick up a book of his/her interest, without any charges.
- Outdoor floodlit grounds are available for Basketball, Volleyball and Badminton. An indoor facility for Table tennis, carom and Chess is also provided. The University has five fully equipped gyms.

| 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)

612.56

| 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

The Learning Resource Centre (LRC) has always been a fully automated facility. Recently, the library has switched over to universal and user-friendly open management software KOHA. Information about the software 'KOHA' is given in Table 1.

Table 1: Details on the software 'Koha'

Name of the ILMS

Koha

Nature of Automation

Fully Automated

Version

20.11.09.000

Year of Automation

2023 (migration completed)

URL

<http://14.139.240.62:8080/cgi-bin/koha/catalogue/search.pl>

OPAC

<http://14.139.240.62/>

The Koha has an OPAC facility that is available for users 24x7 over the Internet. The dedicated terminals with OPAC facility are available on each floor of the library.

Recently the library has upgraded from an integrated electromagnetic security system to RFID technology to enhance the efficiency of tracking and managing library materials.

The library has been developing an institutional repository using D-Space open source software accessible from

<http://www.ir.juit.ac.in:8080/jspui/>. It also focuses on subscribing to e-resources negotiated by the e-Shodh Sindhu (ESS) consortium.

The library has adequate terminals to facilitate searching/accessing e-resources, internet browsing and other academic/research works. It has scanning and reprographic facilities for the users as well. The library is an active member of Developing Library Network (DELNET) and also participating in National Digital Library of India (NDLI).

In-house access to the learning contents of NPTEL is provided through <http://172.16.73.132/>.

The library has a dynamic website, which can be accessed at: <https://www.juit.ac.in/lrc/home.php>

| 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)

43.75

| 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)

454

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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

32

| 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

The University has a robust IT system that caters to the needs of students, faculty and staff with over a thousand terminals. All the records related to IT services are maintained in the Server Room of the University. All maintenance, updates and new procurement-related events take place with the advice and recommendations of all HODs. The campus has 1 Gbps dedicated leased line Internet connectivity from BSNL and 500 Mbps from Railtel. The server room provides email services to teaching and non-teaching staff of the University through IBM Lotus and to all the registered PhD students through the domain name 'MAIL.JUIT.AC.IN'. Simultaneously, email service over the domain name 'JUIT.SOLAN.IN' is provided to all teaching and nonteaching staff and registered students of the University. The University promotes Green computing by adapting the best practices using energy-efficient CPUs, peripherals, projectors, UPS and Servers, ensuring less power consumption. The University shows its environmental responsibility by reducing resource consumption when not required. The University ensures an ethical use of information technology and its tools to carry its all activities.. The IT policy of the University is in place and announced on the Website. University allocates a reasonable budget for updating its IT infrastructure.

| 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 |
| 1938 | 889 |

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

C. Any 2 of the above

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |
| Upload the data template | View File |

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

364.68

| 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 has a designated officer and staff to oversee infrastructure maintenance like buildings, classrooms, laboratories, hostels and faculty residences. Numerous initiatives ensure a continuous improvement in the physical ambience of the University. A well-maintained plant nursery and regular tree plantation initiatives help enhance University's green cover. The University has well-maintained lawns and gardens to improve the ambience on the campus. The University has efficient management to dispose of garbage or any food waste. The University has a sewage treatment plant that treats water to be used later for irrigation purposes. In addition, the University also has treatment plants for freshwater. The University adopts a systematic procedure for maintaining and utilizing academic, research and physical facilities like laboratories, library, sports, computers and classrooms. The physical verification for labs is done regularly. The optimum working condition of all properties/ equipment on the campus is

ensured through annual maintenance activities.

The university has the following policies in place which are available at <https://www.juit.ac.in/juit-policies>

- IT Policy
- Library Policy (Manual)
- Policy on Class Rooms
- Policy on Guest Rooms
- Policy on Laboratory Maintenance
- Sports policy, and various others

| 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)

314

| 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

2998

| 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

A. All of the above

| communication skills Life skills (Yoga, physical fitness, health and hygiene) | |
|---|--|
| Awareness of trends in technology | |
| 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 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 | <ul style="list-style-type: none"> • All of the above |
| 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 | |
| 14 | |
| 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 | |
| 285 | |

| 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

8

| 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

10

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

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

Student Council Organization Structure

Jaypee University of Information Technology (JUIT) has a student council named as JUIT Youth Club (JYC). This is an extremely active body, which has a number of Clubs and Committees under its domain. The extra co-curricular activities of the students are organized as major and minor events throughout the year. Its Office bearers are selected in a competitive manner and include President, Secretary, and Treasurer.

The various clubs of JYC are as under:-

- Technical sciences, movies & photography
- Literary and debating

- Cultural and dance
- Sports
- Theatre and music
- Environment, ecology & health
- Fit India Campaign
- Koshish Club

The six committees constituted under JYC are "Events & Procurement", "Media & Publicity", "Disciplinary", "Registration and Hospitality", "Creative arts committee" and Finance Committee.

Apart from JYC, JUIT has also constituted various types of committees with student's representation:

- Anti-ragging Committee
- Hostel Advisory Committee
- Student's Counseling Committee
- Internal Complaint Committee
- Complaints against Caste-Based Discrimination Committee
- Gender Champion
- Student body of IPR Cell
- Differently-abled persons
- Equal Opportunity Committee
- IEEE Student Chapter
- ACM Student Chapter
- SIAM Student Chapter

In addition to this, the JUIT Alumni Cell comprises faculty members and students. The cell represents each department through faculty members and student representatives.

| 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

110

| 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

JUIT, Wagnaghat, values good student-teacher relationships. JUIT strives to keep track of its alumni who have graduated from the University to strengthen this connection. The University has a JUIT Alumni Cell (JAC) that connects them through various platforms such as Facebook, Almaconnect, LinkedIn, and Instagram. Facebook and Almaconnect accounts have more than 2550 connections.

The student executive body has a President, a vice-president, a Treasurer, a Public Relations Head, and a Media Head, Newsletter Editor and sub-editor and Technical Head. The student executive body then selects 2 volunteers from each department to conduct various functions of the cell.

The alumni are involved directly/indirectly in the effective functioning and improvement of the University. Some of the activities through which they make their contributions are as follows:

1. Alumni are engaged in giving a motivational talk to the first year during their induction program.
2. Involve in various activities of the department/University as judges and speakers.
3. Involvement in professional development activities as a member of various committees such as BoS.
4. Assist in placements and internships for the students

JUIT boasts of over 8000 alumni over 16 batches in the last 20 years.

Website: <https://www.juit.ac.in/alumni/>

Facebook page: <https://www.facebook.com/JUITAlumniCell/>

Almaconnect: https://luit.almaconnect.com/contributions/sneak_peek

Linkedin: <https://www.linkedin.com/company/juit-alumni-cell>

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

| | |
|--|----------------------------|
| 5.4.2 - Alumni contribution during the year (INR in Lakhs) | D. 1 Lakhs - 3Lakhs |
| 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 | |
| <p>JUIT Wagnaghat offers an insightful environment to its students to confer the inclination for well-established learning. Under and Post-graduate students are urged to develop opportunities in thought and movement, majorly through project-based learning. Therefore, JUIT executes all its programs as per the stated Vision and Mission.</p> <p>Vision: To become a centre of excellence in the field of IT and related emerging areas in education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.</p> <p>Mission:</p> <p>M1. To develop as a benchmark University in emerging technologies.</p> <p>M2. To provide a state-of-the-art teaching-learning process and a stimulating R&D environment.</p> <p>M3. To harness human capital for sustainable competitive edge and social relevance.</p> <p>The following councils have regulatory functioning:</p> <ol style="list-style-type: none"> 1. The Governing Council, Executive Council and Academic Council are aligned to the UGC regulations as applicable from time to time. The Governing Council is the supreme and prime decision-making and governing body of the University. 2. The Executive Council is responsible for the general management and administration of the University. 3. The Academic Council is the academic body of the University for regulating all kinds of academic issues. | |

| 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 rehearses and advances the culture of participative management in all its activities, such as administration, admission, student activities, curriculum development, research and sports. The University has given equivalent portrayal in various committees at all levels from Professors, Associate Professors, and Assistant Professors from different Departments.

The Governor of Himachal Pradesh is the Chancellor of the University. Shri Manoj Gaur, Executive Chairman of Jaypee Group of Industries, is the Pro-Chancellor of the University. The Vice-Chancellor is the Head and the Chief Operating and Academic Officer of the University. He presides over the Executive Council, Academic Council, and Finance Committee meetings.

The Vice-Chancellor is assisted by the Dean of Academic and Research and the Heads of Departments.

The Dean is the Head of all academic and research programs.

The registrar looks after the administrative activities of the University.

The Finance Officer performs other functions that may be assigned to him by the Executive Council or prescribed by the Statutes or Ordinances.

The Controller of Examination (COE) conducts the university examinations.

The IQAC chairperson and team monitor all academic, research, and other developmental aspects of JUIT. HODs look after all aspects of their respective departments.

| 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

The vision of the University is to become a centre of excellence in the field of IT and related emerging areas in education, training, and research to produce professionals who shall be leaders in innovation, entrepreneurship, creativity, and management. The following major areas are covered in the Strategic Plan:

- University has adopted e-learning platforms like NPTEL, SWAYAM, COURSERA, and Infosys Springboard etc.
- Academic Departments have Professional and Minor courses available.
- The university organizes conferences, workshops and boot camps for the students, Faculty and Lab staff.
- Project-based courses with a focus on the publication of research papers and patent grants.
- Establishment of research culture through IEEE chapter, ACM and SIAM.
- To promote the spirit of entrepreneurship among students, the University has established a Technology Incubation and Entrepreneurship Development Cell (TIEDC).

TIEDC is supported by the Department of Industries, Himachal Pradesh, under the Chief Minister's Startup/Innovation Projects/New Industries Scheme. TIEDC provides mentoring and technological guidance to prospective Entrepreneurs. With support from the Himachal Pradesh government, students doing projects get the sustenance allowance of Rs. 25,000/-per month for one year for their projects.

| 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 University Council brings faculty and administration representatives together to discuss issues involving the entire University. University functions are defined by various policies mentioned in the JUIT 1st Statute.

The other policy-related documents are well-placed and available to different stakeholders.

The regulations and ordinances related to academics are in place.

The administrative setup is well established in JUIT. University has Governing Council, Executive Council, Academic Council, Finance Committee, Council of Institution-Industry Linkages and others.

Appointment: The policies regarding various appointments in University are well defined in the JUIT Statute. The details are available on the University website.

The service rules and the related procedures are well-defined and shared with the employees of the University at the time of joining. The same is available as a Blue Book at the Registrar's office. JUIT has the following policies in place:

- Code of Ethics for Research
- Consultancy Policy
- Divyangjan Policy & Initiatives
- e-Governance Policy
- IT Policy
- Library Policy (Manual)
- Policy for Promotion of Research
- Policy on Class Rooms
- Policy on Guest Room
- Policy on Laboratory Maintenance
- Sports Policy

| File Description | Documents |
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| 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 |
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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

The University follows API (PBAS) as prescribed by UGC for faculty appraisal. The annual self-assessment form is to be filled out by each faculty member and staff member annually for every academic year. It is evaluated by the concerned Head of Departments. The Dean of Academics and Research and Vice-Chancellor also give their opinion on these forms. In addition, the promotion of the faculty members is based on a Career Advancement Scheme as per UGC guidelines. The non-teaching staff must also fill out their appraisal in the defined format and submit it to their respective HoD for recommendations

The following and many others welfare measures are available:

- EPF and gratuity benefits, as per government norms, are provided.
- Leave Travel Allowance (LTA) can be availed by all as per the rules.
- JUIT offers a 5% quota to the wards of its employees on a merit basis.
- The faculty members can avail of the full registration fee and/or 50% TA/DA (national/international travel)
- Paid leave for visits in connection with research work.
- The faculty members are entitled to 60 days of vacation, whereas other staff are entitled to 30 days of paid leave.

| File Description | Documents |
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| 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

14

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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

7

| 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)

59

| 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 well-strategized resource mobilization policy in place. The primary source of income for Jaypee University of Information Technology Waknaghat is fee collection from the students. Besides this, JUIT also aims to get funding from numerous sources such as alumni, research funding agencies, by organizing national and international conferences, workshops consultancy , philanthropy and Corporate social responsibility. These funds will be used to fund scholarships and develop infrastructure and facilities for academics and research. The University will also focus on getting funding from different agencies and companies CSR for infrastructural development, expanding campus facilities and building and improving the institute's research infrastructure.

Funds generated from the above sources are utilized for the regular maintenance and development of the University. The University has well-planned strategies for enhancing funds mobilization:

- Increasing student strength
- Receiving research grants
- Enhancing consultancy
- Expanding Collaboration
- Improving Alumni participation.

The University ensures optimal utilization of the financial resources through periodical monitoring, internal and external auditing, cross-checking with requirements of funds for each department, etc. A finance committee is in place to ensure the optimal utilization of the funds.

| File Description | Documents |
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| 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)

226981

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

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)

3622030

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload the data template | View File |
| Upload relevant supporting document | View File |

6.4.4 - Institution conducts internal and external financial audits regularly

JUIT conducts internal and external audits on a regular basis to improve its controls and financial

systems. The University has also constituted the Finance Committee to prepare the Budget estimates and annual accounts of the University.

The annual reports and budgets are uploaded on the institute website, which is updated yearly. Finance Committee recommends the appointment of an Internal Auditor; after that Governing Council gives final approval. M/S Ravi Rajan & Co. LLP, Chartered Accountants, 505A, 5th floor, D-4, Rectangle-1, District Centre, Saket, New Delhi-110 017, has been appointed as Internal Auditors.

An independent Chartered Accountant Firm audits the accounts of the University at the end of each financial year. Finance Committee recommends the appointment of statutory Auditors; after that Governing Council gives final approval. M/s Dass Gupta & Associates, Chartered Accountants, B4, Gulmohar Park, New Delhi-110049, is the appointed Statutory Auditor. Statutory Auditor conducts audit as per provision of Income Tax u/s 10 (23C) (vi) of the Income Tax Act. The Statutory Auditor examines the balance sheet and the income and expenditure accounts for every financial year.

| 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 IQAC was set up in 2016. It has taken numerous steps to enhance the quality of teaching, learning, research and governance at the University.

The University has a Core Committee that reviews the collected data from all the departments and compiles the AQAR report, and seven Sub-Committees that have been given specialized roles related to curriculum aspects, teaching-learning & evaluation, Research Innovation and extension, Infrastructure and Learning resources, student support and progression, Governance leadership and Management and Institutional Values and Best practices.

The main activities undertaken are as follows:

1. Two weeks Induction program is conducted for the new entrants. It involves introduction to the academic program, examination system, biometric registration, NAD registration, academic & disciplinary matters, medical facilities and an introduction to Jaypee Youth Club and its multifarious activities. It also includes campus tour, Screening of anti-ragging UGC films, and talks by eminent experts on motivation, training and placement, social entrepreneurship etc.
2. The departments have designed the outcome-based course curriculum with well-defined course objectives and course outcomes followed by the contribution of Course Outcomes (COs) to the Program Outcomes (POs). The departments conduct board

of studies meetings at regular intervals to review the courses.

| File Description | Documents |
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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 | View File |
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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)

The University documented rules and ordinances and made them available on the website. For quality enrichment, different initiatives were taken in academics, research, relationships with stakeholders, student activities and placement, and professional and social activities.

The Academic (Teaching and Learning) subcommittee aims to audit the Institute's teaching and learning activities. Several measures taken are mentioned below:

1. To oversee the establishment, development and revision of learning objectives and outcomes of courses and programmes.
2. To oversee students' feedback, including pass-out students and their expectations from the programme/course.
3. To oversee the feedback of faculty considering different programmes/courses.

4. To ensure that study material/course files are maintained and updated on Moodle and on the faculty folder on LAN.

Academic Research The Academic (Research) sub-committee audits the quality of research in the Institute.

Professional and Social Activities Professional activities include consultation projects, conferences, workshops, FDPs and special courses and training for staff and students. Social activities in which clubs like Gender Champions Club, Omega Club and Rotaract Club organized many activities. Admission related In order to improve admission, a dedicated Admission Cell has been established with a designated admission cell coordinator.

| File Description | Documents |
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| 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

JUIT is committed to a strong ethical foundation rooted in integration, upholding its activities' highest standards of conduct. The institution embodies the principle of "Respect for all" and ensures equal opportunities for women in all areas of participation. At JUIT, equal opportunities are extended to everyone, irrespective of gender, race, class, color, creed, language, religion, political beliefs, nationality, social status, property, or birth. Its inclusive work culture, healthy traditions, and strong ethical values have fostered the enrollment of female students and the recruitment of women staff. The university regularly organizes awareness programs for female students and staff, prioritising their safety, security, well-being, and gender equity.

Salient-specific measures:

- JUIT has separate hostel for female students with 24×7 security guards.
- Availability of lady-doctor/lady-nurse in the campus.
- CCTV-cameras at prominent positions providing a sense of security to women students-staffs
- Female students are encouraged to take up outdoor-sports like volleyball/badmintonetc. they are guided by female-sports-coach/fitness-trainer

- A professional clinical-psychologist is available to provide psychological-counselling free-of-cost.
- To provide an avenue for personality-development and for meeting the aspiration of youth students wanting to contribute to nation-building, separate NCC for boys/girls.
- JUIT has several committees for prohibition and redressal of sexual harassment of women employees and students.

| File Description | Documents |
|--|---|
| Upload relevant supporting document | View File |
| Annual gender sensitization action plan(s) | https://www.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/7.1.1/7.1.1.1.Annual%20Gender%20Sensitization%20Action%20Plan.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.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/7.1.1/7.1.1.2.Specific%20facilities%20provided%20for%20women.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

A. Any 4 or All 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

Solid-Waste Management

Waste in the form of glass/paper/metal is sold to the junk dealer. Wet garbage is turned into organic manure using a high-end compost machine (FSK099 with a 1000 Kg/day capacity) for cultivation purposes. Biogas digesters are also installed and use of plastic is being discouraged.

Liquid-Waste Management

Liquid waste, mainly sewage-Waste/laboratory/residential/washing/canteen, is directed to the STP . JUIT has one effluent treatment plant (ETP). The treated water is disposed of domestically in irrigation/gardening practices.

Biomedical-Waste Management

JUIT exports its biomedical waste to Environ Engineers, CBWTF-Sandli Solan(HP) in color-coded bags for final disposal.

E-Waste Management

The amount of E-waste produced is exported to authorized Green-Vortex Waste-Management Private Limited, Manesar, Haryana for management. Before disposal, all these wastes are put to optimal use.

Waste-Recycling System

Liquid-waste is processed in the ETP-cum-STP unit of JUIT. JUIT is in contract with Green Vortex Waste Management Private Limited for waste recycling. The compost generated is utilized for gardening. E-waste is disposed of through Government-authorized agencies for recycling.

Hazardous-Chemicals/Radioactive-Waste

JUIT produce small amounts of Hazardous-chemicals. Highly hazardous-chemicals/biochemicals, are not used. JUIT has a contract with Enviro-Engineers,Village-Marhog, Shimla(HP) that lift the hazardous waste of category 5.1 in authorized vehicles for treatment.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |

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

| 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**

A. Any 4 or all 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

A. Any 4 or all of the above

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.

| 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)

JUIT is committed to promote cultural/spiritual/ethical values among staffs/students. Several activities are organized regularly so that students can learn to be morally/socially responsible. Management is very much supportive to celebrate various events to inculcate the feeling of oneness/social-harmony among students/faculty. University has NCC/NSS/Grievance-redressal facility to provide inclusive environment for the students/faculties.

University celebrates various cultural/regional festivals like Fresher's-party, Orientation-Programme, cultural/commemorative events/celebrations. Encouraging speeches by prominent people of the arena for the development of the entire student cycle in order to develop their personality and make them responsible citizens who adhere to the world's standards of social/cohesion and national/integration.

JUIT has built a strong diversity of sports facilities for physical development of students. In this way the University's efforts to provide a place that includes everyone who is tolerant and understanding about culture, region, language, socio-economic well-being, and other diversity.

In order to promote socio economic environment JUIT is providing education/ guidance to underprivileged children within the campus-and-outside by Koshish Club. It is a team of faculties/student. The classes are held in the classrooms equipped with latest teaching equipments. JUIT is also a part of Unnat Bharat Abhiyan (UBA) for upliftment of nearby villages in the vicinity of the campus.

| 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:

Several activities throughout the year are conducted:

- The institution sensitizes the students/employees to the constitutional obligations about values/rights/duties/responsibilities and constantly works to nurture them as better citizens of the country through various curricular/extra-curricular activities.
- The university raises successful leaders among the students by conducting an election/year for the Jaypee Youth Club. The elected representatives are given leadership training.
- Instilling constitutional commitments among students/staff, the University included mandatory value-added courses such as Indian-Constitution, Values-&- Ethics etc.
- JUIT establishes policies that reflect core-values. A code-of-conduct is prepared for students and staff separately and everyone should obey the conduct rules.
- The university encourages the participation of students in Sports-Games, and NCC strengthens nationwide bonds and relations.

Institution has established specific committees for the purpose:

- Anti-ragging
- Caste-based-Discrimination
- Internal Complaint
- Disciplinary
- e-Governance
- Electoral-literacy-club
- Equal-opportunity
- Ethics
- Student-Grievance-Redressal
- Universal-Human-values

In the year 2023-2024, there have been several activities and initiatives as mentioned below under these committees:

- Independence day
- Vigilance-Awareness week
- Electoral-Literacy- campaign
- Jaypee-Youth Club
- Voters-Day
- Unnat-Bharat-Abhiyan
- NCC for boys/girls

- Drug abuse awareness/Cleanliness /Waste-Management Awareness Campaigns
- International Women’s Day
- Plantation drive/No-plastic campaign
- Youth-parliament
- Student-induction program
- Faculty-induction program
- Ek Bharat-Shrestha Bharat
- Kosish-Club for the Children education of Financially weak parents
- Gender-Champions club

Link for related documents:

<https://www.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/?dir=7.1.9>

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

All 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

JUIT has been organizing and celebrating events and all major festivals yearly. Celebrating National Days, National and International commemorative events, and celebrations with great enthusiasm provide a concrete platform for inculcating sound cultural roots and a global vision in the students.

- Republic Day
- Independence Day
- NCC Day
- Voters Day

- Vigilance-awareness week
- Viksit-Bharat Shashakt-Bharat

Anniversaries of great personalities are commemorated by organizing invited talks, quizzes, poster model competitions etc:

- Gandhi-Jayanti and Shastri-Jayanti
- Vivekanand
- Teacher's Day (Dr. S. Radhakrishnan)
- Unity Day (Sardar Vallabh Bhai Patel)
- National-Science Day (Sir C. V. Raman)
- National-Mathematics Day (Ramanujan)

Various cultural festivals are celebrated on the campus, such as:

- Lohri
- Janmashtami
- Holi
- Diwali
- Vishwa-Karma Puja
- Nav-Durga Festival etc.

Students also organize and participate in competitions, and technical, cultural, and institutional fests during these occasions. Other days of national/international importance are also organized such as:

- International-Youth Day
- International-Yoga Day
- National-Education Day
- Hindi-Diwas

International Women's Day and International Men's Day and is celebrated annually.

International festivals celebrated by students from Bhutan pave the way for intercultural events.

The importance of sustainable development is demonstrated through:

- Environment-Day
- Earth-Day
- Ozone-Day

Social welfare programmes:

- Blood-Donation camps
- Teaching students from the weaker class of society
- JUIT adopted five nearby villages under UBA

| 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

Technology Incubation and Entrepreneurship Development Cell (TIEDC)

2. Objectives of the Practice

To provide an Entrepreneurial Ecosystem, inducing an Entrepreneurial mindset into youths to

contribute towards market-expansion and job-creation.

To promote linkage between the University-Industries-R&D Institutions- Financial Institutions.

3. The Context

Entrepreneurship programs have been a challenge in the Indian context due to a lack of information and awareness regarding the business prospects in various technology-driven sectors and the support systems for Startups/Innovative projects from different Government agencies.

4. The Practice

The vision and mission of the TIEDC are to aid in the growth of our society by enabling Entrepreneurs with integrity-sustainability and to encourage individual's ability-creativity. TIEDC provides mentoring and technological guidance to perspective Entrepreneurs to harness the talents and apply the same to socially relevant Startup ventures.

5. Evidence of Success

Cell is financially supported with amount Rs. 66 Lakh till date by HP Govt.

A total of 137 applications were received;

30 incubations completed;

3 are going on;

7 successful startups (commercialized);

6 awards won by the persons associated with us

<https://www.juit.ac.in/tiedc-cell>

6. Problems Encountered and Resources Required

University did not encounter any major problem in adopting and implementing this best practice.

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)

Student Support

(a) Fee Concession-and-Reservation for Military Wards

In JUIT, relaxation in the fees for the military wards has been given since 2019-20. A 30% tuition fee concession to wards of serving/retired-Armed-Forces/paramilitary-force personnel for Undergraduate Programs and an additional 5% discount in tuition fees for wards of war widows are also given. For undergraduate courses here at JUIT, 10% of seats are reserved for such categories. In the year 2023-24, 54 students benefited.

<https://www.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/?dir=7.3.1>

(b) Mitsubishi Factory Automation Lab

To produce highly-qualified/industry-ready graduates in the current Industry-4.0-arena, JUIT has a MoU with Mitsubishi-Electric-India Private Limited with objective to spread awareness about automation amongst young Indian-engineers. MEI has given Mitsubishi FA Training Equipment for demonstration/learning/training purposes. JUIT has a comprehensive-programme to train students in Industrial-Automation

by workshops/summer-trainings. This facility is also being utilized to train students of the region.

<https://www.juit.ac.in/Mitsubishi-Automation-Lab>

<https://www.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/?dir=7.3.1>

(c) DBT-Sponsored PG Program:

DBT-supported DBT-PG Program in Biotechnology is running at JUIT. GAT-B is an all-India Entrance Examination for bonafide Indian nationals seeking admission to DBT-supported PG programs in Biotechnology at participating universities. Students have been placed in industries, and some opted for higher studies after completing their M.Sc.

<https://www.juit.ac.in/gate-2020-bt>

<https://www.juit.ac.in/AQAR2023-24/AQAR2023-24FILES/7/?dir=7.3.1>

7.3.2 - Plan of action for the next academic year

The National Education Policy (NEP) in India aims to transform Higher Education Institutions (HEIs) into centres of learning that offer multidisciplinary programs. The goal is to provide students with a comprehensive education that nurtures their overall growth and equips them to tackle the demands of the 21st century while keeping them rooted in Indian culture. There will be amalgamation of diverse fields of study, allowing students to explore diverse fields and gain a broader understanding and knowledge. By embracing multidisciplinary education, HEIs in India can create a nurturing environment that encourages critical thinking, creativity, and problem-solving skills among students. Such an approach will help shape well-rounded individuals who can contribute effectively to society and excel in their chosen professions.

The University has also started working in line with the implementation of NEP under these areas and in near future university is working to strengthen these areas in compliance with NEP:

1. The Evolution of University into Multidisciplinary hub
3. NAAC Accreditation, Academic Audit, and IQAC
4. The university has registered at ABC

5. Internationalization of education is already in progress as university established the International collaboration centre

6. Strengthening of Research and Development Cell

7. Offering Apprenticeship/Internship Programs, Employability Initiatives, Alumni Connect, and Industry-Institute Linkage

3. Strengthening Governance and Infrastructure for the Digital Age

4. Student-Centric Initiatives for Inclusive Education

5. Enhancing Faculty Skills for Multidisciplinary Education

Other details can be found at:

<https://www.juit.ac.in/nep-2020-cell>