SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

WAKNAGHAT, POSTOFFICE WAKNAGHAT TEHSIL KANDAGHAT DISTRICT SOLAN
173234
https://www.juit.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

ABOUT JUIT

Genesis and Accreditations

- The JUIT was conceived by a joint vision of the Govt of Himachal Pradesh and the Founder Chairman of Jaypee Group Shri JaiPrakash Gaur in 2000. Land was provided on lease by the State Govt and the university was established by Act No 14 of 2002 vide Extraordinary Gazette Notification of the Govt of Himachal Pradesh dated May 23, 2002. The University Grants Commission accorded its approval under Section 2(f) of the UGC Act vide their Letter No. F 9-10/2002(CPP-1) dated 09 Dec 2002. The JUIT is also a member of the Association of Indian Universities (AIU).
- The academic activities of JUIT commenced from July 2002 and currently offering undergraduate B. Tech degree programs in Bioinformatics, Biotechnology, Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electronics & Computer Engineering and Information Technology.
- Besides B. Tech programs, the university is presently offering M. Tech in Biotechnology, Biotechnology with specialization in Industrial Biotechnology and Medical Biotechnology, Civil Engineering with specialization in Structural Engineering, Construction Management and Environmental Engineering, Computer Science and Engineering, Computer Science and Engineering with specialization in Information Security and Data Science, Electronics and Communication Engineering, Electronics and Communication Engineering with specialization in Internet of Things. M Sc Programs are offered in Biotechnology, and Microbiology.
- Doctoral Phd is offered in Biotechnology, Bioinformatics, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Humanities and Social Sciences, Mathematics, Physics and Materials Science.
- The University has been twice accredited by NAAC (2011 and 2017).

The Campus

- The University campus is spread over 25 acres of lush green picturesque slopes of Waknaghat hills in the Solan District of Himachal Pradesh. The smart campus is pollution free and enjoys lovely weather throughout the year.
- JUIT has a built up area of 74228.71 sq m. It encompasses an Academic Block with spacious Auditorium, Lecture Theatres, Classrooms, Tutorial rooms, Laboratories, Administrative Offices, Faculty Offices and Library. 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 Dept., Faculty residences, Temple, Laundry facilities and Stores. The entire campus is wifi enabled.

Vision

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

MISSION

- To develop as a benchmark University in emerging technologies.
- To provide state of the art teaching-learning process and a stimulating R&D environment.
- To harness human capital for sustainable competitive edge and social relevance.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strengths

- Positive experience with those who interact with the campus
- Faculty and staff support Vision and Mission of University
- Medium size campus with reasonable class size in Hilly Area
- Dedicated and motivated faculty
- Shared and healthy governance
- State-of-the-art laboratories, computerized world-class Learning Resource Center, and access to Wi-Fi facility throughout the campus
- One of the Most Beautiful Campuses in India

- National and State Level recognitions through DBT-Sponsored M.Sc Biotechnology programme, DST-FIST, DBT-CoE, Technical agency in Biogas by Govt. of Jharkhand and HP.

Institutional Weakness

Weaknesses

- Geographical Location
- Limited resources for staff and faculty development
- Sole dependence on Students' fee, very limited research funds
- Less industrial linkage

Institutional Opportunity

Opportunities

- Expansion of Academic Programs
- Curriculum development for the needs of society
- Increased requirement of CS/IT professionals
- Working for research grants
- Strengthening its alumni network

- Translating Bio-Wealth to Bio-Economy of Himalayan Region"

Institutional Challenge

Challenges

- NIRF rankings going downwards
- Increased number of NITs and IITs, increase in the intake of these institutions, new universities in the area
- Public perception

- Lack of space to grow with new programs

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Curricular Aspects

The Jaypee University of Information Technology (JUIT) campus is lush green with energy conservation structures which help in making students sensitive towards environmental issues. JUIT with 7 departments covering 14 programs in UG, PG & Ph.D. Curriculum is enriched with recent advancements in respective fields keeping environment, human ethics, sustainable development, entrepreneurship and other life skills in view. The curriculum plays an important role in guiding young people to become competent professionals with emphasis on social responsibilities. University encourages students to undertake project work, dissertation, and internship to expose them to real world problems and their solutions. Institute focuses on Outcome Based Education in all programmes and are aligned with Institute's vision and mission. In order to keep up with latest technology trends and to meet industry needs, new courses are frequently offered. Institute follows a well-defined process to introduce or revise courses which are presented at the Program Curriculum committee, Program Evaluation Committee, Board of studies (BOS) for their critical review and then the recommendations of BOS are placed before the Academic Council for approval.

The academic system of JUIT is flexible and allows students to opt for departmental or open electives. Minor Specialization in the areas other than their main programme is also offered as an option to the UG students. Proficiency in selected areas is also part of course Curriculum. Regular feedback from the stake holders (Students, Parents, Alumina, Industry, Others) are taken in consideration for updating and revising the courses from time to time. These revisions are keeping us in pace with the global needs .Students are also encouraged to opt for NPTEL/MOOC courses. At JUIT, we strive to provide a learning and research oriented environment to students so that they can flourish to their full extent. Teachers are well experienced with national and global exposure, and in order to cater current and future needs, they upgrade their knowledge through FDP and training. Guest lectures by eminent speakers both in online and offline mode is regular feature of the university.

Teaching-learning and Evaluation

Teaching-Learning & Evaluation

The Jaypee University of Information Technology (JUIT) offers various prorammes in BTech., MSc, M Tech and PhD in different domains like Electronics and Communication, Computer Science, Information Technology, Bio-Technology, Bio-Informatics,Civil, Mathematics, Physics, and Humanities and Social Sciences. Admissions in different programmes are based on both All India Examination like JEE/ GATE/NET/Merit. JUIT follows the reservation policy as per government norms . JUIT strongly believes in keeping the wellbeing of its students therefore it follows the mentoring system right from the first semester. The university maintains fairly good mentor-mentee ratio of 1:20.

For improving and maintain the conducive teaching-learning environment, good quality of teacher is essential. The university has approximately 90% of teachers who are Ph.D. holder and they strike a right balance between teaching and research. ICT enabled Teaching is a part of system.

Academic programmes are focussed on Outcome-Based Education. The specified and widely disseminated learning outcomes/graduate characteristics are completely incorporated into the assessment process. CO, PO, and PSO accomplishments are evaluated and so that needful can be done for the betterment of the students. JUIT gives a complete focus on the students who are facing some difficulty in different subjects and conduct remedial classes also wherever it is necessary. JUIT follows a Choice Based Credit System and Elective Based system in all programmes. Professional Electives and Minor courses also offered with the regular one. The Academic Calendar is followed strictly.

The database of all the students, teaching and non-teaching staff are maintained through our online portal which is called as Webkiosk. All the records of a student like subjects enrolled, credit earned, and attendance are maintained on the webkiosk which a student or parents can check from anywhere and complete details. To make the examination and assessment transparent, the system has been developed in such a way that students can check their evaluated answer script as well as their assessment before it is formally entered in their grade sheet, so that they can learn from their mistakes and improve their performance. Students' feedback is also being collected at the end of every semester and necessary corrective actions are taken, if required.

Research, Innovations and Extension

Research, Innovations and Extension

The research and innovation in an institute plays a key role in its development and that of its faculty members. To attain excellence in the same, Jaypee University of Information Technology encourages and selects the faculty having a dedicated and diverse attitude towards research and innovation. The scrutiny makes sure to shortlist candidates, who have the potential to benefit the institute and research scholars from their research experience and expertise. The faculty is encouraged to apply and bring sponsored projects from various national and international funding agencies. The faculty is encouraged to publish papers in indexed journals of international repute having high impact factors. The Ph.D. scholars are motivated to take up research in latest important areas of concern. Research committees such as DPMC have been framed for each research student to monitor his/her progress and provide valuable suggestions. The faculty of the University has successfully completed many sponsored research projects and executing other sponsored projects. JUIT has well established research policy to promote research and innovation and provides infrastructure supported by state-of-the-art research laboratories having latest high-tech equipment along with advanced softwares. There are different PG and Ph.D. programmes offered to students to carry out quality research work. The departments of the University organize many national and international conferences, workshops, seminars, symposia, webinars, where eminent scientists and scholars from India and abroad are invited for keynote addresses which provide exposure to latest developments worldwide and fruitful interaction with fellow researchers. The students and faculty of the University have published more than 1000 research papers in peer-reviewed journals in the last five years. All Ph. D. scholars are required to have at least three publications in Scopus/SCI indexed journals. No Ph. D. thesis, M. Tech. dissertation or B.Tech project report is accepted without a proper plagiarism check through turnitin for which the facilities exists in the University. The University provides research assistantship to the registered research scholars at post-graduate and doctoral levels to encourage them to carry out good research work. The University in addition to this has signed MOUs with leading academic and scientific organizations for collaborative research.

Infrastructure and Learning Resources

Infrastructure & Learning Resources

The Jaypee University of Information Technology (JUIT) is spread over 25 acres of lush green picturesque slopes of Himachal Pradesh with a build-up area of 74346 sq.m. The University provides adequate infrastructure with Wi-fi facility to promote a conducive teaching-learning environment. The campus has 1 Gbps dedicated leased line Internet connectivity from BSNL and 75 Mbps from Railtel under National Knowledge Network (NKN).
The university has fourteen hostels equipped with a centrally controlled heating system. The campus has hostel facilities to accommodate 1688 students, 87 faculty residences, 5 gyms for students, 6 TV lounges, 32 classrooms (including tutorial rooms and lecture theatres), 63 laboratories, and one auditorium with 1200 seating capacity. All the classrooms, tutorial rooms and lecture halls are ICT enabled. The university has a student-computer ratio of 1:2
The Learning Resource Centre (Library), a three-story building spread over a carpet area of 1020.19 sq. m., is attached to the academic block of the university. It is a hybrid library that comprises of print, digital and electronic information resources. The library has over 42600 print books, subscriptions to 70 print periodicals, and various e-resources such as IEEE, Springer, Nature Journal, SIAM (e-books), ASCE, etc. The Online Public Access Catalogue (OPAC) and

e-resources are accessible 24x7 over the Internet through individual log-in or IP range of the university.

It has several kinds of sports facilities such as a Basketball court, Football ground, Volleyball court, Table Tennis boards, badminton outdoor/Indoor court and fitness centres (Gym). JUIT Youth Club (JYC) is a student body of the university that organizes sports and cultural activities through different clubs and committees like environment, art, movie, sports, etc. regularly which encourages students to engage in extracurricular activities and organized the Annual fests such as Le-Fiestus, Murious, Diksha, Goonj, Dhun, Parakaram, etc.

The university has a dispensary with an ambulance van and availability of Medical practitioners. Other basic amenities like mess, cafeteria, bank with ATM, laundry facility, BSNL exchange, services of a psychological counsellor, outdoor floodlit grounds, temple, CCTV surveillance, etc. are also available on the campus to cater to the various needs of the university community.

Student Support and Progression

Student Support and Progression

Jaypee University of Information Technology (JUIT), Waknaghat, takes necessary steps to provide assistance and support to students in order to enable them acquire meaningful experiences for learning at the campus and to facilitate their holistic development and progression. The University facilitates mechanisms by establishing and prolifically activating guidance cell, placement cell, equal opportunity cell, grievance redressal cell and welfare measures to benefit students. Provision is made for bridge and value-added courses in relevant areas. Institution has a well-structured, organized guidance and counseling system in place. Various student clubs/committees, student chapters plan and execute multiple events including hackathons, coding games, sports and cultural activities through JUIT Youth Club. JUIT provides a variety of merit-based scholarships, teaching assistantships, research assistantship to MTech and PhD students to facilitate their research and development.

The University implemented several good practices that facilitate vertical movement of students from one level of education to the next higher level of academic growth and sustained employment opportunities. The University sincerely attempts to conduct several competency enhancements programmes for the benefit of students to clear competitive examinations. The University promotes inclusive practices for social justice and better stakeholder relationships. Sincere attempts are made the University to impart value-based education for inculcating social values. The institution has the required infrastructure and promotes active participation of the students in social, cultural activities that are beneficial to the family and community. T&P Cell of JUIT, Waknaghat is very active and good number placement offers are being offered to our students, last year some of the highest packages being 50 Lacs by Microsoft, 45 Lacs by Adobe, 32 Lacs by Amazon etc. The university has an active Alumni cell that conducts alumni meets and interactive sessions. Alumni are part of certain institute committees and their suggestions are incorporated. The dedicated website and university newsletter have specified pages highlighting Alumni achievements and contributions.

Governance, Leadership and Management

Governance, Leadership and Management

Jaypee University of Information Technology, Waknaghat, has a dynamic, well-coordinated administrative structure and strong leadership, allowing the University to thrive in academics, research and outreach. The University also promotes a culture of participatory management, which is reflected in the composition of its Statutory Bodies, which include Executive Council, Academic Council and Finance Committee, which include representatives from all relevant fields/faculties. To promote decentralization and boost administrative efficiency, several new positions have been instituted on a regular basis. All committees and various statutory bodies, including IQAC, hold their meetings as per regulations. The University departments function within the aegis of the faculties. They conduct curricular/ co-curricular activities, identify core areas of research and social outreach and design/revise curricula, subject to academic approval by the University statutory bodies. The faculty has academic freedom in terms of selecting teaching, research and other assignments after due consultation with Heads and as per University policies/guidelines. JUIT also has a well-structured annual self-appraisal system for faculty and non-teaching staff. The University officials interact with stakeholders on a regular basis through interactions with students, alumni, parents, industry, and employees and take their feedback for continuous improvement of the system.

JUIT has also already implemented e-governance in various fields such as administration, admission, academics (attendance, course content), salary, examination-related matters, etc. JUIT has also implemented several faculty empowerment strategies to support the professional development of the staff through various welfare schemes, policies, conducting workshops/ FDPs, and providing financial assistance to attend conferences/seminars/workshops. The JUIT also promote collaborative research and industry exposures through MoUs with Institutions and Industries of National and International repute. The JUIT also conducted regular internal and external financial audits.

Through its rigorous process of feedback collection, recommendations, and action monitoring, IQAC has effectively participated in the quality assessment of the institutional academic and administrative culture. Therefore, its efforts in promoting institutional R&D activities, increasing sponsored research projects, establishing specialized labs and groups, procuring instruments/software for high-end research, Patents, increasing library resources, developing policy frameworks at different levels, etc. are visualized.

Institutional Values and Best Practices

Institutional Values and Best Practices

The Institutional Values and Best Practices proclaim the nature perspectives of the University towards the outside world and its moral values. Our best practices through the delivery of various programmes will ensure the opening up of frontiers of higher order thinking and problem solving to instil and ignite creative sparks in the young aspirants. JUIT is well-equipped to handle and respond to gender-sensitive issues and provides an environment where students can study together with a sense of security and dignity. JUIT conducts regular gender equity promotion programs. Also, sensitivity to climate changes and environmental issues is considered with utmost priority. JUIT offeres environment-friendly practices such as – energy conservation, waste recycling and green practices etc. The University conducts green and environmental audits regularly and is committed to an eco-friendly setting on campus. Innovative ideas and practices are adopted towards a common and better future. The University has taken numerous initiatives to incorporate environmental consciousness

among people regarding human activities in the environment. The institution also provides facilities for differently-abled students and staff and aims to promote an inclusive learning, teaching and working environment. Institute provides an inclusive environment for cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities are organized inside the University to promote harmony towards each other. The University provides opportunities to participate in and celebrate commemorative and national days of importance to imbibe in the minds of students' awareness of contemporary issues the spirit of Nationalism. The authorities try to teach the students the idea of having an open mind about values, rights, and duties. Institute has a very firmly laid out code of ethics for students and a separate code of ethics for teachers and other employees, which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities. Regarding Best Practices, research, e-management, and peer mentoring are some of the issues the Institute regularly follows. Through all its sustained efforts, University tries to fulfil its vision of being a Centre of Excellence in IT and related fields and endeavours to create its institutional distinctiveness.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
Address	Waknaghat, Postoffice Waknaghat Tehsil Kandaghat District Solan
City	Waknaghat
State	Himachal pradesh
Pin	173234
Website	https://www.juit.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Vice Chancellor	Rajendra Kumar Sharma	01792-257999	9872202705	01792-245362	vc@juitsolan.in
IQAC / CIQA coordinator	Sunil Kumar Khah	01792-239221	9816975754	01792-245362	sunil.khah@juit.ac.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	23-05-2002
Status Prior to Establishment,If applicable	

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC	09-12-2002	[View Document](#)
12B of UGC		

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Waknaghat, Post office Waknaghat Tehsil Kandaghat District Solan	Rural	25	74228.71	BTech, MTech, MSc, and PhD		

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: No

Details Of Teaching & Non-Teaching Staff Of University

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	14				28				85			
Recruited	11	1	0	12	18	6	0	24	44	11	0	55
Yet to Recruit	2				4				30			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

	Non-Teaching Staff			
	Male	Female	Others	Total
Sanctioned				66
Recruited	62	4	0	66
Yet to Recruit				0
On Contract	243	14	0	257

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				41
Recruited	37	4	0	41
Yet to Recruit				0
On Contract	9	3	0	12

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	1	0	0	0	0	0	0	0	1
Ph.D.	11	0	0	18	6	0	34	9	0	78
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	10	2	0	12
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	NIL	NIL	NIL

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	529	672	1	17	1219
	Female	130	248	1	7	386
	Others	0	0	0	0	0
PG	Male	23	13	0	0	36
	Female	20	33	0	0	53
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	20	7	0	0	27
	Female	15	9	0	0	24
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nill
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	B	2.63	
Cycle 2	Accreditation	B+	2.66	
Cycle 3	Accreditation	A+	3.4	

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Biotechnology And Bioinformatics	[View Document](#)
Civil Engineering	[View Document](#)
Computer Science And Engineering And Information Technology	[View Document](#)
Electronics And Communication Engineering	[View Document](#)
Humanities And Social Sciences	[View Document](#)
Mathematics	[View Document](#)
Physics And Materials Science	[View Document](#)

Institutional preparedness for NEP

1. 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 multiinterdisciplinary elective courses. The concept of Major and interdisciplinary minor specialization is already in place as per existing academic ordinances. Students desirous of opting interdisciplinary minor specialization have the liberty to choose their minor specialization by earning 20 additional credits. The measures to decide proficiency of their chosen field is also available for the students. Students have to identify their proficiency area and can opt of the desired proficiency. In order to implement the principle of STEM (Science, Technology, Engineering and Mathematics) integration of Humanities and Social Sciences have been worked out and Department of Humanities and Social Science is floating Proficiency Courses from the department for BTech students. Implementation of Integrated Education System is not possible without implementation of Academic Bank of Credits (ABC). In order to provide seamless facilities of multiple entry and multiple exit and collaboration of Universities for switching from one program to other on the conclusion of 1 st , 2 nd , 3 rd & 4 th 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.
2. 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.
3. Skill development:	The implementation of NEP-2020 has marked a revolutionary shift by emphasizing on skill based education. In order to develop the skills of the students and to enhance the employability, various departmental and open elective/proficiency are being

run in the undergraduate programme. Aaction plan of NEP is to be implemented in JUIT, it is proposed to start a certificate course (Industry Professionals) and proficiency in Tunnel Engineering this year. Various new open are planned to be offered this year. A proposal will be drafted and collaboration opportunities will be explored to establish the laboratories for 3D machining and printing in coming years. A Centre of excellence in robotics and 3D machines will be developed in the future. MOOC NPTEL courses have been offered to students and this practice will be continued in the future. Google meet has been well in practice since the mandatory online classes were run at Covid-19 time in 2020. The Moodle platform has also started in 2022 in parallel to manage course content, important announcements, conducting quizzes etc. MoU with Coursera / LinkedIn is to be planned by the end of this year. The future plans include: • To work on framing the policy related to new courses. • To start working on the development of hybrid course curriculum with industry partner • Start online education program • Developing own online teaching platform Digital contents will be created for different courses by the end of year2023. In coming years, faculty members will be nominated for developing their web pages and creating the digital content of the courses. Departmental digital repositories for various courses and page 12 / 126 research will also be developed in the future. Presently, the students are made to perform virtual labs pertaining to various lab courses and this practice will be continued in coming years as well. Virtual lab workshops and training will be organized for both faculty and lab staff at least once in a year. Faculty members will also be engaged in developing digital infrastructure for knowledge sharing. Blended learning is a multidimensional approach to teaching-learning and the term is given to the educational practice of combining digital learning tools with more traditional classroom face to face teaching. JUIT has all the required IT literacy, Internet and ICT infrastructure for implementing blended learning. Some of the activities are planned in the coming years. In the coming years Project based learning will be implemented. Minor projects in each laboratory subject have been implemented from odd semester 2022. It is also proposed to give training to faculty members regarding teaching

	techniques once in a year and industrial visit of students once in a year, to conduct two webinar session every semester for any elective subject with selected advanced topics from expert from academia/Industry, to conduct training session/workshops one each semester on advance topic of research and to work on developing open distance learning (ODL) Master degree programme in each department in blended mode.
4. 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.
5. 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 Inhouse Moderation Committee for question papers is in place to foresee the quality of question papers.
6. 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.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The Electoral Literacy Club (ELC) has been set up in the university and it has been associated with UNNAT BHARAT ABHIYAN (UBA). The university students, staffs, and faculty members are the members of this club.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The university's competent authorities have constituted ELC where one faculty member has been appointed as faculty co-ordinator and one student from the final year has been appointed as student co-ordinator along with three other student members.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	On different national occasions like Independence Day, Republic Day, and Gandhi Jayanti, the club organizes activities like Nukkad Natak, small plays, etc. focussing on the social awareness of basic electoral rights. Also, at the get-together of the university community center, the club performs some activities/campaigns related to social awareness and social responsibilities.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The initiatives like electoral-related surveys, and awareness drives are conducted from time to time.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The list of enrolled students who are eligible for participating in the electoral system are displayed on notice boards for giving the right motivation with the right spirt.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	11	11	10	10

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of departments offering academic programmes

Response: 7

2 Students

2.1

Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1721	1657	1646	1754	1892

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of outgoing / final year students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
420	420	439	528	491

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of students appeared in the University examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1842	1767	1771	1865	1963
File Description			Document	
Institutional data in prescribed format			View Document	

2.4

Number of revaluation applications year-wise during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
260	217	279	246	230
File Description			Document	
Institutional data in prescribed format			View Document	

3.2

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
101	97	107	114	106
File Description			Document	
Institutional data in prescribed format			View Document	

3.3

26-04-2024 11:20:55

Number of sanctioned posts year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
107	104	104	109	115

File Description	Document
Institutional data in prescribed format	[View Document](#)

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
10835	4849	9424	7713	8423

File Description	Document
Institutional data in prescribed format	[View Document](#)

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
351	343	346	267	250

File Description	Document
Institutional data in prescribed format	[View Document](#)

4.3

Total number of classrooms and seminar halls

Response: 32

4.4

Total number of computers in the campus for academic purpose

Response: 889

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
1434.81	1103.01	2302.43	2375.23	2106.38

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4. Quality Indicator Framework(QIF)

Criterion 1 - 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 Institution.

Response:

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.

Keeping all these POs in consideration, departments define their PSOs (Programme Specific Objectives), which match the respective programme's specific requirements. All the subjects offered in the programme, across all the semesters, must have their COs (Course Objectives) defined in such a way that these COs are mapped with the POs and PSOs of the concerned program of the department.

While mapping the COs with POs and PSOs, there are three levels of mapping ranging from 1 to 3, depending upon the extent of mapping. The highest level of mapping is marked as 3, while the lowest is 1. After the examinations and the compilation of the given course's result, the level of attainment of Cos is calculated as shown below:

If more than 80% of students secure more than 50% marks in the questions related to the CO, the level of CO attainment for the given question is 3

Similarly, if 70% to 80% of students secure more than 50% marks in the questions related to the CO, the level of CO attainment for the given question is 2

If 60% to 70% of the students secure more than 50% in the question related to the CO, the level of CO attainment for the given question is 1

However, if less than 60% of the students secure 50% or less marks in the question related to the CO, the level of attainment for the given question will be considered 0

JUIT has a fully Wi-Fi-enabled campus supplemented with a fiber-optic network connecting its labs, classrooms, library, and hostels. The computing infrastructure consists of state-of-the-art multi-processor servers accessed by an array of multimedia desktops. All the lecture theatres/classrooms have multimedia projection systems for facilitating computer-based and web-based learning. The University has 60 well-equipped labs in various disciplines. The Language Lab of the University helps students enhance their communication skills.

JUIT has recently equipped its classrooms with Digital Infrastructure and has procured Google G-Suite for online teaching. Faculty members make use of the LMS Moodle to interact with students for instructions and evaluations.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2

Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 53.85

1.1.2.1 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 7

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 13

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.1.3

Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 95.22

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
319	291	238	228	95

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 49.65

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 632

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 1273

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2

Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 100

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 13

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

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

Response:

The University has incorporated courses such as Environmental Studies, Interpersonal Dynamics Values, and Ethics and Human Rights for Technocrats that 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. The course incorporates topics such as climate change, carbon footprints, water footprints, management of greenhouse gasses at sources and sinks, future energy sources, and sustainable use of natural resources. The students are also given self-study assignments in these areas enabling them

to read, collate and prepare write-ups on current trends in understanding and applying sustainable approaches across the globe. At the end of the course, the student is expected to be able to correlate major local, regional and global environmental issues with changes in global ecology and human health, define the consumption patterns and conservation strategies, and define the opportunities available for the conservation of energy and use of renewable energy resources

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. These courses also provide an understanding of moral principles and values to guide behavior on the personal and professional levels. The notable topics in these courses are related to behavioral modifications, components of emotions, emotional intelligence, interpersonal relationships, development of self and personality, human values in the context of individual, societal, spiritual, moral, and psychological perspectives, codes of conduct, social responsibilities, professional ethos and ethics. As a part of this curriculum, the students have regular discussions for role plays, analysis of case studies on professional behavior and ethics, including CSR, and discussions on aspects such as creativity, freedom, wisdom, and trust.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	[View Document](#)
Any additional information	[View Document](#)

1.3.2

Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 242

1.3.2.1 **How many new value-added courses are added within the last five years.**

Response: 242

File Description	Document
Institutional data in prescribed format	[View Document](#)
Brochure or any other document relating to value added courses	[View Document](#)
Any additional information	[View Document](#)

1.3.3

Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 204.54

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
4816	4300	3201	2815	2429

1.3.4

Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 68.27

1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 1175

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	[View Document](#)
Link for additional information	[View Document](#)

1.4 Feedback System

1.4.1

Structured feedback for design and review of syllabus – semester-wise / year-wise is received from

1) Students, 2) Teachers, 3) Employers,

4) Alumni

Response: A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View Document](#)

1.4.2

Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Demand Ratio (Average of last five years)

Response: 12.36

2.1.1.1 **Number of seats available year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
691	686	677	672	616

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)
• Any additional information	[View Document](#)

2.1.2

Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years

(Excluding Supernumerary Seats)

Response: 38.04

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
144	122	118	98	107

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

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

Response:

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

1. The newly admitted students are sensitized to the curriculum offered through Choice Based Credit System & Outcome-Based Education during admission as well as during the induction programme by individual departments and by the office of the Dean of Students.
2. The Student Mentoring Programme: Herein, we assess the learning levels of both the advanced and slow learners. Weak students having CGPA of less than five are identified and segregated department-wise. The concerned department assigns faculty mentors who guides the student regarding clearing their backlog courses and earning remaining credits. The mentoring sessions are regularly conducted and documented during the semester.
3. Remedial classes/Diagnostic test: Basic English course is offered to students who require to be more proficient in English. Basic Mathematics is offered to the non-mathematics stream students of BTech. in the Biotechnology/Bioinformatics programme. 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. For students weak in other subjects, faculty helps them bridge the gaps in their competence during their free slots.
4. Extra classes and labs: Extra classes are organised by the respective faculty members for the students securing lower marks in their courses for problem-solving and doubt-clearing. Attendance review is done thrice a semester to identify the slow learners. The critical cases are looked after carefully and referred to the Dean of Students (DOS) for further communication with the parents.
5. Career & Psychological Counselling: Career counselling sessions are regularly organized by the T&P cell. Professional Psychological Counselling and Online 24×7 Counselling Services through trained mentors are provided for the mental wellness of both slow and advanced learners. Additionally, a student counselling centre is also available.
6. Mock interviews: Mock interviews are conducted under the aegis of the Training and Placement cell for third and final-year students.
7. Extra course credits: In the BTech Programme, a normal student registers for 23-28 credits in a semester. An advanced learner student can take up some extra courses up to a maximum of 31 credits per semester within the program duration.
8. Capacity building activities are organized by the departments and Intellectual Property Rights (IPR) and Technology Incubation and Entrepreneurship Development cell (TIEDC) also identify BTech and MTech projects of students having patenting and start–up potential.
9. Students are encouraged to pick up interdisciplinary projects and use the labs and library facilities beyond office hours also.

10. Advanced learners are also encouraged to choose student exchange programs/summer programs at National/International Institutions. MoUs have been signed between departments and National agencies for the internship of advanced learners.

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

File Description	Document
Upload Any additional information	[View Document](#)

2.2.2

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

Response: 17.04

File Description	Document
Any additional information	[View Document](#)

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

Response:

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. Even the course outlines specify the expected outcome of the course and the levels of attainment like familiarity, assessment and usage. Activities such as Role Plays, Group Projects, Debates, Seminars, Quizzes, and Case Studies are used for teaching various concepts. Similarly, Project work, Field Visits, Industrial Tours, and Guest Lectures are all examples of teaching strategies that are followed to put the

focus on the students. Students are given smaller projects to work on as part of their curriculum, which provides them with a broader perspective on the subject and encourages participative learning practices among them. Learning through Projects in workshop mode by DIY (Do It Yourself) has been an essential component of the educational program. The following practices are primarily used as a part of the Student-Centric approach:

Experiential Learning: Experiential learning is a concept and practice that encourages educators to include students in hands-on learning and focused reflection to advance knowledge, sharpen abilities, and clarify the vision. Engagement in Project Works, Industrial Visits and participation in various activities are some core examples of experiential learning that are being followed in JUIT.

Participative Learning: In this technique, an intentional sequence of activities or learning events will help the learner achieve the specified objective or desired outcome. Here the teaching-learning will focus on the learner. Group Discussion, Team Work, Role Play, and Case Studies are examples of this teaching method that are actively followed by the faculty members.

Problem Solving: Here, the systematic and orderly process is adopted for solving a challenging real-life problem. It primarily includes Research-Based Projects, Case Studies and Joint Projects. The students in JUIT are encouraged to take these activities.

File Description	Document
Upload any additional information	[View Document](#)

2.3.2

Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Recently developed ICT (Information and Communication Technology) tools enable more effective information sharing, which has revolutionised how people learn and interact. ICT has become an essential tool for providing students with a complete education at all times, helping them develop their digital skills and improving the teaching-learning process with innovative methods.

Online classes were encouraged during the pandemic because it was hard to attend class and work. Then, ICT resources became more important in education.

To keep the students' academic standards high and to retain some kind of normalcy among all this commotion, the ability to continue working remotely has been crucial. These tools' speed has allowed people to keep up their current pace of work while still conducting virtual lessons, uploading materials to various educational platforms, and even completing quiz-based exams at home.

JUIT uses ICT tools to create and deliver content, share content, facilitate communication between students, teachers, and the outside world, create and deliver presentations and lectures, conduct academic

research, provide administrative support, enroll students, etc.

JUIT prioritises ICT integration in education. In the 21st century, ICTs provide innovative and transformative development models that increase teacher learning wherever it occurs.

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

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

JUIT's learning management is also available on Moodle to promote ICT in teaching and learning. At this site, faculty coordinators tag all students registered in the current semester's courses and update lecture notes, video links, and other study resources. Accessing study resources is easy since students can log in anywhere.

The faculty uses different methods depending on the subject and student needs. They use teacher-centered lectures and interactive, team-based, ICT-enabled methods like Microsoft Teams and Google Classroom.

JUIT faculty use IT-enabled teaching resources like Power-Point presentations, video recordings, video lectures of reputable organisations, reading materials, animations, video demonstrations from online emails, and other methods to facilitate successful teaching-learning processes.

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

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

File Description	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3

Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 17.56

2.3.3.1 **Number of mentors** ?????????????? ???????

Response: 98

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers against sanctioned posts during the last five years

Response: 97.46

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)

2.4.2

Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 83.89

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
77	86	93	90	94

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	[View Document](#)
Any additional information	[View Document](#)

2.4.3

Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 8.69

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

Response: 878

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	[View Document](#)
Any additional information	[View Document](#)

2.4.4

Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 37.14

2.4.4.1 **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
5	9	10	8	7

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 8.6

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 last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
5	6.5	10.5	10.5	10.5

File Description	Document
List of Programmes and date of last semester and date of declaration of results	[View Document](#)
Any additional information	[View Document](#)

2.5.2

Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

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

Response:

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

With the help of IRP and other forms of IT integration, the entire examination procedure has been brought up to date and sped up. Students, parents, teachers, and administrators can all benefit from using the IRP system. The following examination-related tasks are administered via the IRP system:

- A thorough academic calendar that includes crucial dates for the execution of University examinations is produced and displayed well before the commencement of academic year.
- Both parents and students are given a unique login ID. Through the university site, parents may keep an eye on their child's participation and progress.
- The examination schedule is created on Webkiosk and made available to each student in accordance with the registered courses.
- Exam timetables and seating arrangements are accessible to students through their webkiosk id.
- A day in advance, a seating arrangement with the class room's name is shown.
- Duty charts for vigilance are created and uploaded on the Webkiosk so that the concerned faculty member knows the same in advance.
- Continual evaluation records are kept for the Theory (T-1, T-2, and T-3) and Practical (P-1 and P-2) exams.
- Internal assessment marks, such as those from tutorials, tests, assignments, and attendance, are kept on file.
- The preparation of grades is done on the Webkiosk and after approval it is finalized.
- Additionally, schedule of supplementary exams is also prepared and communicated with the concerned.
- Final marks and grades are uploaded on the webkiosk so that both students are parents can see it in their respective login id.
- University has uploaded the details of the students' degrees and mark sheets on National Academic Depository (NAD) (Digi-Locker) to fulfil the Academic Bank of Credit requirement.

The COVID-19 epidemic caused an unprecedented scenario for the University. During the pandemic, the examination department made use of IT resources to ensure the smooth running of exams. T-1 and T-2 exams question papers and related instructions were created in G-Suite. Course coordinators prepared Google forms with multiple-choice and descriptive questions for students to carry out different examinations as per the time schedule. AI-based online proctoring service "Mercer Mettl" was procured for conducting the final exam, T-3. Since AI based proctored exam was new to both the faculty as well as students, therefore, more than one practice examinations sessions were conducted for both of them.

Practical Examinations were also conducted through AI based proctored system "Any Desk".

File Description	Document
Year wise number of applications, students and revaluation cases	[View Document](#)

2.5.4

Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	[View Document](#)
Current Manual of examination automation system	[View Document](#)
Any additional information	[View Document](#)
Annual reports of examination including the present status of automation	[View Document](#)

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

Response:

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

Based on expected learning outcomes of a particular course and taking Feedbacks from Students, Alumni and Industry (Employers) to assess the attainments of learning outcomes the course content is designed along with its assessment criteria. Along with the GAs and PSOs, the course outcomes (COs) of each course are well-defined. The course outcomes along with the complete course description are drafted by the department which is presented for discussion and recommendations to the Board of Studies and finally the Academic Council for the approval. The course outcomes of each course have always been displayed and informed to the students at the start of semester. The attainment of GAs and PSOs through COs are assessed on regular basis at the end of semester taking into account the performance of each student in all components of assessment such as internal assignments, T1, T2 and T3 exams.

On both its website and its notice board, each department lists the programmes that it provides, as well as the general aims of those programmes, the particular objectives of those programmes, the course structure, and the curriculum. The objectives of the class and its expected outcomes are displayed in a prominent location on the curriculum. The formation of course outcomes is done with the intention of ensuring complete covering of the curriculum and the relevant skills and knowledge.

At the departmental level, the learning outcomes are discussed in order to increase faculty members' levels of exposure to and comprehension of them. These outcomes are discussed with the students in the beginning of the course by the concerned faculty member. Additionally, the results of the course are communicated with the students as per the scheduke mentioned in the Academic Calendar. These learning outcomes are also appropriately reflected in the tests that correspond to them.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)

2.6.2

Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

JUIT offers Under Graduate, Post Graduate and Research programs implemented with a system to measure the level of attainment of course outcomes, programme specific outcomes and programme outcomes. Different programmes JUIT broadly follows 12 POs (Programme Objectives) set by NBA (National Board of Accreditation).

Departments create PSOs (Programme Specific Objectives) based on these POs. All semesters' subjects must have COs (Course Objectives) that match the department's POs and PSOs.

The extent of mapping the COs with POs and PSOs determines the level of mapping, which ranges from 3 to 1. Thus, relevant course outcomes are used to direct and indirect methods to assess POs and PSOs.

Direct methods comprise three written exams per course per semester, T1, T2, and T3, with weightages of 15%, 25%, and 35%. Teachers' Assessment (TA) accounts for 25% of the indirect approach. The course's COs are immediately mapped to written test questions (T1, T2, and T3), quizzes, assignments, and projects by teachers. Students' course exams determine COs.

After result compilation, the level of attainment of COs are calculated as shown below:

- If more than 80% of students secure more that 50% marks in the questions related to that CO, the level of CO attainment for the given question is 3; for 70%-80% of students, the attainment level is given as 2; for 60% of students its given as1 and in case of less than 60% of students the level of attainment is given as 0.

POs and PSOs Attainment:

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

Thereafter the average attainment level of all semesters are calculated which will reflect the overall score of attainment of the respective academic year. Based on the final score, we come to conclude that whether the POs and PSOs of a department, for a given year and for a given programme, have been attained or not.

In addition to methods discussed above, University stakeholders' input measures programming outcomes. The online/offline written student feedback system gives information on course relevancy, availability, teaching style, and employability. The University adjusts learning results with their honest comments. The University uses student satisfaction surveys to monitor course and programme outcomes by department.

File Description	Document
Upload any additional information	[View Document](#)

2.6.3

Pass Percentage of students(Data for the latest completed academic year)

Response: 94.38

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 420

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 445

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for the annual report	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.35

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

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

Response:

The University is continuously making regular efforts to improve the lab facilities for research and innovative activities including infrastructure. The University strives to create conducive environment to enhance the culture of research and innovation. Keeping the same in mind, present and future needs for upgrading and creating research facilities in the emerging research areas are assessed every year through the departmental faculty meetings and communicated to the concerned authorities. The requirements of all departments are discussed and provision is made in the budget accordingly.

The university encourage and provides facilities to the faculty and Ph.D. research scholars to smoothly carry out the research activities. The University provides round the clock UPS and generator back up to protect equipments, computer and internet facility round the clock, subscription to print as well as online journals, travel grants to attend conference in India and abroad, high end instrumentation facility wherein instruments such as QtoF, DNA sequencer, GC, preparative HPLC, gene gun, UV–VIS-NIR spectrophotometer, vacuum coating unit, CVD set up, etc. have been procured. The faculty has completed many sponsored research projects funded by National agencies like, DRDO, DST, DBT, SERB, ICMR, ISRO, HIMCOSTE etc. The faculty members have been grated many patents both nationally and internationally. The University provides autonomy to the Principal Investigator (PI) and ensures the timely availability or release of resources. Along with this adequate infrastructure and human resources are provided to support the researchers. The University encourages the faculty to get more sponsored projects and bring innovations. The university provides 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 research collaborations both nationally and internationally. To keep the research abreast with the latest research being carried out in the world, the University has organized national and international conferences. The different departments of the university organize the symposia, workshops and faculty development programmes for the research and academic development of its faculty members. The university has provision of providing duty leave and sabbatical leave for the faculty members for perusing further research work. The university promotes the faculty members to engage in interdisciplinary and multi-disciplinary research with other researchers both within and outside the University. Based on the urgent need to transform research into innovation and technology that could be used for the betterment of mankind, society, industry and country, the University has established centers of Excellence in various fields of importance. The University has a Technology Incubation and Entrepreneurship Development Cell (TIEDC) and 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 Directorate of innovation, Research and Development (DIRD) to identify and fund novel projects\centers of excellence involving faculty and students.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2

The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 14.3

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
47.2022	3.2405	5.5211	6.9442	8.6136

File Description	Document
Minutes of the relevant bodies of the University	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)

3.1.3

Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 36.76

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
3	2	34	81	73

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the award letters of the teachers	[View Document](#)
Any additional information	[View Document](#)

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 197

3.1.4.1 **The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
3	17	16	64	97

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.5

Institution has the following facilities to support research

1. **Central Instrumentation Centre**
2. **Animal House/Green House**
3. **Museum**
4. **Media laboratory/Studios**
5. **Business Lab**
6. **Research/Statistical Databases**
7. **Mootcourt**
8. **Theatre**
9. **Art Gallery**
10. **Any other facility to support research**

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	[View Document](#)
Upload any additional information	[View Document](#)
Paste link of videos and geotagged photographs	[View Document](#)

3.1.6

Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 57.14

3.1.6.1 **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

Response: 04

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-version of departmental recognition award letters	[View Document](#)

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 last five years (INR in Lakhs).

Response: 69.25

3.2.1.1 **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
68.332	0	0	0.92	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by non-government	[View Document](#)
Any additional information	[View Document](#)

3.2.2

Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 197.39

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
3.040	30.250	23.570	38.823	101.703

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by government	[View Document](#)
Any additional information	[View Document](#)

3.2.3

Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 2.92

3.2.3.1 **Number of research projects funded by government and non-government agencies during the last five years.**

Response: 59

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 101

File Description	Document
Supporting document from Funding Agency	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Paste Link for the funding agency website	[View Document](#)

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.

Response:

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.

The main objectives of the incubation centre are to help budding entrepreneurs acquire the necessary managerial skills to run their business venture through mentoring support and to conduct Entrepreneurship programmes and workshops to develop entrepreneurial and innovation skills.

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. TIEDC is equipped with the latest computers, Wi-fi, projection, live video chat and printing facilities.

TIEDC has successfully organized 30+ Workshops/ hackathons/ Ideathons/Seminars/Boot-camps/Webinars (startup related), which include VICHARANA 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 at http://www.juit.ac.in/tiedc-cell.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.3.2

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 106

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

2021-22	2020-21	2019-20	2018-19	2017-18
28	21	9	29	19

File Description	Document
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.3.3

Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 21

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

2021-22	2020-21	2019-20	2018-19	2017-18
7	3	5	2	4

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of award letters	[View Document](#)
Any additional information	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research through the following:

1. Inclusion of research ethics in the research methodology course work

2. Presence of Ethics committee

3. Plagiarism check through software

4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	[View Document](#)

3.4.2

The institution provides incentives to teachers who receive state, national and international recognitions/awards

1.Commendation and monetary incentive at a University function

2.Commendation and medal at a University function

3. Certificate of honor

4.Announcement in the Newsletter / website

Response: B.. 3 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of the letters of awards	[View Document](#)

3.4.3

Number of Patents published / awarded during the last five years.

Response: 39

3.4.3.1 **Total number of Patents published / awarded year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
4	16	10	5	4

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4.4

Number of Ph.D's awarded per teacher during the last five years.

Response: 2.05

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 129

3.4.4.2 **Number of teachers recognized as guides during the last five years**

Response: 63

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

3.4.5

Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 12.93

3.4.5.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
193	266	261	251	387

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4.6

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 3.97

3.4.6.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
83	94	88	71	81

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4.7

E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM

4.For other MOOCs platform
5.Any other Government Initiatives
6.For Institutional LMS

Response: C. Any 3 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Give links or upload document of e-content developed	[View Document](#)

3.4.8

Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 10.08

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.9

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 46.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)

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.

Response:

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 the economic 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. The consultancy projects are broadly classified in the university policy as service consultancy (involving the expert intensive projects such as design, computational, software, and hardware expertise) and testing consultancy (involving the material, sample and equipment testing-based projects requiring services of the university infrastructure) and suitable remunerations have been allotted to the personnel involved in either of the project type in the capacity of the principal investigator, co-investigator, external support person and other related personnel after covering the major expenses of consultancy work such as procurement of apparatus for laboratory needs and other works such as, for the fulfillment of the travel expenses related to consultancy, to cover the contingency expenses including expenditure related to printing of reports, payments to manpower (students, external experts, labors etc.), procurement of consumable material, stationery, postage etc. The university overhead is being utilized to effectively take care of the mandatory requirements for upgradation of both the university and the department such as material and equipment procurement and overall development of the laboratory, disbursement of funds for attending workshops, conferences and faculty development programs to further enhance the interest towards better teaching and research environment. Thus it creates a win-win situation for both the academic staff and the students. The consultancy works are invited to be disbursed at the university level headed by the Dean, Academic and Research, at the departmental level headed by HOD and approved by Dean (A&R) and also directly at the level of the individual/s of the department as principal and/or co-investigator at the discretion of the HOD of the department.Consultancy assignments provide first-hand knowledge of the issues facing business today, which is highly beneficial in adapting the curriculum to the demands of the time. Although the University welcomes faculty members to engage on consultancy projects, it is anticipated that they will not invest up more than one day of their working week in the activity. The academic members are expected to preserve the reputation and prestige of the institution at all times when working on these initiatives.

File Description	Document
Upload soft copy of the Consultancy Policy	[View Document](#)
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	[View Document](#)
Paste URL of the consultancy policy document	[View Document](#)

3.5.2

Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 72.46

3.5.2.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
23.25	6.82	2.77	18.06	21.56

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)
Any additional information	[View Document](#)

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 last five years.

Response:

The 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. As a part of the UBA team, students learn team skills, discipline, collaboration and social and cultural etiquette. Some of the activities carried out in adopted villages by the UBA team are as follows:

Gram Sabha attended and organised in adopted villages

The importance of Biogas told to the villagers

Computer Literacy Programme run by JUIT students

Drug Abuse Rally performed by JUIT students at Chausa village

Physio-chemical analysis of drinking water collected from different villages

No plastic campaign

The broad mandate of the Gender Champion Club at JUIT 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. The club organises extracurricular events such as International Women's Day Celebrations, Slogan Writing Competitions, Nukkad Natak and Gender Sensitisation Workshops, aiming at the holistic development of students.

The University also gives back to the community via a dedicated NCC unit. The unit periodically arranges a variety of events for the benefit of society. The University sponsors many events, including Blood Donation Camps, Tree Plantation Drives on and near the campus, and Swachh Bharat Campaigns. These activities foster a sense of social responsibility among the student body by connecting them to societal needs.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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 last five years

Response: 9

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	1	2	1	4

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copy of the award letters	[View Document](#)
Any additional information	[View Document](#)

3.6.3

Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 96

3.6.3.1 **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
29	8	4	19	36

File Description	Document
Reports of the event organized	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.6.4

Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 76.25

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
1411	780	283	1935	2359

File Description	Document
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.7 Collaboration

3.7.1

Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 79.4

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
48	68	92	59	130

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copies of collaboration	[View Document](#)
Any additional information	[View Document](#)

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 last five years.

Response: 35

3.7.2.1 **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 year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
8	5	4	2	16

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the MoUs with institution/ industry	View Document
Any additional information	View Document

Criterion 4 - 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.

Response:

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 74372 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.

The classrooms and laboratories have the requisite online and offline learning facilities. All the classrooms and laboratories are equipped with large dimension whiteboards with an additional screen and projector system facility. Additionally, Three are updated with digital boards to enhance students' learning experience offline and online. All the classrooms and laboratories are furnished with computer systems and internet facilities with access to intranet and webkiosk for projection and material supplementation. The working and teaching spaces in the laboratories have distinct orientations for the parallel ongoing experimental and projection work whenever required. The equipment conditions and requirements are continuously monitored by the laboratory in-charges and the departmental lab coordinators for continuous updation, repair and calibration jobs. The Language Lab aims to develop the students' Listening, Speaking, Reading, and Writing (LSRW) skills, with an emphasis on learning grammatical concepts and syntactical strategies. The library and laboratories are designed with safety features to create an excellent ambience and atmosphere for reading, learning and work.

The Learning Resource Centre (Library), a three-storied building spread over a carpet area of 1020.19 sq m, is attached to the academic block of the University. It is a hybrid library comprising print, digital and electronic information resources. Nearly 60 computers are placed for users in the library. Internet facility is available with LAN connections and Wi-Fi connectivity throughout the campus. The students can access the internet in the academic block and the other parts of the campus.

The University has fourteen hostels to accommodate 1688 students, 87 residences, 5 gyms for students, 6 TV lounges, 32 classrooms (inclusive of lecture theatres and tutorial rooms), 61 laboratories, one board room, and one auditorium with approximately 1200 seating capacity. The University has a dispensary with two medical officers and seven support staff. They are supported by requisite infrastructure, including a basic facilities equipped ambulance van. Apart from Sports facilities, the University also has rainwater harvesting plant, water supply plant, fire and safety office and fully automatic laundry.

File Description	Document
Upload any additional information	[View Document](#)

4.1.2

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

Response:

In addition to academics, the university emphasizes on the good health of students, faculty and staff. It has several kinds of sports facilities such as Basketball court, Football ground, Volleyball court, Table Tennis boards, Indoor court and fitness centres (Gym).

The university through Sports club encourages students to take part in different games such as Badminton, Cricket, Football, Basketball, Volleyball and Table Tennis etc. The university has five well equipped fitness centers (Gyms), 02 Open Badminton courts, 01 Football ground, 06 Table Tennis Tables and 01 Indoor Badminton court. The university also has qualified coaches to train the students in sports like badminton, volleyball, table tennis, yoga and in gym.

The university also has sufficient numbers of lecture theaters, conference halls, and auditorium to organize various types of cultural and literary events. It has an auditorium of nearly 1200 seating capacity and 03 lecture theaters for organizing various extra and co-curricular activities. The university also has a Dhyan Kaksh which is used as a meditation centre and a venue for conducting various cultural or recreational events. The public celebrations like Independence Day, Republic Day, Women's Day, Children's Day, and International Yoga Day etc. are also celebrated here.

JUIT Youth Club (JYC) is a student body. It helps students acquire qualities like team work, sportsmanship and leadership. JYC organizes sports and cultural activities through different clubs and committees like environment, art, movie, sports etc. on a regular basis which encourages students to engage in the extracurricular activities and organize the Annual events such as Le-Fiestus, Murious, Diksha, Goonj, Dhun, Parakaram etc. Participation in such events gives students a break from academic stress and also offers opportunities to showcase their creative talent. It also provides opportunities for students to develop their non-scholastic and social skills.

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)

4.1.3

Availability of general campus facilities and overall ambience

Response:

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:

- Bus service from JUIT to Waknaghat and back as per bus timings on working days and holidays.
- Girls hostel students who need to board Volvo/other night service bus from Waknaghat after 8 P.M. are taken in the University vehicle, duly escorted by the security guard up to Waknaghat.
- Food in the student's mess is included in hostel charges. Students serve themselves without any restriction on quantity.
- Hostel rooms housekeeping is provided by JUIT.
- Hot water in the hostels round the year is provided to the students.
- Mattress in hostel rooms are provided by JUIT.
- Curtains in girls' hostel rooms are also provided.
- Gym facilities in each independent hostel.
- Services of a professional psychological counsellor thrice a week on campus and services of professional online 24×7 counselling from YOUR DOST.

The other facilities are:

- *Mess and canteen facilities:* The University has "Annapurna" mess for the students. The students are provided breakfast, lunch and dinner daily throughout the year.
- *Cafeteria and convenience shop:* A convenience shop, tuck shop and a cafeteria for daily needs, refreshments, and snacks are available on campus.
- *Stationery shop:* A stationary shop is available inside the campus near the academic block.
- *A dispensary with medical facility:* Medical facilities 24×7 with a female doctor, a male doctor and a male and a female nurse, and an ambulance on campus.
- *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.
- *Internet (Wi-Fi) facility:* The University campus is fully enabled with Internet and Wi-Fi connectivity. We have two internet connections: (a) 1 Gbps leased line from BSNL, and (b) 500 Mbps leased line from RailTel.
- *Banking and ATM facility:* Punjab National Bank's branch in the academic block caters to all the banking needs of the University, employees and students. ATM facility is also available.
- *Laundry facility:* The University has a laundry facility. Students can make use of this facility twice a week. Laundry charges are included in hostel charges. The staff can make use of this facility at nominal charges.
- *BSNL exchange on the campus:* The University has its EPBX exchange with various lines capable of supporting 400 connections. All officers, faculty members and other essential facilities are connected with this exchange.
- *Open Book Bank Facility*: An Open Book Bank facility has been set up in the Dhyan Kaksh where books donated by current/pass out students have been kept. Student can pick up a book of his/her interest, without any charges, by making an entry in a register/slip kept at Dhyan Kaksh itself.
- Outdoor floodlit grounds are available for Basketball, Volleyball and Badminton. An indoor facility for Table tennis, carom and Chess is also provided. The University has five fully equipped gyms with Treadmills, Cross Trainer and Cycles.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.4

Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 14.65

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
137.02	108.16	416.23	219.21	559.98

File Description	Document
Upload audited utilization statements	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

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

Response:

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. The details about the software 'Liberty' are given below in Table 1.

Table 1: Details on the software 'Liberty'

Name of the ILMS	Liberty
Nature of Automation	Fully Automated
Version	5.0 (build 5.005)
Year of Automation	2010
URL	http://172.16.73.16:8480/liberty/welcome.do (Intranet)
OPAC	http://172.16.73.16:8480/liberty/libraryHome.do

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. Information about the software 'Koha' is given in Table 2.

Table 2: Details on the software 'Koha'

Name of the ILMS	Koha
Nature of Automation	Fully Automated
Version	20.11.09.000
Year of Automation	2021
URL	http://14.139.240.62:8080/cgi-bin/koha/catalogue/search.pl
OPAC	http://14.139.240.62/

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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.2.2

Institution has access to the following:

1. e-journals

2. e-ShodhSindhu

3. Shodhganga Membership

4. e-books

5. Databases

6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2.3

Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 57.51

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
47.05	33.72	61.08	76.08	69.64

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

4.2.4

Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 23.38

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 426

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	View Document

4.3 IT Infrastructure

4.3.1

Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 32

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.3.2

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

Response:

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	Document
Upload any additional information	[View Document](#)

4.3.3

Student - Computer ratio (Data for the latest completed academic year)

Response: 1.94

File Description	Document
Upload any additional information	[View Document](#)
Student – computer ratio	[View Document](#)

4.3.4

Available bandwidth of internet connection in the Institution   (Leased line)

Response: A. ?1 GBPS

File Description	Document
Upload any additional information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.5

Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: C. 2 of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links of photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 1.09

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
15	14	23	25	23

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)

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.

Response:

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.

Physical Infrastructure (Civil) Maintenance:

We have a separate civil maintenance department handled by the Sr Project Engineer – Maintenance. The maintenance staff regularly checks the physical infrastructure (civil) for timely repair work. The maintenance staff also advise the authority if any new construction needs to be done to facilitate the students and staff members. All minor and major problems are reported through the log registers placed at various locations on the campus. It can also be reported online through a prescribed form or email. Maintenance works of serious nature are handled immediately.

Electrical Maintenance:

A separate department has also been established in JUIT to check Electrical equipment, and generators. The project Engineer (Electrical) supervises the staff and related equipment. He is responsible for all electricity-related needs of the University.

Laboratory Maintenance: Laboratories are looked after by experienced Lab Engineers, Lab Technicians, Lab assistants and Lab Attendants. Each lab has one teacher in charge, who maintains and upgrades the equipment and systems in the lab as per the curriculum needs and the syllabus change. The lab in charge and responsible engineer or technician keeps a log book of all the equipment and their status. The major problems are either reported to the IT team of the University or the support is availed from the respective company.

IT Infrastructure Maintenance: The University deploys and upgrades the IT infrastructure and associated facilities whenever required. The server room officials in the University ask for the requirements from the Heads of Departments. Considering the corresponding budgetary allocations, the financial provisions for the same are made. After getting the financial approval, quotations are invited, followed by their scrutiny based on the configurations, cost and services. The order for procurement is finalised and approved. Server room staff routinely maintain computers, peripherals, network devices, and servers. All the lecture theaters, classrooms and tutorial rooms in the University are equipped with the latest audio- visual equipment and internet connectivity with backup power. Adequate maintenance support for their smooth functioning is provided. The server room has a technical team to provide regular support services relating to computational needs.

Library maintenance: The library is fully automated with a Library Management System called 'Liberty'. Now, 'Liberty' is being replaced with 'Koha' library management software, an open-source web-based library system. The library has a committee with a representative faculty member from each department. The IT team of the University handles the computers and network (along with Wi-Fi) issues of the library. The maintenance department handles the furniture, stacks and electricity-related issues. The maintenance department also manages the Pest control of library books and records.

Apart from regular maintenance and upkeep of the infrastructure, computers, labs, library, security

surveillance system, plumbing and electrical works, the associated maintenance teams promptly attend to the complaints, if any.

File Description	Document
Upload any additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 48.09

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2021-22	2020-21	2019-20	2018-19	2017-18
1746	1889	178	143	114

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.1.2

Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 105.59

5.1.2.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1831	1424	2074	2235	1555

File Description	Document
Institutional data in prescribed format	[View Document](#)

5.1.3

Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene)

4. Awareness of trends in technology

Response: A. All of the above

File Description	Document	
Institutional data in prescribed format	[View Document](#)	
Link to Institutional website	[View Document](#)	
Link for additional information	[View Document](#)	

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document	
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)	
Details of student grievances including sexual harassment and ragging cases	[View Document](#)	
Link for additional information	[View Document](#)	

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 77.56

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.***)) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
17	11	9	2	1

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
19	12	10	3	2

File Description	Document
Upload supporting data for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.2.2

Average percentage of placement of outgoing students during the last five years

Response: 52.74

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
278	220	248	282	173

File Description	Document
Self attested list of students placed	[View Document]()
Institutional data in prescribed format	[View Document]()
Link for additional information	[View Document]()

5.2.3

Percentage of student progression to higher education (previous graduating batch).

Response: 10.24

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 43

File Description	Document
Upload supporting data for student/alumni	[View Document]()
Institutional data in prescribed format	[View Document]()
Link for additional information	[View Document]()

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 last five years.

Response: 127

5.3.1.1 **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) year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
16	47	33	8	23

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters and certificates	View Document

5.3.2

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

Response:

Student Council Organization Structure

Jaypee University of Information Technology (JUIT) has a student council named as **JUIT Youth Club (JYC).** An extremely active body, which has a number of Clubs and Committees under its domain. The extra co-curricular activities of the students are organized as major and minor events throughout the year. It is the body that widens student's view from academics to various fields such as sports, literary, cultural and technical and provides opportunities to explore them. A student is encouraged to become a member of a minimum one and preferably more clubs so as to develop his personality in the field of his liking and aspiration. It helps students acquire qualities like good communication skills, event management, teamwork, sportsmanship, and leadership. Focusing on technical, literary, sports, and cultural scopes, these competitive activities, apart from serving as a relief from the intense academic load, present an opportunity to instill confidence, encourage teamwork, and give students a strong sense of achievement and belonging.

Its Office bearers are selected in a competitive manner and include President, Secretary, and Treasurer. The following procedure is followed for a student to become a member of JYC:

1. For the holistic development of students, they can join a maximum of 2 clubs and 1 committee.
2. Interested students are required to fill out a form on the basis of which a brief interview is conducted.
3. Students in the 1st and 2nd year of their academic programs can be general body members.
4. Students of third and fourth-year work as coordinators for the successful completion of events.
5. Since JYC is a student's body, therefore, it runs primarily with the small contribution of from the students. However, sometimes, depending on the requirements, JUIT also supports it financially.

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

- **Technical sciences, movies & photography**
- **Literary and debating**
- **Cultural and dance**
- **Sports**
- **Theatre and music**
- **Environment, ecology & health**

- **Fit India Campaign**

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

Apart from JYC, JUIT has also constituted various types of committees with student's representation across all the undergraduate and postgraduate programs and these are named as

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

In addition to this, the **JUIT Alumni Cell** comprises faculty members and students. The cell represents each department through faculty members and student representatives. Every year, there is a call for applications from the students for various positions in the student executive body of the cell. The student executive body has a President, a Treasurer, a Public Relations Head, and a Media & Publicity Head. The student executive body then selects two volunteers from each department for the functioning of the cell.

File Description	Document
Link for additional information	[View Document](#)

5.3.3

Average number of sports and cultural events / competitions organised by the institution per year

Response: 26

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
18	16	30	23	43

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

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.

Response:

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.

The JUIT Alumni Cell comprises faculty members and students. The cell represents each department through faculty members and student representatives. Every year, there is a call for applications from the students for various positions in the student executive body of the cell. The student executive body has a President, a Treasurer, a Public Relations Head, and a Media & Publicity Head. The student executive body then selects two volunteers from each department for the functioning of the cell.

The Alumni Cell maintains the database of alumni, contacts the alumni, and invites them to various talks and events. The cell also facilitates the alumni visit to the JUIT campus. The alumni are regularly contacted through e-mail to keep them updated about the University. The alumni participate in various activities conducted by the University and help organize multiple campus events, such as book launches and mentorship programs for the students through TIED Cell. Alumni also connect with their alma mater via delivering lectures (webinars) on their expertise.

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

- Alumni are engaged in giving motivational talks to the first-year students during their induction programme.
- Involvement in various activities of the University as judges and speakers.
- Involvement in professional development activities as a member of committees such as BoS.
- Assist in placements and internships for the students.

JUITians are located worldwide, and many of them hold outstanding positions. They frequently 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 sincerely enhancing the relationship with the alumni.

Website: https://www.juit.ac.in/juitalumni/

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

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

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

File Description	Document
Link for additional information	[View Document](#)

5.4.2

Alumni contribution during the last five years (INR in Lakhs)

Response: C. 20 Lakhs - 50 Lakhs

File Description	Document
Any additional information	[View Document](#)
Link for any additional information	[View Document](#)

Criterion 6 - 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.

Response:

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 realize and explore their potential in different horizons. Post-graduate students are encouraged to cultivate freedom in thought and activity. Students are motivated to utilize 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.

The governance team is the main order structure that values the ongoing status of the economy and characterizes the arrangement toward greatness for the institution, keeping the macroeconomic, scholastic and social effects of the instruction granted. JUIT has an academic foundation, yet it emphasizes research, education, social upliftment, and the inclusion of modern interfaces. Robust governance mechanisms are the main contributing factors to successful universities. The multidimensional and dynamic strategies and directional execution, collaborations with industry and society with a holistic approach, maintaining strong risk identification and mitigation and feedback mechanisms ensure the sustainability of a big organization, which fulfil all associated responsibilities and accountabilities for their actions.

The objectives of JUIT are to disseminate, create and advance knowledge, wisdom and understanding, and to offer technical education of high standards through teaching, research, training and extension activities.

For the effective and productive governance of JUIT, the following councils regulate their respective functioning:

1. The Governing Council, Executive Council and Academic Council are aligned to the UGC regulations as applicable from time to time. The Governing Council is the supreme and prime decision-making and governing body of the University.
2. The Executive Council is responsible for the general management and administration of the University.
3. The Academic Council is the academic body of the University, responsible for all kinds of academic issues in the University.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.1.2

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

Response:

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 leadership at the local level is provided by the Vice-Chancellor, who has always been a person of excellence and eminence, with a proven track record of leading by example. 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 registrar performs other duties and functions as may be specified in the Statutes, prescribed by the Ordinances, or as may be required, from time to time, by the Governing Council or the Vice-Chancellor. 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.

IQAC chairperson and team monitor all academic, research, and other related developmental aspects of JUIT. Besides this, at the departmental level, HODs look after all aspects of their respective departments:

academics, research, conferences, workshops, outreach, and social welfare. Additionally, HODs interact with students and faculty informally. Regular HOD meetings with Deans, Directors and Vice-Chancellor are organized to discuss the department and university-level issues such as planning new programs, results, attendance, and extra and co-curricular activities. The issues proposed to be taken to the Academic Council are also deliberated. In the overall structure, participatory decision-making and accountability are emphasized. Faculty is represented on the Boards of Studies and Academic Council. The opinion of the faculty is also sought through departmental and general faculty meetings. All the administrative officers work as per the defined roles in the Statutes. All the functionalities mentioned above are the outcome of decentralization and participative Management of all bodies of JUIT, which has been mentioned in the additional documents along with their website links.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional Strategic plan is effectively deployed.

Response:

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

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

TIEDC is supported by the Department of Industries, Himachal Pradesh, under the Chief Minister's Startup/Innovation Projects/New Industries Scheme. TIEDC works to harness the talents and research strengths available in different Engineering disciplines and apply the same to socially relevant projects in the form of Startup ventures. TIEDC provides mentoring and technological guidance to prospective Entrepreneurs. With support from the Himachal Pradesh government, students doing projects in the cell

can always find the opportunity of getting their ideas incubated and get the sustenance allowance of Rs. 25,000/-per month for one year. The objectives of the cell are:

- To provide an Entrepreneurial Ecosystem, inducing an Entrepreneurial mindset into youths to contribute towards market expansion and job creation.
- To Promote linkage between the University, Industries, R&D Institutions and Financial Institutions.
- To conduct Entrepreneurship Programmes and Workshops in the University to develop Entrepreneurship and Innovation skills among the youth.
- To help budding entrepreneurs acquire the necessary managerial skills to run their business venture.

With the support of different centres and academic departments, University is able to implement the following:

- Strengthening and modernization of existing courses and introduction of new PG programs.
- Strengthening research through the involvement of a project-based approach from UG level to PG Level.
- By increasing the sanctioned strength of research scholars.
- Facilitation of research through collaborations.
- Funded research and development projects.

File Description	Document
Any additional information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.2

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

Response:

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 the 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 Laboratory Maintenance.

(x) Sports Policy.

File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the University webpage	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.3

Institution Implements e-governance covering following areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**

4.Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 .

Response:

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.

For promotion to the post of Professor and Associate professor, in addition to obtaining the requisite API score, an external evaluator is kept for evaluation and recommendation for promotion.

The non-teaching staff must also fill out their appraisal in the defined format and submit it to their respective HoD for recommendations. HODs review these appraisals for final remarks and recommendations. These appraisals are utilized for their annual evaluations and promotions.

Jaypee University of Information Technology Waknaghat has one of the best pay structures for its employees. The pay structure includes Basic Pay, Dearness Allowance, Soft & Furnishing Allowance, HRA, Books and Periodicals Allowance, Conveyance Allowance, Annual Grade Pay, Medical Allowance, Special Allowance II and PF Management Share. The salaries at JUIT are quite satisfactory,

and even during the covid-19 period, the University continuously paid their staff's salaries on time. The University organizes summer training programmes for the technical staff for their professional development and FDPs and workshops in-house and in collaboration with other bodies for the technical enrichment of its employees.

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.
- The faculty members can avail of the full registration fee and/or 50% TA/DA (national/international travel) for attending international conferences/ workshops/seminars.
- Faculty members and the staff may get advance salary for up to three months in case of emergency.
- Paid maternity leave as per the government norms.
- 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.
- JUIT also offers the benefit of Leave encashment, at retirement.
- The faculty members are entitled to 60 days of vacation, whereas other staff are entitled to 30 days of paid leave.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.2

Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 25.8

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
20	23	18	46	30

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	**View Document**
Link for Additional Information	**View Document**

Other Upload Files	
1	**View Document**

6.3.3

Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 10

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
8	12	9	14	7

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	**View Document**
Any additional information	**View Document**
Link for Additional Information	**View Document**

6.3.4

Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 34.3

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development**

Programmes year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
34	82	27	18	13

File Description	Document
IQAC report summary	[View Document](#)
Details of teachers attending professional development Programmes during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

The University has a well-strategized resource mobilization policy in place. The primary source of income for Jaypee University of Information Technology Waknaghat is fee collection from the students. Besides this, JUIT also aims to get funding from numerous sources such as alumni, research funding agencies, 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

Funds generated from the above sources are primarily used for the maintenance and development of the University.

The University has well-planned strategies for enhancing funds mobilization:

- Increasing student strength: Focus on improving student strength through various means of advertisement
- Receiving research grants: The University encourages faculty members and research scholars to apply for various research projects from Government and Non-government agencies. The University ensures spreading information to the faculty members and research scholars about the different funding agencies which provide financial assistance for major and minor research projects and organize conferences/ seminars/workshops.
- Enhancing consultancy: Plan to improve the consultancy services and summer training in all departments.
- Expanding Collaboration: Collaborations with the industries will help in mobilizing resources.
- Improving Alumni participation: Alumni are being encouraged, through alumni meetings and alumni associations, to contribute to the developmental activities of the University.

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

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.2

Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 106.23

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2021-22	2020-21	2019-20	2018-19	2017-18
0.4	27.5	37.931	0.4	40.00

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.3

Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 48.32

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
23.322	25.00	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.4

Institution conducts internal and external financial audits regularly

Response:

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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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.

Response:

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 groups are framed based on their programs. The group in charge and faculty members for each group coordinates the

activities as per the schedule for each group. 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. It also involves visits to the academic blocks and laboratories, Library, hostels, gyms, Annapurna, and health and sports facilities. Students are also taken for campus walks, nature walks, yoga sessions, sports, and nearby villages under Unnat Bharat Abhiyan. Screening of anti-ragging UGC films, and talks by eminent experts on motivation, psychological counselling, training and placement, social entrepreneurship, TIEDC, adventure, sexually transmitted diseases etc., are also conducted during induction. In the end, suggestions and feedback are collected from the students.

2. Learning outcome-based curriculum framework-revision of curriculum in regular intervals: The university, since its inception, has had 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. The University has adopted the choice-based credit system. The University has adopted the new course structure with 160 credits in 2018 as directed by AICTE. The new course structure and the detailed syllabi for B.Tech 2nd, 3rd and 4th year with 160 credits as mandated by the AICTE have been adopted w.e.f. 2018 batch/180 Credits (with an additional certificate of Minor Area/Proficiency in the approved stream. The University amended the role of MOOCs against the elective courses up to the maximum ceiling of 5% of the total credit requirement for the batch. Now, this facility has been extended against the Core courses for the students unable to complete the course requirement within 04 years against one/two leftover courses, and this is beyond the maximum ceiling of 5%. The maximum limit of earning credit through MOOC's/Online courses shall be 10% of the total credits required for the award of a degree as per the UGC.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.2

Institution has adopted the following for Quality assurance

1. Academic Administrative Audit (AAA) and follow up action taken

2.Confernces, Seminars, Workshops on quality conducted

3. Collaborative quality initiatives with other institution(s)

4.Orientation programme on quality issues for teachers and students

5. Participation in NIRF

6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of University	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3

Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

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.

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.

Following are the developments implemented:

- Examination scheduling and duties are now available online through ERP.
- Mentoring for weaker students.
- Project in the third year.
- Seminar to PG courses.

- Introduction of LMS "Moodle"

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.

A stakeholder is any person, group or organization who can claim an organization's attention, resources or output or is affected by that output. The University communicates with the stakeholders proactively and efficiently and provides regular status reports and messages. It also provides a forum to air their concerns and grievances while having the comfort of knowing that they will get a response. Along with feedback from industries, the feedback from alumni regarding the courses and their usefulness is collected regularly.

In the Institute, extracurricular activities form a vital part of the student experience, creating unique opportunities for overall development. There are various clubs under JYC to facilitate students to participate in extracurricular activities within the University and participate at the Regional/National/International level. JUIT has an excellent campus placement record. Many reputed organizations/companies visit the Institute every year to recruit UG/PG students. The University placement coordinator and the department coordinator facilitate the placement activities. JUIT successfully conducted a mass Placement Drive in coordination with HPPERC on 26/11/2021.

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.

Feedback from participants of different events (Conferences/Seminars/FDPs/Workshops) is collected.

Admission related

In order to improve admissions, the following measures have been implemented:

- Participation in the educational expo is encouraged.
- A dedicated Admission Cell has been established.
- MoU has been signed with a company, namely, No Paper Forms Solutions Pvt. Ltd., to manage the admission process.
- Digital Marketing Strategies are discussed in Heads' meetings. We hired M/S ADLIB Advertising and Marketing Consultants to improve our digital marketing efforts.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)	

Criterion 7 - 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 last five years.

Response:

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 other status. Its unique work culture, healthy traditions, and ethos have led to the enrolment of girl students and women staff. The 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. Female students are encouraged to take outdoor sports and are trained by a female sports coach cum fitness trainer.

5. JUIT has separate washrooms for female students and staff.

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

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

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

9. JUIT has constituted a "Committee for complaint against caste-based discrimination" for handling caste-based abuse against women employees and students.

10. JUIT has organized exclusively for female students.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

(a) Solid Waste Management

Plastic/metal cans and other non-biodegradable materials are generated on campus. Food scraps/papers/vegetable peels/leaves, and other organic materials are biodegradable waste. The University effectively manages solid waste by collecting garbage from the various locations within the University premises. Food trash and other non-biodegradable waste are collected in separate bins. Waste in the form of glass/paper/metal is sold to the junk dealer. After segregating dry garbage from the overall

solid waste collected from the campus, wet garbage is utilized in the preparation of organic manure using a high-end compost machine (FSK099 with a 1000 Kg/day capacity) and vermin compost facilities for cultivation purposes throughout the year. Several biogas digesters are also installed inside the campus. The university discourages the use of plastic.

(b) Liquid Waste Management

Liquid waste, mainly sewage-Waste/laboratory/residential/washing/canteen, is directed to the STP facility inside the campus and effectively disposes of liquid waste. 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 Diesel@80 Ltrs/Hr, facilitated with the efficiency of 90% pollution reduction to NOx<9.2, HC <1.3, CO<3.5 & PM<0.3 (g/kw-hr). 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). JUIT Health Care Unit handed over BMW in color-coded bags and finally the incinerable waste to the BMW Treatment plant at Sandli for final disposal. (It also submits the monthly report of the waste collected and also submits the annual report to the prescribed authority.)

(d) E-Waste Management

Being an IT university, JUIT produces a sufficient amount of E-waste regularly and is exported to authorized vendors for E-waste management. The various types of E-waste recycled include monitors/CPUs/ keyboards/mouse/ headphones/ batteries/ projector-lamps/ printers/toners/fax machines etc. Before disposal, all these wastes are put to optimal use. JUIT recycles its E-waste with the help of Green Vortex Waste Management Private Limited, IMT Manesar, Haryana.

(e) Waste Recycling System

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

(f) Hazardous Chemicals and Radioactive Waste Management

All stakeholders, especially from Academic Departments and laboratories, are responsible for disseminating information on hazardous materials being used. Biotechnology laboratories of JUIT produce small amounts of Hazardous chemicals. Highly hazardous chemicals or biochemicals, including contagious disease pathogens, patient blood, and radioactive substances, are not yet used on the university campus. JUIT has a contract with Enviro-Engineers Village Marhog (Sola Meel), Tehsil, and District Shimla (HP)for hazardous waste disposal. Enviro- Engineers lift the hazardous waste of category 5.1 in authorized vehicles for treatment.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Geotagged photographs of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.5

Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)
Geotagged photos / videos of the facilities	[View Document](#)
Any other relevant documents	[View Document](#)

7.1.6

Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7

The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Details of the Software procured for providing the assistance	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

JUIT is committed to promote cultural, spiritual and ethical values among staffs and students. Several activities are organized in the University campus from time to time so that students can learn to be morally and socially responsible. Management is very much supportive to celebrate various commemorative days so that feeling of oneness and social harmony can be germinated 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 celebrations, etc. Encouraging speeches by prominent people in the arena are designed for the development of the entire student cycle in order to develop their personality and make them responsible citizens who adhere to the world's standards of social cohesion and national integration.

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

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) The 25th HP State Level Children's Science Congress- 2017 (12 – 15 November 2017)

(iv) Visit of JNV Solan Girl Students under the Vigyan Jyoti Programme

(iv) Online Workshop on Plant Tissue Culture Techniques by The Department of Biotechnology and Bioinformatics JUIT to Vallabh Govt. College, Mandi, HP on 18th November 2021

(v) Physical fitness circuit event on February 9th, 2019

(vi) An industrial visit to NTPC KOLDAM on 22nd Sep 2018

(vii) An event Structure Made with Straws on 14th November 2017

(viii) Iindustrial tour on 3rd Feb 2018 to Ambuja Cement Plant

(ix) One week of training on REVIT from 16th-22nd April 2018

(x) International Women's Day 8-3-19

(xi) National Webinar on Gender Issues and Challenges Amidst COVID-19

(xii)Slogan Writing Competition and Nukkad Natak

(xiii) Workshop cum Exposure visit to the Department of Physics and Materials Science

In order to promote a socio-economic environment JUIT is providing education/guidance to underprivileged children within the campus and outside through a club named **Koshish Club.** It is a team of twenty-two members spanning from first to final-year students of the University. The team has two Student Coordinators from the third year to guide the activities and is finally overlooked by a Faculty Coordinator. The club aims to implement practical learning for a better understanding of the topics. Fun events combined with learning, are organized regularly in order to build the interest of the children. The classes are held on the University campus in classrooms equipped with all the latest teaching equipment. JUIT is also a part of Unnat Bharat Abhiyan for the upliftment of nearby villages in the vicinity of the campus. Various events under UBA are organized and participated in by students and faculties from time to time.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

7.1.9

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties, and responsibilities and constantly works to nurture them as better citizens of the country through various curricular and extra-curricular activities. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the JUIT community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted all the national days, awareness programs on vigilance, ban on plastics, cleanliness, Swachh Bharat, etc. involving students, faculties, and the local citizens of the area.

The university raises successful leaders among the students by conducting an election every year for the Jayppee Youth Club. The elected representatives are given leadership training and delegate the responsibilities of organizing many programs at the university level with the support of other student members and volunteers.

As a minor step toward instilling constitutional commitments among students and university staff, the University included a few mandatory value-added 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.

JUIT establishes policies that reflect core values. A code of conduct is prepared for students and staff separately and everyone should obey the conduct rules. The university encourages the participation of students in Sports and Games, and NCC strengthens nationwide bonds and relations.

Over the previous five years, there have been several group activities and initiatives, out of which a few are mentioned below:

1. Azadi ka Amrit Mahotsav

2. Har Ghar Tiranga

3. Vigilance Awareness week

4. Yoga day

5. Blood donation camp

6. Republic day

7. Independence day

8. Swachata pakhwada

9. Unnat Bharat Abhiyan

10. National cadet core for boys and girls

11. Drug abuse awareness in school and village through rally and Nukkadd Natak

12. Cleanliness and Waste Management Awareness Campaign

13. Slogan Writing Competition and Nukkad Natak about gender equity and to make young generation aware about that how an inclusive environment open up the path of progress

14. International Women's Day to promote women in every sphere of society

15. Plantation drive

16. No plastic campaign

17. Run for unity

18. Youth parliament

19. Student induction program

20. Faculty induction program

21. Ek Bharat Shrestha Bharat

22. Kosish Club for the Children education of Financially weak parents

23. Gender Champions club

24. Jaypee Youth Club

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.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11

Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

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

Republic Day and Independence Day:

JUIT celebrates national days of high importance with great enthusiasm. Apart from Flag Hoisting and Motivational Talks by the Head of the institution, the students organize many cultural programs and competitions.

Gandhi Jayanti: Gandhi Jayanti is celebrated through channelized dissemination of the ideals of the Father of Nation. Swachhata Abhiyaan and tree plantation drives are conducted by students and faculty on and outside the campus.

National Science Day (Birth Anniversary of Sir C. V. Raman)

National Mathematics Day (Birth anniversary of Ramanujan)

Teacher's Day (Birth anniversary of Dr. S. Radhakrishnan)

Similarly, anniversaries of great personalities are commemorated by organizing invited talks, quizzes, poster model competitions etc.

Har Ghar Tiranga: It represents national integrity and signifies the hopes and aspirations of the Indian people. JUIT conducted the Har Ghar Tiranga Abhiyan in the campus and vicinity of the University. Students and faculty participated with great zeal.

Various festivals are celebrated on the campus of the University, such as

Lohri,

Janmashtami,

Holi,

Diwali,

Vishwa Karma Puja

Nav Durga Festival etc.

Other days of national/international importance are also organized such as

International Youth Day,

International Yoga Day,

World environment day,

Students also organize and participate in competitions, and technical, cultural, and institutional fests during these occasions.

Hindi Diwas is celebrated by organizing competitions through the student hubs.

International Women's Day is celebrated annually. To mark this day, street plays on gender sensitization and workshops to address the issue of gender parity are organized.

The importance of sustainable development is demonstrated through important national and international days like

Environment Day,

Earth Day

is celebrated every year.

Social welfare programmes: Blood Donation camps are arranged every year or twice a year, teaching students from the weaker class of society (through the KOSISH club in the University) and direct involvement with nearby villagers under Unnat Bharat Abhiyan where students and faculty of the University conduct various programmes for the betterment of the farmers and villagers. JUIT adopted five nearby villages under UBA.

The University organizes various events to create an inclusive environment for the students, such as:

JUIT has been constantly engaged in personality grooming and making the communication of students effective. By staging plays that have boosted students' confidence and sense of theatricality, making them

win prizes and certificates in national-level competitions.

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 organizing interdepartmental sports activities on campus 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	Document
Geotagged photographs of some of the events	[View Document](#)
Any other relevant information	[View Document](#)
Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice- 1

1. Title of the Practice

Technology Incubation and Entrepreneurship Development (TIEDC)

2. Objectives of the Practice

- To provide an Entrepreneurial ecosystem, inducing an Entrepreneurial mindset into youths to contribute towards market expansion and job creation.
- To Promote linkage between the University, Industries, R&D Institutions, and Financial Institutions.
- To conduct Entrepreneurship Programs and Workshops in the University in order to develop Entrepreneurship, Innovation skills among the youth.
- To help budding Entrepreneurs to acquire the necessary managerial skills to run their business venture.

3. The Context

Entrepreneurship programs have been a challenge in the Indian context due to a lack of information regarding the business prospects in various technology-driven sectors. Additionally, there has been a lack of 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 own business ventures.

4. **The Practice**

The vision and mission of the TIEDC are to aid in the growth of our society by enabling Entrepreneurs with integrity & sustainability and to encourage individual ability and creativity. To be the leader in enabling & facilitating Entrepreneurs, supporting the sparks of budding Entrepreneurs, and manifesting the spirit and energy of youth from ideation to Start-up.

MoU between JUIT and H.P. Govt

- In order to provide technical support and mentoring to the 'Startup' and Innovation Projects of the educated youth a Memorandum of Understanding (MoU) between, the Department of Industries, Govt of HP, and the Jaypee University of Information Technology, Waknaghat has been signed.
- According to this MoU, University shall undertake business incubation and entrepreneurship development activities as per the provisions of the Startup Policy and guidelines and execute obligations under the proposed scheme and guidelines. The entity is referred to henceforth as the Empanelled Incubator.

- TIEDC is supported by the Department of Industries, Himachal Pradesh under the Chief Minister's Startup/Innovation Projects/New Industries Scheme.
- TIEDC works to harness the talents and research strengths available in different Engineering disciplines and apply the same to socially relevant projects in the form of Startup ventures. TIEDC provides mentoring and technological guidance to perspective Entrepreneurs.
- TIEDC is supported by the Department of Industries, Himachal Pradesh under the Chief Minister's

5. Evidence of Success

In the incubation facility at JUIT:

- *A total of 116 applications were received;*
- *25 incubations completed;*
- *3 are going on;*
- *11 new applications received.*
- *9 successful startups;*
- *6 awards won by the persons associated with us*

https://www.juit.ac.in/TIEDCpast_events

https://www.juit.ac.in/tiedc-guest-list

https://www.juit.ac.in/tiedc_InternalReview

https://www.juit.ac.in/tiedc-external-mentors

https://www.juit.ac.in/board_TIEDC_Team

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

6. Problems Encountered and Resources Required

As such the university did not encounter any major problem in adopting and implementing this best practice. The resources turned out to be well within the availability of the university.

7. Notes

This best practice can be opted by all the institutes and universities for the welfare of students and it will be in line to make in India mission of GOI. This will provide the platform for the students to be independent and in this way, startup via incubation centers will help in the "Shine India" mission.

Best practice–2

1. Title of the Practice

Foreign Student Exchange Program

2. 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- a global perspective.

3. 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 programs. These programs enable students to learn at different levels and get out of their comfort zone for enhanced learning and personal growth.

4. The Practice

It includes sending undergraduate/graduate students to do a course as a part of their regular degree in this foreign-student exchange program. 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.

5. Evidence of Success

Exchange programs help students to make global connections. Based on their foreign exposure, students get new opportunities to work. These connections also help them define and refine their career path in the future. In the last 5 years, Forty-Nine Students have been enrolled in Student exchange programs. Out of 49, 29 students were at Florida State University, Florida USA, and 20 were at South Dakota School of Mines & Technology, SDSMT, SD, USA. Out of them, 07 have been selected for sponsored/fully funded Ph.D. programs at the South Dakota School of Mines & Technology, SDSMT, SD, USA. 02 students have been selected for the MS program there. The students in Florida are offered MS opportunities after the exchange program. They are also eligible for credit transfer for the MS program.

6. Problems Encountered and Resources Required

The University encountered no significant problem in adopting and implementing this best practice. Although students are provided with free-of-cost consumables. Lab space, no fee for project credits at the SDSMT campus. Students in Florida are also eligible for credit transfer for MS. Yet finding accommodations for them outside campus is a cumbersome process for the mentor at these places. Students have to pay for their accommodations and travel and it takes time to get suitable living space for them because it has to be settled and fixed before their departure to the USA.

7. Notes:

It helps students to experience a new and different culture through educational as well as cultural exchange and promotes a deeper understanding of the outside world. It deepens students' knowledge of foreign cultures and strengthens international relationships.

File Description	Document
Best practices in the Institutional web site	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Support to Students in the form of DBT-Sponsored PG Program, Fee Concession for Military wards, and Skill Development Programs

(a) DBT-Sponsored PG Program:

Department of Biotechnology (DBT) supported Post Graduate (DBT-PG) Program in Biotechnology is running successfully at JUIT for the last two years. Ten DBT-financed students and twenty other students

can be admitted in an academic year with due permission from DBT. Graduate Aptitude Test-Biotechnology (GAT-B), is an all-India Entrance Examination to test the eligibility of bonafide Indian nationals for admissions to DBT-Supported Post Graduate programs in Biotechnology and allied areas, at participating universities.DBT is managing DBT-supported Post Graduate programs in Biotechnology and allied areas and conducting of Graduate Aptitude Test – Biotechnology (GAT-B). The first batch has already been passed and some students have already been placed in industries and some of them opted for higher studies. Some more information is available at:

and at,

(b) Fee Concession and Reservation for Military Wards:

The primary objective of the Indian Army is to safeguard the nation's territorial integrity from external aggression and threats and maintain peace and security within its borders. The army performs dozens of missions such as disaster response and safeguarding in case of any internal riot or conflict. But when a serving member is injured or dies in a combat zone, the consequences for his/her family can be profound and long-lasting. The amount of pension depends on the rules governed by the government. It is difficult for the children of ex-servicemen or the children of war widows to bear the expenses of higher education. Everyone should contribute in some capacity to help these children. 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. For undergraduate courses here at JUIT, 10 percent of seats are reserved for such categories. In the last four years, 123 military wards (29 in 2019-20, 24 in 2020-21, 28 in 2021-22, and 42 in 2022-23) got benefited from this scheme and made their careers.

Fee relaxation in the times of CORONA pandemic

In addition to this, the corona crisis in the country for the last two years has had a profound impact on the lives of the people and caused great emotional, psychological, financial, and social distress. The coronavirus crisis has created a massive disruption in the financial "norm" of higher education. JUIT, as a part of its social commitments, has a responsibility of helping students who are facing hardship to continue their studies. In view of COVID-19, the Management approved a one-time special COVID relief package (CRP) of a reduction in tuition fees by 20 percent for the academic year 2020-21. The Management also approved a one-time special CRP of reduction in tuition fees by 12.5 percent for the academic year 2021-22 only so that the students and parents have a bit of relief in these tough times.

(c) (i)Empowering Youth with Skill Sets to Get Jobs through DBT supported Skill Vigyan Program

At the Department of Biotechnology, JUIT, we have a GoI-supported skill development program in multidisciplinary areas of Biotechnology. The objective of the skill development program is to provide high-quality hands-on training in tools and techniques to biotechnology students in multidisciplinary areas of Biotechnology to make the young biotechnologist ready to take up jobs in industries, hospitals, medical colleges, R&D laboratories, and diagnostic laboratories.

In this Skill, Vigyan Program, high-quality hands-on training in tools and techniques in multidisciplinary areas of biotechnology for entry-level students (10+2 and Graduates in Biotechnology) in partnership with State Councils of Science & Technology in respective States has been and is being given. This

program has been designed for providing skill training under four categories (i) Skill training for students (ii) Technician training (iii) Faculty training and (iv) Entrepreneurship training. The training modules are conducted for a duration of 3-6 months. The linkages have been developed with concerned sector skill councils for certification of training.HIMCOSTE in association with DBT is running the **"Skill Vigyan Program in Biotechnology" in** Himachal Pradesh. The program has been implemented in Himachal Pradesh in collaboration with **Life Sciences Sector Skill Development Council (LSSSDC)** and partnering institutes in the State.

- **Quality Control Biologist**, two training programs of 3 months duration each has been conducted in JUIT. The eligibility for Quality Control Biologist training program is a BSc in Biology/ Biotechnology and there is a provision of Rs. 5,000/- studentship.
- **The Laboratory Technician/Assistant Training** program is conducted twice a year at JUIT. The eligibility for Laboratory Technician/Assistant Training program is a BSc in Biology/ Biotechnology. A studentship of Rs. 5,000/- per month for 3 months duration course is admissible.

Through these skill development programs, students have been trained in various fields of Biotechnology. A large number of major industries for Fast Moving Consumer Goods (FMCGs), food, pharmaceutical, and beverages are interested in such programs. HIMCOSTE and JUIT are making necessary tie-ups with industries so that students across the State get an opportunity to get placements in industries, hospitals, and R&D laboratories in Himachal Pradesh and neighboring states. For these programs, faculty members of JUIT have been trained and recognized as Certified Trainers by Skill Council, India.

https://www.juit.ac.in/skill-vigyan-project

c. (ii) Skill Development programs in Infrastructure Development from Department of Civil Engineering JUIT

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

2021-2022:

https://www.juit.ac.in/department/civil/InnovativeSolutionsforSustainableConstructionsinCivilEngineering.pdf

Programs organized for the skill development of masons of Solan district under the District Disaster Management Committee

2019-2020:

https://www.juit.ac.in/department/civil/REPORT25Feb2020.pdf

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Jaypee University of Information Technology (JUIT) has been in forefront of Education and research in Himachal Pradesh. JUIT has been recognized by the Government of India and Government of Himachal Pradesh as a centre of Learning and Research.

Department of Industries, Government of Himachal Pradesh has established and funded Technology Incubation and Entrepreneurship Development Cell (TIDEC) at JUIT for CM startups. The Government of Himachal Pradesh has also established one of the IPR Cell at JUIT for encouraging Patents, GIs and Designs. JUIT is also a part of CII Himachal and are continuously looking for commercialization of IPR products.

During COVID-19 period the university supported the society by Vaccination and sensitizations camps. The Students during this period were provided all online support and To make evaluation conducive, the University collaborated with various online evaluation supporting agencies to ensure impartial and proctored evaluation. JUIT has successfully implemented the system for the availability of digitally verified degree certificates online from the government-approved NAD on Digilocker.

JUIT has its Unnat Bharat Abhiyan (UBA) cell. Apart from its defined activities, The UBA cell has adopted five villages(Wakana, Chawsha, Dumehar, Richhana and Bisa)around university around university and provides them support for their sustainable growth.

JUIT campus has been awarded as an Eat Right Campus by Food Safety and Standards Authority of India (FSSAI). JUIT has NCC for Girls and Boys adds an avenue for personality development of students. JUIT provides 30 percent concession in Tuition Fees for wards of serving and retired armed forces & Para Military Force personnel in UG admissions. Additional 5 % (35 percent) to wards of war widows.

Concluding Remarks :

Jaypee University of Information Technology, (JUIT) was established by Act No 14 of 2002 vide Extraordinary Gazette Notification of the Govt of Himachal Pradesh dated May 23, 2002. JUIT is also a member of the Association of Indian Universities (AIU).

The University campus is spread over 25 acres of lush green picturesque slopes of Waknaghat hills in the Solan District of Himachal Pradesh. The smart campus is pollution free and enjoys lovely weather throughout the year. JUIT offers a challenging academic environment to its students by aiming to instill the habit of life-long learning. The excellent record of placement shows that our students are industry-ready.

On the research front, JUIT endeavours worldwide collaborations with universities, research laboratories and industries. Research publications by faculty members and students are in highly reputed journals. JUIT PhD theses must have publications in Scopus/SCI indexed journals reflect JUIT's intent of not compromising on research quality. JUIT research Contributed more than 3,760 Research Publications, 121 Books and 330 Book Chapters. JUIT Organized 29 International Conferences, 216 invited talks, 81 national workshops with around 8,000 plus delegates from India and abroad. JUIT Received 92 research grants from various Government

Agencies & 21 Patents granted.

Progression activities for students and faculty members in the form of FDPs, workshops, expert talks, technical events, etc. take place around the year. Various committees and cells have been set in place to ensure equal opportunity, grievance redressal, woman harassment, etc. Governing Council, Academic Council, Board of Studies is the statutory bodies responsible for governance and management at JUIT.

JUIT bear its social responsibilities like participation in Unnat Bharat Abhiyan, providing Water Supply and Free Medical Services to nearby villagers. During the COVID-19 closure, JUIT adopted modern and effective online teaching, examination and evaluation tools to ensure unbiased reach of education to its students.

JUIT has its share of opportunities and challenges. Its Geographical location presents a difficult challenge in attracting students. JUIT is working on spreading the potential of higher education through its various outreach activities, JUIT acknowledges that it needs to work on student intake, research output, linkages to industries for research & consultancy and build a more participative alumni network.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.2	**Percentage of Programmes where syllabus revision was carried out during the last five years.** 1.1.2.1. **How many Programmes were revised out of total number of Programmes offered during the last five years** Answer before DVV Verification : 12 Answer after DVV Verification: 7 1.1.2.2. **Number of all Programmes offered by the institution during the last five years.** Answer before DVV Verification : 14 Answer after DVV Verification: 13 Remark : Value updated considering percentage of revision programs excluding Ph.D.
1.2.1	**Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.** 1.2.1.1. **How many new courses were introduced within the last five years.** Answer before DVV Verification : 708 Answer after DVV Verification: 632 1.2.1.2. **Number of courses offered by the institution across all programmes during the last five years.** Answer before DVV Verification : 1273 Answer after DVV Verification: 1273 Remark : Value updated as per attachment and removing duplicate courses /course codes .
1.2.2	**Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).** 1.2.2.1. **Number of Programmes in which CBCS / Elective course system implemented.** Answer before DVV Verification : 14 Answer after DVV Verification: 13
2.4.2	**Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years** 2.4.2.1. **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>84</td><td>88</td><td>96</td><td>100</td><td>91</td></tr></table> Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
77	86	93	90	94

2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**

2.4.3.1. Total experience of full-time teachers
Answer before DVV Verification : 883.9
Answer after DVV Verification: 878

3.3.3	**Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.**

3.3.3.1. Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.
Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
9	17	6	2	4

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
7	3	5	2	4

Remark : Values updated as per attachment

3.4.5	**Number of research papers per teachers in the Journals notified on UGC website during the last five years**

3.4.5.1. Number of research papers in the Journals notified on UGC website during the last five years.
Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
193	266	261	251	387

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
193	266	261	251	387

3.4.6	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

	3.4.6.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
83	94	88	71	81

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
83	94	88	71	81

4.4.1	**Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years**

4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
151.95	143.26	233.34	250.95	237.26

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
15	14	23	25	23

Remark : Values updated in absence of specific details of maintenance expenditure

5.1.2	**Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

5.1.2.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1831	1424	2074	2235	1555

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1831	1424	2074	2235	1555

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 last five years.

5.3.1.1. **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) year - wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16	47	33	8	23

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
16	47	33	8	23

6.3.2	**Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
20	23	18	46	30

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
20	23	18	46	30

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
14	12	12	11	11

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
13	11	11	10	10

2.1	**Number of students year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1865	1808	1796	1919	2042

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1721	1657	1646	1754	1892

2.2	**Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
420	420	439	528	492

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
420	420	439	528	491

2.3	**Number of students appeared in the University examination year-wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1842	1767	1771	1865	1963

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1842	1767	1771	1865	1963

3.1	**Number of courses in all programs year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
260	239	279	250	245

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
260	217	279	246	230

3.2	**Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
101	97	107	114	106

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
101	97	107	114	106

3.3	**Number of sanctioned posts year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
107	104	104	109	115

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
107	104	104	109	115

4.5	**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1434.81	1103.01	2302.43	2375.23	2106.38

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1434.81	1103.01	2302.43	2375.23	2106.38