

Annual Quality Assurance Report (AQAR)

in Accredited Institutions

(2018-19)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution

Jaypee University of Information Technology

1.2 Address Line 1

PO Waknaght

Address Line 2

Teh. Kandaghat

City/Town

Solan

State

Himachal Pradesh

Pin Code

173234

Institution e-mail address

registrar@juit.ac.in

Contact Nos.

01792-245371

Name of the Head of the Institution:

Prof Vinod Kumar

Tel. No. with STD Code:

01792-239201

Mobile:

9412074172

Name of the IQAC Co-ordinator:

Prof Sunil Kumar Khah

Mobile:

9816975754

IQAC e-mail address:

juitiqac@mail.juit.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

11898

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/56/A7A/009 dated 16-09-2011

1.5 Website address:

www.Juit.ac.in

Web-link of the AQAR:

<http://www.juit.ac.in/IQAC/AQAR.php>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.64	2011	2016
2	2 nd Cycle	B+	2.67	2017	2022
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

05/09/2016

1.8 AQAR for the year (for example 2010-11)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- | | |
|-------------------|--------------|
| i. AQAR 2017-18 | (22/01/2019) |
| ii. AQAR 2016-17 | (23/03/2018) |
| iii. AQAR 2015-16 | (06/10/2016) |
| iv. AQAR 2014-15 | (08/07/2017) |
| v. AQAR 2013-14 | (08/07/2017) |
| vi. AQAR 2012-13 | (08/07/2017) |
| vii. AQAR 2011-12 | (08/07/2017) |

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☒

Affiliated College Yes ☐ No ☒

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☒ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.11 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☒ Health Science ☐ Management ☐

Others (Specify)

NA

1.12 Name of the Affiliating University (*for the Colleges*)

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

Department of
Biotechnology

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

7

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

3

2.4 No. of Management representatives

1

2.5 No. of Alumni

3

2.6 No. of any other stakeholder and
community representatives

0

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held No

2.11 No. of meetings with various stakeholders: . Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

IQAC has analysed the feedback from the stakeholders and submitted the same to the university and ATR of the same including the ATR of NAAC is also received.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
The meeting IQAC and its sub committees 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 3 rd and 4 th year of B.Tech

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☐ Syndicate ☐ Any other body

Provide the details of the action taken

On the basis of recommendations, the following actions were recommended
 1. To introduce CBCS and MOOC from semester 5th of B.Tech, which was placed in the Academic Council meeting held on and same was approved by Governing Council

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	8	0	8	0
PG	5	0	5	0
UG	6	0	6	0
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	19	0	19	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	19
Trimester	0
Annual	0

1.3 Feedback from stakeholders* Alumni ☒ Parents ☒ Employers ☐ Students ☒
(On all aspects)

Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

As per AICTE guidelines revised 160 credits for B Tech course curriculum was designed and approved by Academic Council and Board of Studies and uploaded on website. New case-studies, video lectures have been included from time to time in existing curricula of UG and PG classes• The University provides complete autonomy to the departments/faculties to revise or update existing curricula to incorporate latest knowledge development. On an average regular curricula revision and up gradation takes place.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
104	77	22	12	

2.2 No. of permanent faculty with Ph.D.

84

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
10								10	

2.4 No. of Guest and Visiting faculty and Temporary faculty

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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	28	4	
Presented papers	68	18	
Resource Persons	3	25	40

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Short course projects, assignments and presentations are the part of courses taught to the students, which may be core or elective. Most of the lectures and tutorials are interactive in nature . Mid semester and final project viva are conducted for project monitoring. Research paper analysis is also conducted for the development of R&D activities. MOOC courses were introduced for providing benefits to students External experts were called for final evaluations of UG and PG project works

2.7 Total No. of actual teaching days during this academic year

183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Self Check by Students

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

56

99

16

2.10 Average percentage of attendance of students

80

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme		Total no. of students appeared (Appeared/Pass)	Division				
			Distinction %	I %	II %	III %	Pass %
B. Tech	BI	8/8					100
B. Tech	BT	40/43					93.02
B. Tech	CE	69/89					77.52
B. Tech	CSE	214/219					97.71
B. Tech	ECE	87/97					89.69
B. Tech	IT	25/26					96.15
M. Tech	BT	4/4					100
M. Tech	CSE	4/4					100
M. Tech	CE	9/9					100
M. Tech	EM	7/7					100
M. Tech	SE	6/6					100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1. IQAC takes a regular feedback from all stakeholders in a structured way on all the aspects of teaching and learning
2. The feedbacks are evaluated timely and the recommendations are implemented.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	7
UGC – Faculty Improvement Programme	12
HRD programmes	10
Orientation programmes	75
Faculty exchange programme	0
Staff training conducted by the university	16
Staff training conducted by other institutions	55
Summer / Winter schools, Workshops, etc.	6
Others	2

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	72		1	
Technical Staff	41		1	

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The faculty is encouraged and provided financial assistance to present their research work in national and international conferences.

In addition to this the university strongly promotes the participation of faculty in workshops, symposia to update their research

Faculty is encouraged to publish their work in international journals of repute

Partial financial support to PhD students working on projects.

Providing financial support to research projects in case of shortage of funds

The faculty is also provided duty leave for research visits

The faculty is also provided with duty leave for academic and R&D activities at national and international level

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	27	1	21
Outlay in Rs. Lakhs	21.4	221.18		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	164		
Non-Peer Review Journals			
e-Journals			
Conference proceedings	86		

3.5 Details on Impact factor of publications:

Range Average Highest h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2018-19	DST,DBT, DRDO, HIMCOSTE	221.18	62.86
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	3	1			
	Sponsoring agencies	IEEE, DST, DRDO, JUIT	, JUIT			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	03
	Granted	02
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
18	12	6				

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.22 No. of students participated in NCC events:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.23 No. of Awards won in NSS:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.24 No. of Awards won in NCC:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="27"/>	College forum	<input type="text"/>
NCC	<input type="text"/>	NSS	<input type="text"/>
		Any other	<input type="text" value="17"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Inviting schools students to the university from different areas of HP for the interactions with faculties, students and PhD scholars to appraise them about future avenues and research activities.
- Educational visits and workshops organised for students of different schools and colleges in JUIT
- Exposure visit for farmers was organised under DST-SYST project
- University has adopted 5 villages in the vicinity of JUIT campus namely Chausha ,Wakna,Richana,Domehar ,Mehar and Bisa under MHRD Unnat Bharat Abhiyan
- University has contributed in Swatch Bharat Abiyaan in university and adjoining villages.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	25	0	JUIT	25
Class rooms	15	0	JUIT	15
Laboratories	63	2	JUIT	65
Seminar Halls	3	0	JUIT	3
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		5	JUIT	
Value of the equipment purchased during the year (Rs. in Lakhs)	2424.29	40.74	JUIT	2465.04
Others				

4.2 Computerization of administration and library

Library services are fully computerized with –Library Management Software. The procurement of documents, issue return of documents, technical processing all are being done with the help of software.
The Whole administrative work is done by campus connect software

4.3 Library services:

Library Services	Existing		Newly Added		Total	
	No.	Value	No	Value	No.	Value
Text Books	30400*	49073290	2321	13,45,315	32721	50616692
Reference Books	8271*		40	198087	8311	
E-Book	***372+ 41 lakh				***372+ 41 lakh	
Journals*	108	1668256	113	1879209	113	1879209
e-Journals**	10797	2992224	6938	3467928	6938	3467928
Digital Database	10		11		11	
CD & Video						
Other Z(Specify)	3135		47		3182	

*Journals, e-Journals, Database are accessible on year subscription based model, hence detail is not cumulated in total

** 6936 e-Journals + 8359 Conf. proceedings and symposia etc.

***World eBook Library

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1129	759	1GBPS (BSNL) 27 MBPS (Railtel)	66	59	34	110	18
Added		0	13 MBPS (Railtel)	0	0	0	0	0
Total	1129	759	1GBPS (BSNL) 40 MBPS (Railtel)	66	59	34	110	18

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

All the staff and faculty members are provided with an individual computer with round the clock internet and intranet access. The workshops are organised from time to time for training of faculty, staff and students on different themes like vlab, cybercrime etc.

4.6 Amount spent on maintenance in lakhs :

i) ICT	13.03
ii) Campus Infrastructure and facilities	42.96
iii) Equipments	
iv) Others	9.47
Total :	65.46

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC has invoked several suggestions to enhance student support services like, scholarships, grievance cell, anti-ragging, women's cell, health programmes, facility of canteen, transport, hostel, sports, library, and timely disbursing the fellowship *etc.*
- IQAC along with management and faculty conducts orientation programmes for newly enrolled students in all the B.Tech branches.
- IQAC encourages departments to organized workshops and events for skill development of students.
- IQAC has encourages faculties to nurture research outlook among students.

5.2 Efforts made by the institution for tracking the progression

- To check the student's regular progression seminars, presentations, assignments, class tests and remedial tutorials are taken.
 - 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

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1828	37	155	1910

(b) No. of students outside the state

1217

(c) No. of international students

36

No	%
1391	72.83

Men

No	%
519	27.17

Women

Last Year (UG)						This Year (UG)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1776	45	7			1828	365	16	2			383

Demand ratio UG: 15:1, P.G: 1.5:1

Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Jaypee University provides in house training in Communication skills and Personality Development, Aptitude Test Training on AMCAT pattern, Group Discussions and Personal Interview sessions .The orientation Program and webinars are conducted for the higher studies and competitions. Department also provides mentorship for the preparation of GATE,NET,GRE, IELTS, TOFEL etc. Mock tests are also conducted during coaching for evaluation of the students. JUIT Facilitates the professional organisations to conduct coaching for competitive exams like CAT,GATE by providing the infrastructure free of cost Departmental faculties also provide coaching and mock tests for GATE and NET

No. of students beneficiaries

2000

5.5 No. of students qualified in these examinations

NET	03	SET/SLET	00	GATE	85	CAT	50
IAS/IPS etc		State PSC		UPSC		Others	50

5.6 Details of student counselling and career guidance

The Department provides career counselling to the students by the in-house faculties and by visiting experts in order to groom the students personality and persona to face the challenges of the commercial world. A counsellor regularly visit the campus to address any personal problems along with deputed faculty from the department to mentor and counsel the students for their academic and personal growth. . The Students are provided a mentor for his growth from the day he enters the university. Record keeping was carried out by departmental coordinators . Training and placement workshop conducted by the department –CV writing, Mock interviews and one to one counselling etc. LORs are provided and online filled by faculties to facilitate PG admissions at national and international level.

No. of students benefitted

1800

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
81	380	281	15

5.8 Details of gender sensitization programmes

There is no discrimination on the basis of gender in the university which is well advertised. The equal opportunity is given to students at all fronts of activities and the same is also applicable to faculty and staff. In case of any controversy, the university depute senior male and female faculty & staff members to look into the matter and solve it. JUIT has a gender sensitization committee as per MHRD guidelines

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	101	261.4 Lakhs
Financial support from government	8	21.11 Lakhs
Financial support from other sources	0	0
Number of students who received International/ National recognitions	0	0

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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

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

6.2 Does the Institution has a management Information System

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The university has academic council and board of studies to monitor the academic curriculum of every department. Students groups have been prepared from each batch for taking feedback

6.3.2 Teaching and Learning

The students are assigned projects/presentations on the topics discussed in the class by the teachers. Most of the lectures and tutorials are interactive in nature. Research paper analysis has also included in some core and elective courses to improve research acumen for the conceptualizing of B.Tech projects. Mid semester and final project viva are conducted for project monitoring Mid semester and final project viva and presentations are conducted for project monitoring at departmental level along with submission of reports and thesis which is official certified for plagiarism check from the library.

6.3.3 Examination and Evaluation

There are three examinations T-1,T-2 and T-3 for 15,25 and 35 marks respectively for the theory classes. 25 marks are allotted to Internal assessment which can include attendance, quizzes and assignments. The students in the laboratory is graded on day to day basis for 60 marks and two exams are conducted during the semester for 20 marks each.

6.3.4 Research and Development

The university counted research publications only in Scopus and SCI indexed Journals for the accomplishment of PhD degree and for the API score of the faculty, whereas UGC approved journals and other publications are also contributing simultaneously.

Faculties received state and national level project grants for developing more advance R&D activities. JRF/SRF/RA appointed through projects and further provided chance to pursue PhD. . Scholars participated in workshops to enrich their technical skill. Faculty provided consultancy to industry regarding R&D aspects and work towards opening industrial avenues for students. TIEDC Cell is established by government of Himachal Pradesh and university students will be provided fellowship for their start-up projects in near future.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Each faculty member is provided with a computer with internet connectivity his/her office cabin. The computers are installed with the required softwares and IT tools for their use in teaching and research. Online resources of Library are accessible and subscribed.

6.3.6 Human Resource Management

We have Registrar to take care of nonteaching staff for their welfare and career progression. He has additional responsibility as a Student Welfare Officer and to look after all the matters associated with this concern. The director/ Dean (A&R) takes care of the faculty and ensuring the academic/ research progress. The VC, to look after all issues.

6.3.7 Faculty and Staff recruitment

The emphasis has been given while selecting faculty on academic excellence, Degrees of specializations received from IITs,/Renowned Institutes of the country or overseas ,research publications and projects granted from funding agencies. For the staff recruitment, technical experience and academic eligibility are the prerequisite.

JUIT recruit faculty and staff regularly by advertising vacant positions in national ..

6.3.8 Industry Interaction / Collaboration

Mock Interviews and pre-placement interaction with the industry professionals.

Industrial visit and training after sixth semester during summer vacation.

Sponsorship of technical projects for research and development.

Consultancy services from the industry professionals.

MoUs and collaboration with the industries like CSIR, CAIR, University of Florida etc

6.3.9 Admission of Students

80% seats through All India JEE rank is required for the admission in undergraduate courses and 20% seats directly through 10+2 merit basis. In Biotechnology and Bioinformatics 50% seats directly through 10+2 merit basis with Biology or Biotechnology and Physics as compulsory subjects.

6.4 Welfare schemes for

Teaching	Medical Allowance , LTC, Accommodation, Gratuity, EPF,
Non teaching	Medical services at University etc.
Students	Medical facilities including free medicine and hospital care. Insurance etc

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes ☒ Y No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	HP Regulatory Commission		
Administrative	YES	HP Regulatory Commission		

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes ☒ y No ☐

For PG Programmes Yes ☒ y No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The examination structure is transparent and at the start of semester, students are informed about the schedule of examinations .The students are shown their answer scripts after every examinations, They are provided with the model answers including marking scheme also. The students are also informed about the evaluation system for internal assessment
The question paper moderation is also carried out at the departmental level.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

--NA--

6.11 Activities and support from the Alumni Association

Collaboration with Alumni Association and inputs from JUIT Alumni leads to visit by many companies for recruitment every year.

6.12 Activities and support from the Parent – Teacher Association

Though there is no formal Parent-Teacher Association; however, parents are regularly updated about the performance of their wards and they can access the information from the web kiosk.

6.13 Development programmes for support staff

Continuing education programmes for support staff was conducted in May-June 2017

6.14 Initiatives taken by the institution to make the campus eco-friendly

No land filling of solid waste and disposal of household and laundry effluent through a state of the art Sewage Treatment Plant (STP). The treated water is used for gardening since the inception of the University. MSW and mess waste is sent outside the campus for treatment and disposal. Two biogas plants are installed at campus for demonstration of biogas production from biodegradable waste to sensitize the residents and students towards need of renewable energy. Composting machines (02 in number) are installed at campus. Vermicompost beds are also installed at Campus. Campus is a green campus with plenty of trees.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The PhD scholars are advised for publications in SCI/Scopus indexed referred journals and for writing project proposals. Students are motivated for preparing national competitive exams and also for national or international fellowships for PG courses. The faculty and scholars are motivated for the protection of their intellectual property in any form of IPR. Government sponsored and funded IPR cell has been established in the university for intellectual property rights (IPR) and is supported by patent cell of the university. Regular student Counselling is carried out at faculty and administration level. B.Tech, M.Tech and PhD students are supported to present their research work in conferences and also motivated them to participate in workshops.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Regular monitoring is done for the academic performance of the students and teaching faculty. Outcome based work plan was designed for the accomplishment of all tasks. Students mentoring is done and all details were recorded.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

1. Flexible Credit base System
2. Development of Infrastructure.

7.4 Contribution to environmental awareness / protection

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 . For safety CCTV cameras are installed all over the campus including residential areas.

Regular cleaning drives are organised by university under swatch Bharat Abhiyaan and There is proper waste management in University. E-waste and hazardous waste are disposed off by authorised agencies. Celebration of World Environment Day and Sawatch Bharart Abhiyan are always contribute in generating awareness and tackling issues.

Regular fire safety and earthquake mock drill is being carried out in the university. A fire safety officer is regularly monitoring the safety of system installed in the university campus.

7.5 Whether environmental audit was conducted? Yes ☐ No ☒


7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

The students are provided with very friendly environment and monitored for academic and personal well being for their overall development. Many sports and recreational events are organised and provide platform for interactions at all levels. Expert lectures and international conferences are organised for exposure and over all growth. They are encouraged for other social activities. The Students organise regular Social and technical festivals every year like Lefestus, Murios, etc, IEEE , ACM, CEC, Rotary and Lions club Student Branches are active in university from many years.

8. Plans of institution for next year

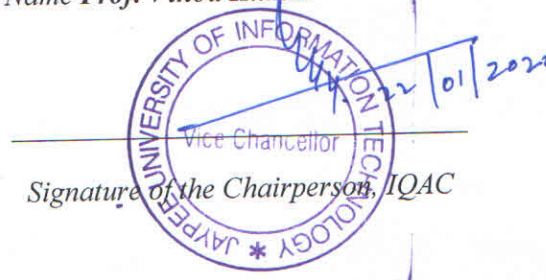
1. Increase in the strength of students and faculties.
2. Increase the research labs infrastructure.
3. Encouragement for industrial interactions for projects and research.
4. Competing for more research project grants.
5. Generation of patents and creating Intellectual Properties rights for software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

Name **Prof. Sunil Kumar Khah**



Signature of the Coordinator, IQAC

Name **Prof. Vinod Kumar**



Signature of the Chairperson, IQAC

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

REVISED ACADEMIC CALENDAR 2018 – 19
(w.e.f October, 04, 2018)

SER. NO.	EVENT	ODD SEMESTER (Jul-Dec 2018)	EVEN SEMESTER (Jan-Jun 2019)
1.	Registration		
	UG 1 st Year	16 Jul 2018 (Fresh Batch)	08 Jan 2019
	UG 2 nd Year, & M. Tech 1 st Year	18 Jul 2018	09 Jan 2019
	UG 3 rd Year, & M. Tech 2 nd Year.	19 Jul 2018	10 Jan 2019
	UG 4th Year, 5 th Year (Integrate B.Tech-M.Tech-2014 Batch), & All Ph.D	20 Jul 2018	11 Jan 2019
	Late Registration Up to / Deactivation of Un-Registered Students	27 Jul 2018 / 28 Jul 2018	18 Jan 2019 / 19 Jan 2019
	Late Registration - - After due approval and with late fee. No Concession on attendance. Late fee and late registration is not applicable for 1st year (New entrants) in Odd Semester only (1 st Sem).		
2.	Orientation / Commencement of Classes		
	First year orientation (Fresh Batch)	17 Jul 2018	--
	Commencement of Classes for all batches, except UG 1 st Year	Next day of Registration	Next day of Registration
	Induction Program for UG 1st Year (new batch)	18 Jul – 01 Aug 2018	
3.	Ph.D. DPMC Meeting (for new scholars)	Latest by 10 days of enrollment (not later than 31 Jul 2018 (for 1st Year)	Latest By 10 days of enrollment
4.	Diksha	18 Aug 2018	
5.	Summer Industrial Training. Report Submission to Registry by BI/BT, CE, CSE/IT & ECE Departments	Latest by 27 Aug 2018	
6.	Attendance Review before T1 exam	01 Sep 2018	14 Feb 2019
7.	T1 Examination & Results		
	Examination Schedule	04 - 10 Sep 2018	18 - 23 Feb 2019
	Showing of Evaluated Answer Sheets to students (Latest by)	19 Sep 2018	02 Mar 2019
	Results Uploading on System (Latest by)	21 Sep 2018	06 Mar 2019
	Mid-Semester Viva/Test for Labs (incl. M. Tech) To be decided under Departmental Heads between T1 & T2.	Result to be uploaded before T2, latest by 20 Oct 2018	Result to be uploaded before T2, latest by 30 Mar 2019
	Mid-Term Viva for Major Projects (incl. M. Tech 3rd Sem. only) To be decided under Departmental Heads between T1 & T2.	Result to be uploaded before T2, latest by 20 Oct 2018	Result to be uploaded before T2, latest by 30 Mar 2019
8.	Attendance Review before T2 exam	20 Oct 2018	30 March 2019
9.	Semester Break – Diwali (Odd) (Incl. Sundays) @	05 - 10 Nov 2018	
10.	T2 Examination & Results		
	Examination Schedule	22 - 27 Oct 2018	01 - 06 Apr 2019
	Showing of Evaluated Answer Sheets to students (Latest by)	03 Nov 2018	13 Apr 2019
	Parakram 2018 (Sports meet)	23 - 24 Nov 2018	
	Results Uploading on System (Latest by)	13 Nov 2018	16 Apr 2019
	End-Semester Seminar / Viva for Labs - to be decided under Departmental Heads.	Result to be uploaded before T3 Exam, latest by 30 Nov 2018	Result to be uploaded before T3 Exam, latest by 10 May 2019
11.	Le-Fiestus 2018		27 - 28 Apr 2019
12.	Make-up Examination (All)	17 - 22 Nov 2018	22 - 26 Apr 2019
13.	Project / Dissertation activity		
	Submission of Project (B.Tech & M.Tech)	26 Nov 2018	10 May 2019

14.	Students' Feed Back Collection by	22 Nov 2018	03 May 2019
15.	Classes to be over	01 Dec 2018	11 May 2019
16.	Attendance Review Before T-3 Exam	30 Nov 2018	10 May 2019
17.	Makeup day for disrupted classes	03 Dec 2018	13 May 2019
18.	Showing of TA marks individually to students	01-03 Dec 2018	11/13 May 2019
T-3 Examination			
19.	Examination Schedule	04 - 11 Dec 2018	14 - 21 May 2019
	Showing of Evaluated Answer Sheets to students	Latest by 15 Dec 2018	25 May 2019
Project / Viva			
20.	Final Project Viva (B.Tech & M. Tech)	12 - 14 Dec 2018	23 - 25 May 2019
	End semester Ph.D seminars	18 - 19 Dec 2018	27 - 28 May 2019
Exam Results			
21.	Dept. Board of Examiners Meeting	17 Dec 2018 (AN)	27 May 2019 (AN)
	Showing of Provisional Grades individually to students	18 Dec 2018 (AN)	28 May 2019 (AN)
	Meeting of University Result Committee (for all courses)	19 Dec 2018 (FN)	30 May 2019 (FN)
	Freezing the grades/Submission of Final Grades to Registrar	20 Dec 2018 (AN)	31 May 2019 (AN)
	Declaration of Results by Registrar	21 Dec 2018	01 Jun 2019
Vacations & Summer Internship			
22.	Vacation - Except for Final year students	12 Dec 2018 - 07 Jan 2019*	22 May 2019 - 16 Jul 2019
	Vacation for Final year students	15 Dec 2018 - 10 Jan 2019*	26 May 2019 - 17 Jul 2019
	Summer Internship (Ind. Trg.) Period	- -	22 May 2019 - 15 Jul 2019 (for 6 or more weeks)
Supplementary Examination			
23.	Registration for Supl Exam	23 Dec 2018 - 01 Jan 2019	11 Jun - 08 July 2019
	Supplementary Exam Schedule	02-04 Jan 2019	09 -12 Jul 2019
	Showing of Evaluated Answer Sheets to students (latest by)	05 Jan 2019	13 Jul 2019
	Submission of Suppl. Exam Grades by Faculty and Freezing	07 Jan 2019 (FN)	15 Jul 2019 (FN)
	University meeting for finalization Suppl. Results	07 Jan 2018 (AN)	15 Jul 2019 (AN)
	Decl. of Results of Suppl. Exam	07 Jan 2018 (AN)	16 Jul 2019 (FN)
Condensed Semester – 2018/Summer Semester – 2019			
24.	Registration for Condensed Semester / Summer Sem. for backlog students all years	01 – 10 Dec 2018	03 Jun - 05 Jun 2019
	Condensed Semester / Summer Semester for Dual- Degree B.Tech-M.Tech (Addl Sem) and backlog students all years (Details separately)	15 Dec 2018 – 31 Jan 2019	06 Jun - 12 Jul 2019
25.	Finalization of progression of 1sr yr students into 2nd yr. and their registration in relevant Sem.	- -	After declaration of Supplementary Exam results
26.	Next Semester Registration begins (Academics Session 2018-19)	- -	17 Jul 2019 onwards

* The vacation ending date shall be one day prior to the date of registration for respective batches
 @ No mid-semester breaks for Teaching Assistants, JRF's, & PhD Scholars.

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05/10

REGISTRAR & DEAN STUDENTS' WELFARE
 Jaypee University Of Information Technology
 Waknaghat, Distt. Solan (HP) 173234 India

ACADEMIC YEAR 2018-19

LIST OF HOLIDAYS

ODD SEMESTER 2018		EVEN SEMESTER 2018	
1. Independence Day	15 Aug 18 (Wed)	1. Republic Day	26 Jan 19 (Sat)
2. Raksha Bandhan	25 Aug 18 (Sat)	2. Maha Shivratri	04 Mar 19 (Mon)
3. Janmashtmi	03 Sep 18 (Mon)	3. Holi	21 Mar 19 (Thu)
4. Gandhi Jayanti	02 Oct 18 (Tue)	4. Ram Navmi	13 Apr 19 (Sat)
5. Dushehra	19 Oct 18 (Fri)	5. Id-ul-Fitr *	05 Jun 19 (Wed)
6. Diwali	07 Nov 18 (Wed)	*Subject to visibility of Moon	
7. Govardhan Puja	08 Nov 18 (Thu)		
8. Guru Nanak Jayanti	23 Nov 18 (Fri)		
9. Christmas	25 Dec 18 (Tue)		

Student Vacation (Odd Sem)

	From	To
Mid-semester break (Diwali)	05 Nov 2018	10 Nov 2018
Vacation (except Final year students)	12 Dec 2018	07 Jan 2019*
Vacation for Final year students	15 Dec 2018	10 Jan 2019*

Student Vacation (Even Sem)

Summer Vacation (except Final year students)	22 May 2019	16 Jul 2019*
Summer Vacation (Final Year Students)	26 May 2019	17 Jul 2019*

* The vacation ending date shall be one day prior to the date of registration for respective batches

Faculty Vacation

Faculty Vacations(max 60 days)	From	To
Faculty Vacations (Diwali)	05 Nov 2018	10 Nov 2018
Faculty Vacations (Winter)	22 Dec 2018	07 Jan 2019*
Faculty Vacations (Summer)	03 June 2019	09 Jul 2019*

Danish
05/10

REGISTRAR & DEAN STUDENTS' WELFARE
Jaypee University Of Information Technology
Waknaghat, Distt. Solan (HP) 173234 India

SR.NO.	SUBJECTCODE	SUBJECT	FACULTY NAME	REGCOUNT	OAR
1	19B17CI171	PROGRAMMING FOR PROBLEM SOLVING LAB-II	AMAN SHARMA	16	8.83
2	18B11CI313	DATABASE MANAGEMENT SYSTEMS	AMIT KUMAR	49	8.56
3	12B1WCI733	ADVANCED JAVA	AMOL VASUDEVA	16	8.78
4	12B1WCI734	C# AND VB.NET	ARVIND KUMAR	43	9.3
5	18B1WCI534	JAVA PROGRAMMING	EKTA GANDOTRA	51	7.78
6	10M11CI111	ADVANCED DATA STRUCTURES	GEETANJALI	36	8.42
7	10M11CI113	ADVANCED DATABASE SYSTEMS	HARI SINGH	17	9.15
8	18B11CI311	OBJECT ORIENTED SYSTEMS AND PROGRAMMING	HEMRAJ SAINI	68	8.06
9	18B17CI372	IT WORKSHOP LAB	JAGPREET	52	9.07
10	18B11CI313	DATABASE MANAGEMENT SYSTEMS	MONIKA BHARTI	50	8.61
11	13M1WCI331	MACHINE LEARNING	PARDEEP KUMAR	5	7.2
12	18B17CI372	IT WORKSHOP LAB	PRADEEP KUMAR GUPTA	21	7.38
13	15B1WCI731	MOBILE COMPUTING	PRADEEP KUMAR SINGH	41	9.06
14	18B1WCI731	PYTHON PROGRAMMING	PRATEEK	41	8.2
15	19B11CI111	PROGRAMMING FOR PROBLEM SOLVING-II	RAJINDER SANDHU	82	8.62
16	10B1WCI733	GRAPH ALGORITHMS AND APPLICATIONS	RAVINDARA BHATT	29	8.68
17	10B11EC514	COMMUNICATION SYSTEMS	ALOK KUMAR	57	7.2
18	18B17EC371	AUTOMATIC CONTROL SYSTEMS LAB	EMJEE PUTHOORAN	21	9.32
19	18B1WEC731	FPGA BASED INSTRUMENTATION SYSTEM DESIGN	HARSH SOHAL	17	8.33
20	19B17CI171	PROGRAMMING FOR PROBLEM SOLVING LAB-II	MUNISH SOOD	46	7.06
21	18B1WEC533	APPLIED ARTIFICIAL INTELLEGEANCE	NAFIS UDDIN KHAN	19	7.45
22	12B1WEC732	DIGITAL SYSTEM DESIGN	NEERU SHARMA	14	8.95
23	10B11EC514	COMMUNICATION SYSTEMS	PARDEEP GARG	52	8.07
24	18B1WEC531	CONTROL SYSTEMS	RAJIV KUMAR	12	7.91
25	18B1WCI571	INFORMATION THEORY & CODING LAB	SHWETA PANDIT	5	8.4
26	10B11EC512	DIGITAL SIGNAL PROCESSING	SUNIL DATT SHARMA	58	7.14
27	18B1WEC733	MACHINE LEARNING AND DATA ANALYTICS-1	VIKAS BAGHEL	11	8.28

28	10B11CE511	HIGHWAY ENGINEERING	AAKASH GUPTA	59	8.29
29	10B13CE744	ADVANCED CONCRETE TECHNOLOGY	ABHILASH SHUKLA	30	8.9
30	18B11CE313	BUILDING MATERIALS & CONSTRUCTION	AKASH BHARDWAJ	36	8.9
31	18B17GE173	ENGINEERING GRAPHICS	AMARDEEP	39	7.77
32	18B17CE372	SURVEYING LAB	ASHISH KUMAR	40	8.72
33	18B17CE373	CONCRETE TECHNOLOGY LAB	CHANDRA PAL GAUTAM	44	9.03
34	10B13CE735	DAM AND RESERVOIR DESIGN	NIRAJ SINGH PARIHAR	28	8.82
35	10B11CE514	WATER SUPPLY ENGINEERING	RAJIV GANGULY	55	8.54
36	14M31CE114	EIA AND RISK MANAGEMENT	RISHI RANA	25	9.21
37	10B13CE736	UNDERGROUND TECHNOLOGY	SAURABH RAWAT	25	9.54
38	13M11BT114	HIGH THROUGHPUT TECHNOLOGIES	ABHISHEK CHAUDHARY	2	8.75
39	18B17BT371	GENETICS LAB	ASHOK KUMAR	32	7.27
40	14B1WBT731	BIOENERGY AND BIOFUELS	GARLAPATI VIJAY KUMAR	5	8.1
41	10B17BT573	GENETIC ENGINEERING LAB	JATA SHANKAR	12	8.38
42	18B11BI313	BIOLOGICAL COMPUTATION	NARENDRA KUMAR	4	8.56
43	18B11CE311	CHEMISTRY	POONAM SHARMA	39	8.31
44	14B1WBI732	COMPUTATIONAL SYSTEMS BIOLOGY	TIRATHA RAJ SINGH	14	8.91
45	18B17BI371	CELL AND MOLECULAR BIOLOGY LAB	UDAYABANU M	6	9
46	10B11PD511	SOCIAL AND LEGAL ISSUES	NEENA JINDAL	122	8.86
47	18B11PH111	ENGINEERING PHYSICS-I	DHEERAJ SHARMA	102	7.37
48	18B11PH111	ENGINEERING PHYSICS-I	PANKAJ SHARMA	24	8.83
49	18B17PH171	ENGINEERING PHYSICS LAB-I	RAGINI RAJ SINGH	95	8.49
50	18B17PH172	BASIC ENGINEERING PHYSICS LAB-I	SURAJIT KUMAR HAZRA	24	8.07
51	18B11PH111	ENGINEERING PHYSICS-I	VINEET SHARMA	75	8.09
52	18B11MA111	ENGINEERING MATHEMATICS-I	MANDEEP SINGH	9	8.83
53	10B1WMA731	OPTIMIZATION TECHNIQUES	NEEL KANTH	19	8.69
54	18B11MA111	ENGINEERING MATHEMATICS-I	PRADEEP KUMAR PANDEY	122	7.22
55	18B11MA313	PROBABILITY AND STATISTICS	R.S. RAJA DURAI	34	8.89