YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Jaypee University of Information technology
• Name of the Head of the institution	Prof R K Sharma
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01792 239900
• Mobile no	9872202705
• Registered e-mail	rk.sharma@juit.ac.in
• Alternate e-mail address	rk.sharma@juitsolan.in
• City/Town	Waknaghat, Solan
• State/UT	HP
• 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	**01792 239221**	
• Mobile	**9816975754**	
• IQAC e-mail address	**juitiqac@mail.juit.ac.in**	
• Alternate Email address	**khah.sunil@gmail.com**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.juit.ac.in/AQARIQAC
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**	**16/09/2011**	**15/09/2016**
Cycle 2	**B+**	**2.66**	**2017**	**30/10/2017**	**29/10/2022**

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	**Yes**	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	**1**	
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.	**Yes**	

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

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

Open elective to be floated in 5th semester Representative of IQAC in each BoS of departments Feedback from PhD students to be collected regularly

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
Open elective to be floated in 5th semester Representative of IQAC in each BoS of departments Feedback from PhD students to be collected regularly	All Achieved

13.Whether the AQAR was placed before statutory body?	**Yes**
• Name of the statutory body	

Name	Date of meeting(s)
Academic Council	05/07/2020

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

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	09/08/2022

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 multi-interdisciplinary 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 multi-interdisciplinary 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 courses like machine learning, artificial intelligence, and big data analytics are being run in the undergraduate programme. As per the action plan of NEP to be implemented in JUIT, it is proposed to start a certificate course (of 6-months and 1-year for Industry Professionals) and proficiency in Tunnel Engineering this year. Various new open electives (like computational nanotechnology, biosensors, cyber security, VLSI design, robot in industry 4.0, AI in Design, and software defined systems) 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.

Massive open online courses (MOOCs) are [free online courses](#) available for students to enroll. MOOCs provide an affordable and flexible way to learn new skills, advance their career and deliver quality educational experiences at scale. 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 year2023. Digital learning center at JIIT Noida will be used for this purpose. Each department of JUIT will send the proposal for content creation at MOOCS, NPTEL etc. 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 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 credit-based 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, mangers 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 value-based 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 pursing 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 In-house 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	12
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	1808
Number of students during the year	

File Description	Documents
Data Template	[View File](#)

2.2	420
Number of outgoing / final year students during the year:	

File Description	Documents
Data Template	View File

2.3 Number of students appeared in the University examination during the year	**1767**

File Description	Documents
Data Template	View File

2.4 Number of revaluation applications during the year	**0**

3.Academic

3.1 Number of courses in all Programmes during the year	**239**

File Description	Documents
Data Template	View File

3.2 Number of full time teachers during the year	**97**

File Description	Documents
Data Template	View File

3.3 Number of sanctioned posts during the year	**104**

File Description	Documents
Data Template	View File

4.Institution

4.1 Number of eligible applications received for admissions to all the Programmes during the year	**4849**

File Description	Documents
Data Template	View File

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**343**

File Description	Documents
Data Template	View File

4.3 Total number of classrooms and seminar halls	**32**
4.4 Total number of computers in the campus for academic purpose	**920**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**1103.01**

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

Jaypee University of Information Technology (JUIT) is a modern world-class campus with an intellectually vibrant ambience in a serene and lush green environment. In JUIT, an academic year consists of two semesters. The education system here is based on a credit system and continuous evaluation of students' performance. The system provides flexibility in choosing courses of interest and pursuing the same at an optimum pace suited to students' ability and convenience. Each course is assigned a certain number of credits depending upon the class contact hours. Earning a specified number of credits, attainment of minimum CGPA, and completion of Industrial Training satisfactorily are essential to qualify for a degree. The medium of instruction is English. Different departments of JUIT run various programs, and all these programs broadly follow 12 POs (Programme Objectives), which have been adopted from NBA (National Board of

Accreditation) framework. The University encourages students to make life outside the classroom vibrant and enjoyable by engaging in multifarious extracurricular activities. For this, a very active Jaypee Youth Club with various Committees and Clubs exist. The best facilities and equipment contribute to an overall positive environment.

File Description	Documents
Upload relevant supporting document	View File

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

1

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

239

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

131

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

12

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 Technocratsthat incorporate aspects related to Environment and Sustainability, Human values, Ethics, and Psychological perspectives concerning emotional intelligence, self and personality. These courses are taught to the students across all the streams of Engineering at the Undergraduate level (BTech) scattered over four years of their academic career here at the University. Additionally, the professional in-house counselor's psychological counseling sessions for students in need focus on behavioral adjustments for building emotional maturity among the students.

The course Environmental Studies facilitates students to understand the terms, definitions, and scope of environmental issues at local, regional, and global levels, emphasising the need for energy conservation and the environment. In the context of Human Values, Gender Sensitization, and Professional Ethics, the core courses titled Interpersonal Dynamics Values & Ethics and Human Rights for Technocrats facilitate students in understanding the interplay between psychological, ethical, and economic principles in governing human behavior.

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

112

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

1808

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

392

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

686

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

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

122

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

2.2 - Catering to Student Diversity

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

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

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

ii.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

advise/suggest the student regarding clearing their backlog courses and earning remaining credits. The mentoring sessions are generally done thrice during a semester, with mentoring notes maintained by the departmental mentoring coordinator.

iii. Remedial classes/Bridge courses/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. A diagnostic test for English Listening, Speaking, Reading, and Writing (LSRW) is conducted for BTech First year students to identify their weak areas and groom them through related activities throughout the semester.

iv. Extra classes and labs: Extra classes are organised by the respective faculty members for the students securing less than 50% marks in their courses for problem-solving and doubt-clearing.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link For Additional Information	[https://www.juit.ac.in/NAAC2022/NAACFILES/2/?dir=2.2%2F2.2.1](#)

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
1808	97

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 a Student-Centric teaching methodology that emphasizes providing education with a focus on the learner as the primary focal point. In addition to enhancing students' confidence

and fostering independence, this practice helps shift students from being relegated to passive recipients into active and participating stakeholders. In a classroom centred on the instructor, it is impossible to meet the needs and expectations of individual students while expecting all of them to produce the same level of learning because of the wide range of students' capacities to grasp and absorb information. Learning is better when the instructor makes it possible for each student to absorb the knowledge at their own pace by ensuring that they participate fully in the activities conducted in the classroom and comprehend concepts with ease.JUIT adheres to the principle that student-centred approaches should be followed wherever possible. EActivities 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:

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

ICT (Information and Communication Technology) tools are a set of recently developed technologies that enable more effective information sharing, which has changed how people acquire knowledge and, in turn, how they interact with one another. ICT has developed into a crucial instrument for providing students with a thorough education at all times, allowing them to grow in all of their digital competencies and enhancing the teaching-learning process with dynamic and new techniques.

JUIT is using ICT-enabled technologies, such as online resources, in addition to the Board & Duster mode of instructions extensively, for effective teaching and learning. To expose the students to cutting-edge information and practical learning, the faculty uses ICT-enabled classrooms with LCD projectors, Wi-Fi access, software, and PowerPoint presentations created by teachers.MS Office, Matlab,

Python, Xilinx, Window 7 Professional & Window 11 Professional, Geo 5 suit, NI Lab View Academic Site, SPSS, Clarity Digital Multimedia, Sophos Antivirus and Auto CAD are all installed in the labs.

Apart from the teaching-learning, the LRC (Learning Resource Centre) of JUIT has also subscribed enough e-resources like e-books, e-journals, databases, e-magazines etc. which complements all the requirements of students.

Moreover, a dedicated "Online Education Cell" has also been created whose main functions were to look-after not only the ongoing online activities but also to prepare future plans for the same.

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

97

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

97

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

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

86

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

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

2.4.3.1 - Total experience of full-time teachers

949

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

6.5

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

6.5

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

O

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

JUIT is a fully IT-enabled university with a complete wi-fi campus. The role of IT is not only limited to examinations but is an integral part of the university's functioning. Here is a brief snapshot of the activities carried out with the help of IT:

i.Online applications for gettingadmissions

ii.Onlinecounseling

iii.Online fee payment

iv.Online registration ofstudents

v.Partially online time-tableformation

vi.Online record ofattendance

vii.Online record of maintaining marks in differentsubjects

viii.Online generation of date sheets forexaminations

ix.Online issue and return of librarybooks

x.Online students' feedbacksystem

Overall, JUITheavily emphasizescontinuous internal assessment of all the students by dividing it into three components: class participation, quizzes and attendance. It automatically sets the students in continuous assessment mode during the entire semester. Moreover, class presentations are also conducted depending on the nature of the course.

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 takingFeedbacks from Students, Alumni and Industry (Employers) to assess the attainments of learning outcomesthe 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 basisat the end of semester taking into account the performance of each student in all components of assessment such

asinternal 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 levels 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 levels of POs and PSOs will be considered attained. However, if the COs attainment level is less than 1, POs and PSOs are considered not attained. After that, the average attainment level of POs and PSOs of the subject of a given semester for a given programme is calculated, which is finally reported as the final attainment level for that subject. Similarly, the final attainment level of all the subjects in each semester for a given programme is calculated and compiled.

After that, the average attainment level of all semesters is calculated which reflects the overall attainment score of the respective academic year. Based on the final score, we conclude whether the POs and PSOs of a department for a given year and programme have been attained

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

409

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/IQAC-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 University is making regular efforts to improve the laboratory facilities for research and innovation activities, including infrastructure. The University strives to create a conducive environment to enhance the culture of research and innovation. The current and future needs for upgrading and creating research facilities in emerging research areas are assessed yearly through departmental faculty meetings and communicated to the concerned authorities. The requirements of all departments are discussed, and provisions are made in the budget accordingly.

The University encourages and provides facilities for the faculty and PhD research scholars to carry out their research activities smoothly.

Additionally, adequate infrastructure and human resources are provided to support the researchers. The University encourages the faculty to get sponsored research projects and bring innovations. The University offers support to file patents through the IPR cell. The University encourages the faculty and research scholars to publish in peer-reviewed indexed journals. The University has many collaborations, both nationally and internationally. To keep the research at University abreast with the latest research in the world, the University organises national and international conferences. The University's Technology Incubation and Entrepreneurship Development Cell (TIEDC) carries out various activities to motivate students to develop and innovate technologies leading to Startups and Technological Ventures. Jaypee Education system has also established the centralised Directorate of Innovation, Research, and Development (DRID) to identify and fund novel projects involving faculty and students.

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)

3.2405

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

2

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

17

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 Research/Statistical Databases Moot court Theatre Art Gallery	**A. Any 4 or more of the above**

File Description	Documents
Upload relevant supporting document	View File

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

`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)

`NIL`

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)

`23.57`

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

`0.23`

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

The Jaypee University of Information Technology has a Technology Incubation and Entrepreneurship Development Cell (TIEDC). The TIEDC focuses on harnessing the talents and research strengths available in different engineering disciplines and applies the same to socially relevant projects in the form of startup ventures.

With these objectives, TIEDC has been functioning as Incubator since January 2017. TIEDC signed MoU with the Department of Industries on 08/05/2017 under the Chief Minister's Startup/ Innovation Projects/ New Industries Scheme for Providing Support for the Entrepreneurial and Managerial Development of Small and Medium Enterprises (SMEs) through Incubators. Currently, TIEDC is led by Dr Ashish Kumar, Chairman; Dr Nishant Jain, Member; Dr Ekta Gandotra, Member; and Dr Deepak Gupta.

TIEDC has dedicated space for Ideation, Network Meetings, Video Conferencing, conducting small Boot camps and office work. The space is dedicated to all those in the idea generation phase, searching out materials on which they want to work. TIEDC also facilitates hands-on experiences for innovators to develop prototypes/ products. ARANA 2.0: Toy Innovation Challenge 2021, E-summit 2021, VICHARANA 2020, Smart India Hackathon 2020, Adventum 1.0, Smart India Hackathon 2020, E-summit 2019 and Techstars-Startup Weekend 2018. So far, TIEDC has evaluated 116 applications and successfully incubated 25 startups. At present, three startups are in incubation. More information about the TIEDC is available athttp://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

21

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

21

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

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

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

11

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 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	B. Any 3 of the above

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

16

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

36

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

266

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

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

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

94

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

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

C. Any 3 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
439	439

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
439	439

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

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 views consulting projects as a crucial way to spread the benefits of its scientific research to diverse sectors of business and government, expanding the range of experiences available to the university community and serving as a vehicle for making a positive impact on theeconomic and industrial development of the nation. Appropriate consultation initiatives help the concerned academic members and the University in a number of ways in addition to offering the industry a much-needed service. They increase faculty members' professional experience and expertise, improving them as teachers as well as researchers.The university has taken various measures to promote consultancy by laying down a consolidated policy for the academic staff engaged in consultancy projects. A well-formed distribution of consultancy funds has been sought in the policy to be disseminated between the institute, faculty members, and staff taking up the consultancy work depending upon the nature of the consultancy project.

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)

6.82

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

he students, faculty and staff at JUIT are convinced that education is more than just what happens in the classroom. It is about understanding people's lives, helping them meet their needs, and finding processes to improve their lives. The students' involvement

in extension activities ignites their sense of social duty and motivates them to find solutions to social issues to build a peaceful society.As part of social sensitization and overall development, the students can participate in various activities in neighbouring villages.

Many functional societies in JUIT, like Gender Champion Club, Unnat Bharat Abhiyan (UBA) and National Cadet Corps (NCC) aim to develop students' creative and imaginative skills. UBA, a flagship program of MHRD, enables JUIT to work with the people of rural India to identify development challenges and evolve appropriate solutions for accelerating sustainable growth. Five villages in the vicinity of the University campus, namely, Chausa, Wakna, Domehar, Richhana and Bisa have been adopted to enhance their living standards and create a better environment for education and living. A team of students and teachers organises various activities in these villages for rural development. The main focus of these programs is to identify the issues related to daily activities in these hilly villages and try to solve these problems with sustainable solutions. The UBA team promotes various government schemes in adopted villages.

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

1

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)

8

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

780

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

68

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

5

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.

Jaypee University of Information Technology has a prominent place in the field of education, research, technology and innovation in Himachal Pradesh (HP). The University campus is spread over 25 acres of lush green picturesque slopes of HP. The infrastructure was built in a phased manner and has a built-up area of 74346 sq m. It encompasses an academic block with a spacious auditorium, lecture theatres, classrooms, tutorial rooms, laboratories, administrative offices, faculty offices and a learning resource centre on the first terrace of the hill. The second terrace of the hill has all the hostels, students' mess, guestrooms, helipad, outdoor sports facilities and dispensary. The lower terrace of the hill contains the civil engineering department, faculty residences, temple, laundry facilities and stores.

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 emphasises on the excellent health of students, faculty and staff. It has several sports facilities such as a Basketball court, Football ground, Volleyball court, Table Tennis Tables, Indoor courts and Fitness Centres (Gym).

Through the Sports Club, the University encourages students to participate in games such as Badminton, Cricket, Football, Basketball, Volleyball and Table Tennis. The University has six well-equipped fitness centres (Gyms), 02 Outdoor Badminton courts, 01 Football ground, 06 Table Tennis Tables and 01 Indoor Badminton court. The University also has a sufficient number of lecture theatres, conference halls, and an Auditorium to organise various cultural and literary events. It has an auditorium of approximately 1200 seating capacity and 03 lecture theatres for organising various extra and co-curricular activities.

JUIT Youth Club (JYC) is a student body. It helps students imbibe qualities like teamwork, sportsmanship and leadership. JYC organises sports and cultural activities through different clubs and committees like environment, art, movie, and sports, encouraging

students to engage in extracurricular activities. JYC organises Annual events such as Le-Fiestus, Murious, Diksha, Goonj, Dhun, and ParakaramIt also provides opportunities for students to develop their non-scholastic and social skills.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

The University campus is spread over 25 acres of lush green picturesque slopes of Waknaghat hills in the Solan district of Himachal Pradesh. The campus is pollution free. 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 listed below:

- Cafeteria and convenience shop: A convenience shop, tuck shop and a cafeteria for daily needs, refreshments, and snacks are available on campus. For variety, the menu in the cafeteria is changed regularly.
- Cleanliness: The entire campus is cleaned daily by the dedicated housekeeping staff. Dustbins are placed at various places throughout the campus. Water purifiers (RO) are installed for clean or safe drinking water, and water coolers are installed in academic block, hostels and mess.
- 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 Six fully equipped gyms with Treadmills, Cross Trainer and Cycles.

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)

108.16

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. Earlier, for library automation, an integrated library management system, namely, 'Alice for Window' was used, which was upgraded with 'Liberty' software in 2010. Softlink Asia has developed 'Alice for Window' and 'Liberty'. All the resources of LRC can be viewed and searched through Online Public Access Catalogue (OPAC) and are available over the Internet 24×7. Dedicated terminals with OPAC facility are available on each floor of the library.

Now, the library is switching to a universal and user-friendly open library management software KOHA. Currently, both the software are being used simultaneously until Koha customisation, and other processes are adequately settled as per the University requirements

An integrated electromagnetic security system from 3M, USA, was installed in 2006 to check library materials' movements. The library has been developing an institutional repository using D-space open-source software accessible from http://ir.juit.ac.in:8080/jspui. The library also focuses on subscribing to e-resources negotiated by the e-Shodh Sindhu 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 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)

27.38

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)

17737

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 75 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 'JUITSOLAN.IN' is provided to all teaching and non-teaching 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 the teaching, research, administrative and service functions.

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
1851	842

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

143.26

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 Univerity'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 utilising academic, research and physical facilities like laboratories, library, sports, computers and classrooms. The physical verification for labs is done regularly. The campus residents are provided with power backup using generators. The optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance activities. The AMC's purview includes maintenance of generators, CCTV cameras and Water Purifiers.

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)

1808

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

1424

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

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

A. All of the above

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

5.1.4 - The Institution adopts the following for redressal of student 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

- **All of the above**

online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

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

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

11

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

220

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

89

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

47

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

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

Jaypee University of Information Technology (JUIT) has a student council named JUIT Youth Club (JYC). JYC is a highly active body with several Clubs and Committees under its domain. The students' extra-curricular activities are organised as major and minor events throughout the year. JYC widens students' view from academics to other fields such as sports, literature, culture and technology and provides them opportunities to explore. The students are encouraged to become a member of a minimum of one and preferably more clubs to develop their personalities.

It helps students acquire effective communication, event management, teamwork, sportsmanship and leadership skills. Focusing on technical, literary, sports, and cultural scopes, these competitive activities, besides relieving students from academic stress, present an opportunity to instil confidence, encourage teamwork and give students a strong sense of achievement and belongingness.

JYC office bearers include President, Secretary, and Treasurer.

The various Clubs of JYC are in alignment with the NEP 2020 and presently are as under:-

- Technical Sciences, Movies & Photography
- Literary and Debating
- Cultural and Dance
- Sports
- Theatre and Music
- Environment, Ecology & Health
- Fit India Campaign

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

16

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

Jaypee University of Information Technology, Waknaghat, values good student-teacher relationships. The University 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 2500 connections.

JUITians are located worldwide, and many of them hold outstanding positions. Quite frequently, they contact our Training & Placement Cell to hire the students at their places.

Many of our alumni are working as Researchers and Professors at institutions of repute. They also help our students to get admission and placements at their institutions. They also help research scholars in their research and professional development activities.

The website of Alumni Cell serves as a vital bridge between the University and the alumni. Through this platform, alumni receive updates about various activities conducted at the University. They can connect to their alma mater through this website. The alumni get birthday wishes on their birthdays once they register on the website. The Alumni Cell is a strong bond between the University and its alumni.

JUIT has over 7000 alumni over 16 batches in the last 20 years.

Although the connection with older batches is limited, for the past year, JUIT Alumni Cell has been putting sincere efforts into enhancing the relationship with the alumni.

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

JUIT Waknaghat offers a scholarly climate to its students to impart the propensity for deep- rooted learning. Its structure and framework give students diverse opportunities to realise and explore their potential in different horizons. Post-graduate students are encouraged to cultivate freedom in thought and activity. Students are motivated to utilise suitable innovative ideal models for given assignments, investigate innovations, and lead groups to tackle complex issues. Therefore JUIT works according to its stated Vision and Mission. We have adopted the following Vision and Mission statements and keep on working to achieve these.

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.

Mission:

M1. To develop as a benchmark University in emerging technologies.

M2. To provide state of the art teaching-learning process and a stimulating

R&D environment.

M3. To harness human capital for sustainable competitive edge and social relevance.

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 practices and promotes the culture of participative Management in all its activities like Administration, Admission, Student Activities, Curriculum Development, Research and Sports. The University has given equal representation 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 Office of the Pro-Chancellor keeps on giving directions for the smooth functioning and progress 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 for various key activities, the Heads of Departments, and the Registrar, who looks after the administrative activities of the University. The Dean is the Head of all academic and research programs and is responsible for maintaining the standards of teaching and research in the faculty. The Finance Officer performs other such functions as may be assigned to him by the Executive Council or as may be prescribed by the Statutes or the Ordinances. The Controller Of Examination (COE) conducts the university examinations of all UG and PG classes by following all fair means of conduct.

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, comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management. JUIT has had many successful implementations as required, but one of the best is in 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.

Entrepreneurship programs have been challenging in the Indian context due to a lack of information regarding the business prospects in various technology-driven sectors. Additionally, there needs to be more awareness regarding the support systems for Startups and Innovative projects from different Government agencies. Therefore, there is a need to create awareness among the youth, looking for opportunities to explore their full potential by setting up their business ventures.

Since our University has an incubation centre (TIED Cell) funded by the Himachal Pradesh government, students doing projects in the centre can always find the opportunity of getting their ideas incubated and get the sustenance allowance of Rs. 25,000/-per month for one year.

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

various bodies such as the 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. The service rule book is accessible to the employees whenever they want to refer to the same.

JUIT has following policies in place:

(i) Code of Ethics for Research.

(ii) Computer Replacement Policy 2022.

(iii) Consultancy Policy 2022.

(iv) Divyangjan Policy and Initiatives.

(v) e-Governance Policy 2022.

(vi) Internet Usage Policy 2022.

(vii) IT Policy.

(viii) Policy for Promotion of Research 2022.

(ix) Policy on Class Rooms.

(x) Policy on Guest Room.

(xi) Policy on Laboratory Maintenance.

(xii) Sports Policy.

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

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

6.2.3.1 - e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

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 annually for every academic year, which is to be evaluated by the concerned Head of Departments. Dean of Academic 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. There are guidelines for assessing the teaching-learning profile, co-curricular activities and research activities of the concerned faculty. The faculty member is required to earn a specific number of academic points (API) as per the criteria for becoming eligible for the respective promotion stage. The forms are evaluated with comments from HoD, Dean of Academics & Research and finally by VC. The evaluation reports are kept in faculty files for records for future reference.

The following effective welfare measures are available for teaching and non- teaching staff:

- EPF and Gratuity benefit, as per norms of the government, is also provided to the employees of the JUIT.
- 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.**
- **Paid paternity leave (10 days).**
- **Paid leave for visits in connection with research work.**
- **The employees of the JUIT can avail the basic medical facilities at the University Dispensary.**

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

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

23

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

12

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)

82

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-strategised resource mobilisation 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, industry, philanthropy and CSR. 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. The University is also aiming to register more students in the coming years into its different programs to strengthen its financial position. Financial resources are accumulated from the following sources:

- Academic fee collection from the students
- Hostel fee collection from the students
- Summer training program fee
- Consultancy services
- Interest received on FDs
- Grants for Research activities from Government and Non-government Bodies
- Grants from various Government and Non-government bodies for specific programs

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

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

27.5

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)

25	

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 a budgetary control system to monitor the effective and efficient use of financial resources. 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. Internal Auditors suggest ways to maximize internal

control and internal checks on all monetary transactions, stores, fixed assets, optimum workforce and machinery. Internal Auditors also puts checks and balances on statutory payments, such as Income Tax and Provident funds. Internal Auditor conducts audits on a quarterly basis and gives the internal audit report accordingly.

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.The induction involves an 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.

2. Learning outcome-based curriculum framework-revision of curriculum in regular intervals: The university, since its inception, has an outcome-based course curriculum. The curriculum revision is carried out regularly to ensure that the objectives and outcomes are relevant and updated with current times. 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
Upload relevant supporting document	[View File]()

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on	A. Any 5 or all of the above

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)	

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting documnent	[View File]()

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

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. During the course of regular activities, feedback from the stakeholders was collected.

Academic (Teaching and Learning)

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. Feedback in online mode.

3.To oversee the feedback of faculty considering different programmes/courses.

4.To ensure that study material/course files are maintained and updated.

Academic Research

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

in the Institute, ensuring that faculty/students are cognizant and periodically made sensitive about the issues of safety, environment, plagiarism and ethics while planning, performing research and publishing after that.

Professional and Social Activities

The Professional and Social Activities Sub-committee audits the quality of the professional and social activities other than teaching and research that are carried out in the Institute. Professional activities include consultation projects, conferences, workshops and special courses. Social activities include activities which promote social harmony and awareness.

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

JUIT has a strong ethical ethos based on integration. It upholds the highest standards of conduct in all its activities. JUIT believes in 'Respect for All' and ensures that women get equal opportunities in participation in every aspect. Equal opportunities are available to everyone regardless of gender, race, class, colour, creed, language, religion, political opinions, nationality, social status, property, birth, or any another status. Its unique work culture, healthy traditions, and ethos have led to the enrolment of girl students and women staff. University conducts many awareness programs from time to time for female students and staff. Safety, security, and well-being, along with gender equity and a friendly working atmosphere, are the issues of prime concern to JUIT.

Salient-specific measures taken at the University level for women's participation:

1. JUIT has a separate hostel for female students with 24×7 security guards.

2. Availability of a lady doctor and a lady nurse on the campus 24×7.

3. The campus has CCTV cameras installed at prominent positions

providing a sense of security to women students and staff.

4. A professional clinical psychologist is available thrice a week to provide psychological counselling for girls free of cost.

5. To provide an avenue for personality development and to meet the aspiration of students willing to contribute to nation-building, JUIT has separate NCC wing for girls.

6. JUIT has constituted an "Internal Complaint committee" to prevent, prohibit, and redress sexual harassment of women employees and students.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Page 1 of 5 7.1.1 Annual Gender Sensitization Action Plan JUIT has a strong ethical ethos based on integration. It upholds the highest standards of conduct in all its activities. JUIT believes in "Respect for all". It is ensured that women get equal opportunities in participation in every aspect. In JUIT equal opportunities are available to all people regardless of gender, race, class, color, creed, language, religion, political or other opinion, nationality or social status, property, birth or other status. Its unique work culture, healthy traditions and ethos have led to enrolment of girl students and women staff. University conducts many awareness programs from time to time for female students and staffs. Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern to JUIT. Salient specific measures taken at University level for women participation ? JUIT has separate hostel for female students with 24×7 security guards. ? Availability of lady doctor and lady nurse in the campus. ? Campus is covered with CCTV cameras at prominent positions providing a sense of security to women students and staffs ? Female students are encouraged to take up outdoor sports like volleyball, badminton, etc. they are guided by female sports coach cum fitness trainer ? JUIT has separate washrooms for female students and staff. ? A professional clinical psychologist is available thrice a week for providing psychological counseling for girls free of cost. Page 2 of 5 ? In order to provide an avenue for personality development and for meeting the aspiration of youth students wanting to contribute to

nation building JUIT has separate NCC for boys and girls. ? JUIT has constituted "Internal Complaint committee" for prevention , prohibition and redressal of sexual harassment of women employees and students https://www.juit.ac.in/internal-complaint-committee-notices ? JUIT has constituted "Committee for complaint against caste based discrimination" for handling issues related to caste based abuse against women employees and students https://www.juit.ac.in/committee-caste-based-notice Gender Champions Club: To promote gender equality JUIT has gender champions club. In order to promote gender equality, guaranteed by Article 15 of the Indian Constitution, we need to change the mode of interaction at all levels - home, school, and workplace and so on. To increase the outreach for creating an environment that fosters equal treatment, Government of India envisages engagement of Gender Champions in all schools and colleges across the country. Gender Champions can be any student above 16 years of age enrolled in educational institutions. It is a joint initiative of the Ministry of women and Child Development and Ministry of Human Resource Development. ? Gender Champions are envisaged as responsible leaders who will facilitate an enabling environment within their schools/colleges/academic institutions where girls are treated Page 3 of 5 with dignity and respect. They will strengthen the potential of these young people to advocate for gender equality and monitor progress towards gender justice. ? The broad mandate of a Gender Champion is to provide an integrated and interdisciplinary approach to understanding the social and cultural constructions of gender that shape the experiences of women and men in society. The aim is to make the young boys and girls gender sensitive and create positive social norms that value the girls and their rights. 1. Gender Champions club on Institutional website:

https://www.juit.ac.in/genderchampions-club 2. Gender Champions club constitution: https://www.juit.ac.in/GC_Board JUIT has conducted several programs for female students. Some of them are following ? e-Essay contest on " Role of Women in Science and Technology" Available at: https://www.juit.ac.in/committeesjuit/caste/events/ReportoneEssayContest.pdf ? webinar on women Empowerment talk by Mrs Aushima Thakur (Director HR, Philips , Netherlands) Available at: https://www.juit.ac.in/committeesjuit/caste/events/ReportWebinaronWomenemp ower ment17thOct2020.pdf ? La Peinture , a e-poster contest done on the theme of Women empowerment and feminism Page 4 of 5 Available at: https://www.juit.ac.in/committeesjuit/caste/events/ReportLaPentinureeposte rcontest1 7thOct2020.pdf ? On the occasion of International Women's Day, 2022 United Nation's presented "Gender equality today for a sustainable tomorrow" as its theme. Available at: https://www.juit.ac.in/committeesjuit/caste/REPORT webinar march8.pdf Annual gender sensitization action plan: Gender Equality & Equity Programme and action planning with Student Committees Sl. No Strategic Goal Target Participants Action Plan 1 Women Empowerment Students and staff ? Talk was delivered on women empowerment and gender equality ? Build confidence to express yourself ? Self-awareness ? Need of empowerment https://www.juit.ac.in/committee sjuit/icc/events/17sept.pdf https://www.juit .ac.in/committeesjuit/Webinarreport16thOct20 21.pdf https://www.juit.ac.in/committeesjuit /caste/events/ReportWebinaronWomenempowermen t17thOct2020.pdf 2 Gender-based violence Students and staff ? Talk was delivered by Dr.Deepa Rathore (Clinical Psychologist DDUZH, Ripon, Shimla) on women safety ? Emphasis was given to handle the physical and emotional abuse of women ? organized a virtual self-defence workshop " Guard Up" for students of various schools and colleges https://www.juit.ac.in/committeesjuit/icc/ev

	ents/WomenSafety.pdf https://www.juit.ac.in/committeesjuit/icc/ReportGUARDUPFeb142022.pdf Page 5 of 5 3 Gender equality in the economy Students and staff ? Women equality day was celebrated https://www.juit.ac.in/committeesjuit/icc/WomenEqualitydayreport.pdf 4 Women Rights and Gender equality Students and staff ? e-Essay Contest on the topic "Role of Women in Science and Technology" ? The winners were awarded with E-certificates. Also, e-certificates of Participation were provided to all the participants ? e-poster contest organized with the motive to encourage students articulate their artistic feelings and thoughts https://www.juit.ac.in/committeesjuit/caste/events/ReportoneEssayContest.pdf https://www.juit.ac.in/committeesjuit/caste/events/ReportLaPentinureepostercontest17thOct2020.pdf 5 Gender champions club Faculty, staff and students ? https://www.juit.ac.in/GC-events JUIT is committed towards providing equal opportunities to all. In future we are planning and committed to work on following action plans to promote gender sensitization Action plan 1: Enable students to have a wider role in working in partnership to address gender imbalance Activity: Gender Equality & Equity Programme and action planning with Student Committees Action plan 2: Influence school pupils' perceptions of industries and subject areas with high gender imbalances Activity: Visits to local schools promoting subject areas to minority genders
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	a. Safety and security b. Counseling c Seminars

7.1.2 - The Institution has facilities for alternate sources of energy and energy	**A. Any 4 or All of the above**

conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	

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 STP facility inside the campus effectively disposes of solid waste. Bio-degradable wastes are converted into fertilizers by Compost machine FSK099 with a 1000 Kg/day capacity. Several biogas digesters are also installed inside the campus. University discourages the use of plastic. JUIT has one effluent treatment plant (ETP) with a capacity of 300 KLD. The effluent treatment plant treats 240M3 waste/day, which is disposed of domestically in gardening/irrigation practices. The JUIT has 2 DG sets, silent with Canopy type, of capacity 750 KVA, which consumes fuel (Diesel) at the rate of 80 Ltrs/Hr. DG sets have Acoustic Enclosure Exhaust Muffler + Stack type air pollution device, which has an efficiency of 90% (reduction). The final amount of pollution being emitted is reduced to NOx<9.2, HC <1.3, CO<3.5 & PM<0.3 (units in g/kw-hr). b. Liquid Waste Management Liquid waste, mainly sewage-Waste/laboratory/residential/washing/canteen, is directed to the STP. JUIT also uses enzyme-based- bacterial-treatment tablets in washrooms to keep washrooms neat and clean. The treated water is disposed of domestically in irrigation/gardening practices. c. Biomedical Waste (BMW) Management JUIT exports its biomedical waste to Environ Engineers, CBWTF Sandli Solan (HP). d. E-Waste Management JUIT recycles its E-waste with the help of Green Vortex Waste Management Private Limited, IMT Manesar, Haryana. e. Waste Recycling System Degradable solid waste is dumped in the ETP-cum-STP unit of JUIT. Electronic waste is disposed off through Government authorised agencies for recycling. f. Hazardous Chemicals and Radioactive Waste Management

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

7.1.4 - Water conservation facilities available	A. Any 4 or all of the above

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	

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

and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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 promoting cultural, spiritual, and ethical values among staff and students. Several activities are organized on the University campus from time to time so that students can learn to be morally and socially responsible. Management is very much supportive of celebrating various commemorative days to inculcate feelings of oneness and social harmony among students and faculty. University celebrates various cultural and regional festivals like Fresher's party, Orientation Programme, Teachers' day, Yoga Day, Women's day, Lohri, etc. In addition to academic and cultural activities, JUIT provides numerous sports facilities for students' physical and mental development. In this way, the University attempts to provide a place that includes everyone who is considerate and tolerant of diversity in culture, religion, region, language, and socio-economic status.

Some of the programs organized in the last five years are:

(i)Events organized by IEEE students branch like Cyber Verse, IOT Workshop, Programming, Cloud computing, Graphic design, IEEE Day

(ii) Academic institution visit to Central Research Institute

(iii)Slogan Writing Competition and Nukkad Natak

(ivi)Workshop cum Exposure visit to the Department ofPhysics and Materials Science (PMS)

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:

To promote gender equality, guaranteed by Article 15 of the Indian Constitution, the Government of India envisages engagement with Gender Champions in all schools and colleges across the country. The Gender Champions Club in JUIT came into existence in August 2018. Gender Champion can be any student above 16 years of age enrolled in any educational institution. It is a joint initiative of the Ministry of Women and Child Development and Human Resource Development.

The broad mandate of Gender Champion Club is to provide an integrated and interdisciplinary approach to understanding the social and cultural constructions of gender that shape the experiences of women and men in society. The aim is to make young boys and girls gender- sensitive and create positive social norms that value girls and their rights. JUIT, Gender Champion Club has been organising multiple events, from slogan writing to street plays and webinars, to sensitise the students about citizens' rights, duties, and responsibilities.

Various courses such as Indian Constitution (VII Semester), Interpersonal Dynamics, Values and Ethics (III Semester), Understanding India: Literary Reflections (VI Semester) and Human rights for Technocrats (VI Semester), apprise students of the importance of ethics and values for a sustainable environment. Ethics and values help students shape their identity and strengthen a culture of inclusiveness.

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	All of the above

awareness programmes on Code of Conduct are organized

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

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

Institution celebrates/organises national and international commemorative days, events and festivals:

JUIT has always been very vibrant owing to its multicultural environment. It has been organising and celebrating events and all major festivals yearly, such as Lohri, Diwali, and Holi. The Bhutanese students here have also been celebrating their major festivals with everyone on the campus.

JUIT has been constantly engaged in personality grooming and making the communication of students effective. We have staged English plays that have boosted students' confidence and sense of theatricality, making them win prizes and certificates in national-level competitions. In the Year 2019 students performed at IIT BHU and got the trophy for the same, which reflects the all-round development of the students.

NCC has been hosting the parade on 15 August and 26 January every year since its inception, i.e. September 2018. The NCC students have also partaken in events like the Tree Plantation Drive, Cancer Awareness, and Swachhta Abhiyan.

The Environment Club hosts events such as Master Chef, Tree Plantation Drive, Awareness and Cleanliness Programme, and National Yoga Day.

The Sports Club has been organising interdepartmental sports activities on campus since 2019 in Volley Ball, Badminton, and Table-Tennis. It recently started FIT India Campaign, which covers different aspects every month, all year round.

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

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

Title of the Practice

Technology Incubation and Entrepreneurship Development (TIEDC)

Objectives of the Practice

- **In Entrepreneurial-eco-system, inducing an Entrepreneurial mindset into youths to contribute towards market expansion and job creation by inculcating managerial skills to run their business venture.**
- **To establish a linkage between the University-Industries-R&D-Institutions-Financial- Institutions.**
- **To conduct Entrepreneurship-Program/workshops to develop Entrepreneurship/Innovation-skills in the youth.**

Best practice-2 Title of the Practice Foreign Student Exchange Program Objectives of the Practice

It enables students to study abroad at one of the University's partner institutions and helps in a giant leap toward their future goals. Students improve their language skills/gain independence/develop- global-perspective.

The Context

It is a study program in which students pursue education at one of the international institutions for six months to one year. It is different from the usual study-abroad programmes. These programmes enable students to learn at different levels and get out of their comfort zone for enhanced learning and personal growth.

The Practice

It includes sending undergraduate/graduate students to do a course as a part of their regular degree in this foreign-student exchange programme. It helps them to expand their perception and boost employability. It shows employers that the student is capable of

adapting quickly to changing situations and is able to solve large-scale problems also.

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)

Fee Concession for Military wards

In JUIT, the relaxation in the fees for the military wards is being given since the academic year 2019-20. According to this criterion, a 30% tuition fee concession to wards of serving and retired Armed Forces and paramilitary forces personnel for Undergraduate Programs is being given. An additional 5 percent (30+5=35%) discount in tuition fees for wards of war widows is also given.

and Skill Development Programs

Programs were organized for the officers of HPPWD

2018-2019:

- https://www.juit.ac.in/department/civil/Mix-DesignMethologyforConcreteandBitumen(10th-15thJune).pdf
- https://www.juit.ac.in/department/civil/Mix-DesignMethodologyforConcreteandBitumen(24th-29thJune2019).pdf

2019-2020:

- https://www.juit.ac.in/department/civil/Mix-DesignMethodologyforConcreteandBitumen(2nd-7thSeptember).pdf
- https://www.juit.ac.in/department/civil/Mix-DesignMethodologyforConcreteandBitumen(23rd-28thSeptember).pdf

2020-2021:

- https://www.juit.ac.in/department/civil/Workshop08-18August.pdf
- https://www.juit.ac.in/department/civil/SustainableHighwayInfrastructure.pdf

7.3.2 - Plan of action for the next academic year

1. Increase in the strength of students and faculties.

2. Increase the research labs infrastructure.

3. Encouragement for industrial interactions for projects and research.

4. Competing for more research project grants and developing more Intellectual Properties

5. Efforts for improving academic and research quality