Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**
Name of the head of the Institution	**Prof Vinod Kumar**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**01792239201**
Mobile no.	**9412074172**
Registered Email	**vinod.kumar@juit.ac.in**
Alternate Email	**vinod.kumar@juitsolan.in**
Address	**Waknaghat, P.O. Waknaghat, Teh Kandaghat, Distt. Solan**
City/Town	**Solan**
State/UT	**Himachal pradesh**
Pincode	**173234**

2. Institutional Status

University	**Private**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof Sunil Kumar Khah**
Phone no/Alternate Phone no.	**01792239221**
Mobile no.	**9816975754**
Registered Email	**juitiqac@mail.juit.ac.in**
Alternate Email	**sunil.khah@juit.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.juit.ac.in/AQARIQAC

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.juit.ac.in/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	**B+**	**2.66**	**2017**	**30-Oct-2017**	**29-Oct-2022**
1	**B**	**2.63**	**2011**	**16-Sep-2011**	**15-Sep-2016**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**05-Sep-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

NA

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
The meeting IQAC and its sub committes has discussed and deliberated on the feedback from different stakeholders including NAAC, HPPERC and have made recommendations on the specific inputs	On the basis of recommendations, the following actions were recommended 1. To introduce CBCS from semester 5th of B.Tech 2. More stress on research proposals. 3. Start of MOOC courses in 3rd and 4th year of B.Tech

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14. Whether AQAR was placed before statutory body ?	**No**
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**No**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**All work of university is done by ERP system from admission to completion of degree. The HR and Finance of the University is also done by it**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Mtech	**MTCE`**	**CIVIL**	**01/07/2019**
Mtech	**MTCS**	**Computer Science**	**01/07/2019**
Mtech	**MTEC**	**Electronics & Communication**	**01/07/2019**
[View Uploaded File](#)			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	**BTCS**	**01/07/2019**	**20B1WCE733**	**01/07/2019**
[View Uploaded File](#)				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	**Biotechnology**	**01/07/2019**
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting	Programme Specialization	Date of implementation of

CBCS		CBCS/Elective Course System
BTech	Biotechnology	01/07/2005
BTech	Bioinformatics	01/07/2002
BTech	Civil Engineering	01/07/2003
BTech	Electronics & Communication Engineering	01/07/2002
BTech	Computer Science & Engineering	01/07/2002
BTech	Information Technology	01/07/2002
Mtech	CSE	01/07/2004
Mtech	civil	01/07/2011
Mtech	ece	01/07/2005
Mtech	biotech	01/07/2003
MSc	biotech	01/07/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Advanced Concrete Technology	01/07/2019	31
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil	76
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The students were asked to fill the feedback form before their final exams ,where at departmental level faculties were assigned to collect feedback of subject taught by other faculty and submit after sealing at the same time and submit it in admin office. Then analyzed feedback report was shared with faculty and if required departmental head would counsel the faculty for the further improvement. Foe checking the students progress the meetings and counseling sessions were carried out on the basis of feedback generated by faculty like ? After the Test-I and Test-II result analysis Remedial classes

are conducted after tracking the weakness of students. ? Extra classes are arranged for the revision of course. • The University has started to prepare the database concerning the progression of the students. Alumni feedback is one of the main part of it. • Details of all students are being recorded and updated time to time and kept in the core departments/registry. • Pass out students meeting are held regularly at the end of the year and an exit feedback is collected, analysed and results are accordingly advised to concerned departments. • Alumni meet was organised by the university for rejuvenation of student university connect.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	BTECH	570	9225	403

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1597	196	84	0	21

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
105	105	10	27	27	Nill

View File of ICT Tools and resources
View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

All students of first year are allotted mentors from applied science and humanities branch for the first year. In second year the Mentors are allotted from the department of study. these mentors are in touch with student full duration of course. they keep track of his progress and also interact with him at professional and personal level. weak students are also given remedial classes as suggested by mentors. The office of Dean student Welfare and dean Academics are also involved in this process.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1693	105	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
104	105	0	6	84

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Kaushal	Assistant Professor	Gold Medalist of NPTEL SWAYAM course

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	BTCSE1	2019	11/12/2019	19/12/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	1771	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.juit.ac.in/NAAC2022/NAACFILES/1/?dir=1.1%2F1.1.1

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BT	BTech	ALL	422	421	99.76
MT	Mtech	ALL	38	37	97.36

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.juit.ac.in/IQAC-student-satisfaction-survey

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Saurabh Rawat	IGS-Shri R.N. Prasad Biennial Award-2019 - Best paper in landslide section	19/12/2019	Indian Geotechnical Society

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF 3 CANDIDATES	1095	SERB
JRF ONE CANDIDATE	305	ICMR
JRF 4 CANDIDATES	305	HIMCOST
RESEARCH FELLOWSHIP 61 CANDIDATES	1096	UNIVERSITY [JUIT]

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DST	19.48	5

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Six Day Online Workshop on Mix-Design Methodology for Concrete and Bitumen	civil	23/09/2019

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Isolation and purification of Picroside-I and Picroside-II	Hemant Sood, Varun Kumar and RS Chauhan	Indian Patent Office	18/12/2019	Patent

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
JUIT	Arun Sharma	INDUSTRIES DEPARTMENT	JORRS (Life Science)	SERVICE	01/07/2019

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
BIOINFORMATICS	2
BIOTECHNOLOGY	4
CIVIL ENGINEERING	3
COMPUTER SCIENCE ENGINEERING	5
ELECTRONICS COMMUNICATION ENGINEERING	3
PHARMACY	4
PHYSICS MATERIAL SCIENCE	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	75	Nill

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE	44

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
System and Method to Monitor Real Time Mental Health of user	Published	2147483647	01/07/2019

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
An efficient architecture for the accurate	Sharma A., Singh P.K., Sharma A., Kumar R.	Computer Communications	2019	5.047	juit	48

detection and monitoring of an event through the sky						

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An efficient architecture for the accurate detection and monitoring of an event through the sky	Sharma A., Singh P.K., Sharma A., Kumar R.	Computer Communications	2019	63	48	juit

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	50	117	9	11
Presented papers	40	6	0	0
Resource persons	11	4	7	1

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering Department	3 numbers sample of 7 ply strand for prestressed concrete - for 40 m span PSC Box Girder Bridge across Nallah on Brahmana to Bala Road	HPPWD	8180
Civil Engineering Department	Bar strength of Steel material for conducting tests in	HPPWD	2000

	UTM (8 , 12, 16, 20, 25 mm)		
CSE/IT	Cloud Computing Installation	Giga Byte Pvt. Ltd.	20000
CSE/IT	Identification of commercial crop diseases using Image Processing techniques its environmental effects for the farmers of Himachal Pradesh with feedback system using IOT and android application	HPDEST	996750
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dr. Tanmay and Dr. Saurav	Three days training programme on "Training for masons on Hazard resistant construction"	HPDDMA, Office of Deputy Commissioner Solan, HP 173212, 01792-220656	16065	33
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachata hi sewa campaign at Richhana and Dumehar village HP	UBA GOI	5	40
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Development of Science Maths Competency based Test items	Nominated Member in the Panel of Experts	Director (Acad) Central Board of Secondary Education (CBSE) Delhi	1
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Rajesh Kumar	GIST, South Korea	30
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training and Skill Development	JUIT-BSNL	HP TELECOM CIRCLE (BSNL) Solan, Himachal Pradesh	01/06/2019	31/12/2021	100
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
University of Florida	01/07/2006	student exchange	5
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
400	416.23

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with LCD facilities	Existing
Laboratories	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBERTY	Fully	5.0	2005
KOHA	Partially	18.11	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Journals	4	3468000	Nill	Nill	4	3468000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Jitendraa Vashistt	Paper 12, Module 02: Various membrane models including fluid Mosaic Model.	e-PG Pathshala	01/01/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1129	759	2	66	59	34	110	1000	18
Added	0	0	0	0	0	0	0	0	0
Total	1129	759	2	66	59	34	110	1000	18

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content	
Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
nil	https://www.juit.ac.in/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
100	96.88	140	136.46

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

> The University follows the procedure for maintaining and utilizing physical, academic and support facilities as per the standard protocols set by the university. The departments maintain the annual contacts of the labs and they raise the request for the new purchases. The new purchases are done in accordance with the rules and there is a separate department of purchase for that. These facilities are there for both academic and other departments. A department of maintenance is there for the university which looks after the needs of the maintenance of all things in university

https://www.juit.ac.in

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	fellowship to PhD M.Tech	93	16266464
Financial Support from Other Sources			
a) National	Tution Fee Concession to the Wards of Serving Armed/Paramilitary Forces	29	1735650
b)International	Freeship given to Bhutan Students	39	11383000
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Pre-Placement Activity - Mock Personal Interviews for the batch of	02/09/2019	356	Placement Cell

2020 by the Dept. of HSS, JUIT.	

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Pre-Placement Activity - Mock Personal Interviews for the batch of 2020 by the Dept. of HSS, JUIT.	17	356	10	248

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
8	8	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Click Labs Infosys TT Consultants Cogizant Kony Labs UniMrkt Coviam Technologies Kuliza Wep Digital Edoofa Kwench Wipro Ericsson Nineleaps Yamaha Motor Sol FICO NTT Data ZS Associates	283	248	Nill	Nill	Nill

Gemalto Decision Point Zscaler Genpact Root Analysis Zycus Grappus					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	11	B.TECH	CSE/CIVIL/BT	multiple	MTECH
[View File]()					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	6
CAT	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
PARAKRAM (SPORTS)	UNIVERSITY LEVEL	150
[View File]()		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Kashi Yatra-2020 at iit BHU	National	1	Nill	Nill	Piyush Kumar Singh, Nandan Agrawal, Simran Gohan, shriti Roy, Sanyam Saxena, Shagun Sharma, chaitanya mogh, Mahima

						singh Thakur, Kanishk Bhatt, Saumya Jain, Mrinal Sharma, Garima Singh, Devansh Kaushik, Harsh Mishra, Ishan kotwal, saksham tandon, p

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

UIT Youth Club (JYC) is the name of enthusiasm, development, consistency and effort. It is the body which widens students view from academics to various fields such as sports, literary, cultural and technical and provides opportunity to explore them. It encourages in students expression, celebration, recognition and integration. It helps students acquire qualities like team work, sportsmanship and leadership. Not only this, it retreats students from academics load by organizing events, fests and other extra-curricular activities. Focusing on technical, literary, sports, and cultural scopes these competitive activities, apart from serving as a relief from intense academic load, present an opportunity to instill confidence, encourage teamwork and give students a strong sense of achievement and belonging.It constitutes of differnt clubs and commitee details are mentioned on the website.http://jyc.co.in/index.html

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

5000

5.4.3 – Alumni contribution during the year (in Rupees) :

275000

5.4.4 – Meetings/activities organized by Alumni Association :

Webinars conducted for technical and motivational lectuers along with orientation for higher education in India and oversaeas. https://www.juit.ac.in/webinar-BTBI

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Composition of Internal Quality Assurance Cell (IQAC) https://www.juit.ac.in/IQAC-committee Details of Committees at University Level https://www.juit.ac.in/committees

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Examination and Evaluation	The University has taken significant examination reforms for the B.Tech, M.Tech and Ph.D programs. Assessment through examinations ensures that students gain knowledge as per stipulated Course Objectives defined in the syllabus.
Curriculum Development	Since its inception, the University has followed Outcome based Course Curriculum. The revision of Curriculum is carried out at regular intervals to ensure that the Objectives and Outcomes are relevant and updated with current times. New courses are introduced from time to time to keep the students updated with the latest technological developments and research

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Student Admission and Support	All student activities are monitored and done by MIS of university. ALl students, parents and others have access to it Link: https://webkiosk.juit.ac.in:9443/

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	PRADEEP GARG	International Conference on Computational Intelligence and Data Science (ICCIDS 2019).	IEEE	10250
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	One week workshop "Emerging areas of Research in Image P rocessing" (ERIP 2020)" by Signal and Image Processing Group, Organized by ECE Dep artment, JUIT Waknaghat	One week workshop "Emerging areas of Research in Image P rocessing" (ERIP 2020)" by Signal and Image Processing Group, Organized by ECE Dep artment, JUIT Waknaghat	06/01/2020	12/01/2020	35	10
			View File			

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Deep Learning for Image Processing: Overview, Challenges and Future, conducted by NITTTR, Chandigarh at Jaypee University of Information Technology, Waknaghat.	1	24/02/2020	28/02/2020	7
		View File		

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

| 104 | 107 | 132 | 132 |

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
yes	yes	yes

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Internal and external audit is conducted every ear, The all financial details are also uploaded on the web page of the university in annual report.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nill	0	NA

No file uploaded.

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	JUIT	Yes	JUIT
Administrative	No	Nill	Yes	JUIT

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

NA

6.5.4 – Development programmes for support staff (at least three)

1. Different technical workshops were conducted like training for conducting virtual labs, Libre Office Suite Writer, LibreOffice Suite Calc, LibreOffice Suite Math" were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, and Govt. of India and for librvirtual lab 2. Staff was motivated to carryout higher education in their respective domains for their skill enrichment and knowledge enhancement. 3. Trainings in different advance lab courses during summer vacation were conducted by faculties for technical enrichment of lab staff.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. To introduce CBCS from semester 5th of B.Tech and provision of proficiency courses and open electives to diverse their knowledge and scopes 2. Faculty from different departments were designated to share information on regular basis regarding advertisements of research proposals and motivation with orientation was also carried out at departmental level to submit proposals to

various funding agencies. 3 Start of MOOC courses in 3rd and 4th year of B.Tech

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Open Elective to be floated	12/08/2019	01/07/2020	Nill	11

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Women's Day	08/03/2019	08/03/2019	12	13

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The university regularly monitor all the aspects of environment safety and cleanliness . University management and JYC environmental club hosts many drives for providing awareness and measures for this concern. The University has its own STP and rain water harvesting system. Food and other waste materials have been used for the generation of biogas .. Regular cleaning drives are organised by university under swatch Bharat Abhiyaan and we have celebrated 150th Ghandhi Jayanti by organising many events like poster competitions, debates , donation of clothes and useful articles and planting trees. There is proper waste management in University. E-waste and hazardous waste are disposed off by authorised agencies. Celebration of World Enviorment Day and Sawatch Bharart Abhiyan are always

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	Yes	Nill
Physical facilities	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	5	5	24/08/2020	7	National Webinar on Gender Issues and Challenges Amidst COVID-19	5	30

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
orientation	19/07/2019	First Year Orientation as per UGC

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
orientation	19/07/2019	03/08/2019	400

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The University is in forefront for making eco friendly campus. it is one of the best green campus of India. few initiatives taken by university are 1.Formation of charcoal briquettes from pine needles 2.Development of vermicompost for horticulture wing of JUIT: 3.Training on Organic Farming at Jaypee University of Information Technology 4.JUIT organizing a week on Sustainable Technologies for Rural Development 5.Biogas Reactor for Marginal Families

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

JUIT followed best practices regular updates in Curriculum of UG and PG classes first discussed at departmental level then final approval by BoS and by academic council. , Teaching-learning modes are equipped with latest technologies like digital user ids are provided to students for connecting online and accessing all teaching materials provided in Pdf,ppts along with vedios. Three test are conducted in a semester for fair evaluations. Many extracurricular activities are organized for the holistic grooming of students like inter-personal, communication and leadership skills. As per requirements infrastructure is developed for providing latest platforms to work and to carry out research.. Rest proficiency courses and elective course from department and inter department also offers wide diversity for studying integrated disciplines. Students even accomplish project having IT and Biology as specialization like developing apps for diseases, sensors for identifying environmental factors, green technology in civil engineering and biofuels.

Students generate publications out of their 4th year research projects like working on endangered medicinal plants for their propagation and molecular exploration and study of lead molecules for treating chronic ailments etc showed freedom of research exploration along with advanced infrastructure provide by JUIT for the students overall growth and development.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.juit.ac.in

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

In the present scenario, people wanted technical expertise rather than gaining only the theoretical and classroom knowledge. The industrial training and hands on practices in the research project form are two major factors considered strongly in Jaypee University of Information Technology. It helps in generating good placement records as well admission of students for higher education in reputed Institutes in India and overseas. IPR cell for intellectual property generation and Technology Incubation and Entrepreneurship Development cell working in JUIT for students skill enrichment and development by conducting many events and trainings from distinguished experts, are funded by Govt of Himachal Pradesh. JUIT has multi corers of research funding in different departments from different governmental bodies like DBT,DST ,ICMR ,DRDO etc. It has 12 granted patents from Govt of India and many other have been filed and published. JUIT conducts many social activities like workshops and trainings for farmers, establishments of Biogas plants and management of wastes by sustainable technologies, sewage water treatment for irrigation and Unnat Bharat Abhiyan etc are carried out successfully in JUIT.

Provide the weblink of the institution
http://www.juit.ac.in

8.Future Plans of Actions for Next Academic Year

1. Increase in the strength of students and faculties. 2. Increase the research labs infrastructure. 3. Encouragement for industrial interactions for projects and research. 4. Competing for more research project grants and developing more Intellectual Properties 5. Efforts for improving academic and research quality .