

Annual Quality Assurance Report (AQAR) in Accredited Institutions



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

AQAR for the year

2011-12

I. Details of the Institution

1.1 Name of the Institution

Jaypee University of Information Technology

1.2 Address Line 1

Waknaghat

Address Line 2

Tehsil- 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. Ravi Prakash

Tel. No. with STD Code:

01792-239201

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID

OR

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)*

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.63	2011	2016
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

1.8 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 _____ NA _____ (DD/MM/YYYY)
- ii. AQAR _____ NA _____ (DD/MM/YYYY)
- iii. AQAR _____ NA _____ (DD/MM/YYYY)
- iv. AQAR _____ NA _____ (DD/MM/YYYY)

1.9 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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

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

--NA--

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

Autonomy by State/Central Govt. / University

UGC-2f

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

Centres of Excellence (DBT)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

--NA--

2.2 No. of Administrative/Technical staff

--NA--

2.3 No. of students

--NA--

2.4 No. of Management representatives

--NA--

2.5 No. of Alumni

--NA--

2.6 No. of any other stakeholder and community representatives

--NA--

2.7 No. of Employers/ Industrialists

--NA--

2.8 No. of other External Experts

--NA--

2.9 Total No. of members

--NA--

2.10 No. of IQAC meetings held

--NA--

2.11 No. of meetings with various stakeholders: No. 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: --NA--

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

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
--NA--	--NA--

* Academic Calendar of the year as Annexure-i.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The Annual Quality Assurance Report (AQAR) of the IQAC

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	09	00	09	00
PG	06	02	08	00
UG	07	00	07	00
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	22	02	24	00
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	24
Trimester	--
Annual	--

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

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

*Feedback analysis sample in the Annexure-ii

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

- Syllabi of different courses offered by the department are updated on regular basis.
- New case-studies, video lectures have been included.
- 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
168	124	10	14	20

2.2 No. of permanent faculty with Ph.D.

73

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
16	00	00	00	00	00	00	00	16	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

00

00

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	19	23	0
Presented papers	29	16	0
Resource Persons	06	06	3

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

Depending on the type of courses the students are assigned short projects/seminars/preparation of proposals for R & D, which are discussed in the class by the teacher to enhance the learning of the students. Most of lectures and tutorials are interactive in nature.

2.7 Total No. of actual teaching days

during this academic year

195

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

Open book examinations

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

32

39

27

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	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech Civil	34	--	--	--	--	88
M.Tech Civil (CM)	02	--	--	--	--	100
B.Tech Biotechnology	27	--	--	--	--	92.59
B.Tech Bioinformatics	16	--	--	--	--	100
M.Tech Biotechnology	04	--	--	--	--	100
B.Tech CSE	147	--	--	--	--	93.87
B.Tech IT	52	--	--	--	--	94.23
M.Tech CSE	27	--	--	--	--	100
B.Tech ECE	143	--	--	--	--	95.08
M.Tech ECE	18	--	--	--	--	100

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

--NA--

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	11
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	11
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	44
Others	01

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	82	*	00	00
Technical Staff	33	*	02	00

** There is no vacancy; however additional persons are employed as per requirements*

Criterion – III

3. Research, Consultancy and Extension

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

--NA--

3.2 Details regarding major projects (*not exhaustive*)

	Completed	Ongoing	Sanctioned	Submitted
Number	05	02	00	03
Outlay in Rs. Lakhs	59.600	36.616	00	--

3.3 Details regarding minor projects (*not exhaustive*)

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	00	00
Outlay in Rs. Lakhs	00	00	00	00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	112	09	0
Non-Peer Review Journals	01	00	0
e-Journals	00	00	0
Conference proceedings	72	12	0

3.5 Details on Impact factor of publications:

Range Average 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 Rs. in Lakhs	Received Rs.
Major projects	2011-2014 2010-2013	ISRO, Dir ER IPR, MHFW, TRIFED, FICCI- DST	36.616	11165191/- (<i>as per FY</i>)
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (<i>other than compulsory by the University</i>)				
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 –NA-- 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	01	02	-	-	-
Sponsoring agencies	JUIT, IEEE	JUIT, DST, CSIR, SSD, MRSI, CEC	-	-	-

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 (*as per FY*):

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	04
	Granted	01
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

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
03	01	02	-	-	-	-

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

43

94

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

09

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

JRF 122 SRF 0 Project Fellows 25 Any other 0

3.21 No. of students Participated in NSS events:

University level 00 State level 00
National level 00 International level 00

3.22 No. of students participated in NCC events:

University level 00 State level 00
National level 00 International level 00

3.23 No. of Awards won in NSS:

University level 00 State level 00
National level 00 International level 00

3.24 No. of Awards won in NCC:

University level 00 State level 00
National level 00 International level 00

3.25 No. of Extension activities organized

University forum 08 College forum --
NCC -- NSS -- Any other --

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

- Blood Donation camps are being organized by the students and the staff of the University regularly, donating blood to IGMC Shimla.
- The University is also actively engaged in different social outreach programs such as providing water and sanitation to nearby villages and also maintains two temples on the campus for villagers.
- Popularization of waste management practices and recycling of food and agri-waste material in nearby villages.
- Volunteer teaching in a neighbouring high school at Domahar on each Saturday.
- Inviting school children of 10+1 and 10+2 classes from Shimla and Solan for lab visits and interaction with faculty and PhD scholars so as to apprise them about our research activities.

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 acres	00	JUIT	25 acres
Class rooms	08	00	JUIT	08
Laboratories (<i>Students' lab.</i>)	36	02	JUIT, DBT	38
Seminar Halls	03	00	JUIT	03
No. of important equipments (and software) purchased (\geq 1-0 lakh) during the current year.	--	13	only JUIT	--
Value of the equipment (and software) purchased during the year (Rs. in Lakhs)	--	52.56351	only JUIT	--
Others	--	--	--	--

4.2 Computerization of administration and library

Library services are fully computerised with 'LIBERTY' – Library Management Software. The procurement of documents, issue return of documents, technical processing (spine levels & Barcodes, etc.) all are being done with the help of the software.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	17222	3,55,14,276	1514	4,47,160	18736	3,91,58,039
Reference Books	10817		639	31,96,603	11456	
e-Books#	372	5,33,887			372	5,33,887
Journals*	112	34,52,358	114	27,29,056	114	27,29,056
e-Journals*\$	19730	17,66,318	19730	19,67,700	19730	19,67,700
Digital Database	9		9		9	
CD & Video	--	--	--	--	--	--
Others (specify)	2207	-	234	-	2441	-

* Subscription amount is for the given year only.

e-Books purchase under perpetual access mode.

\$ Access to complementary resources also included.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	670	495	BSNL= 1 GBPS RAILT EL= 4 MBPS	30	30	20	85	10
Added	160	105	RAILT EL= 4 MBPS	20	8	10	11	6
Total	830	600	BSNL= 1 GBPS RAILT EL= 8 MBPS	50	38	30	96	16

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

All faculty and staff members are provided with an individual computer with internet access. The workshops are organized for training of teachers and students on different themes.

4.6 Amount spent on maintenance in lakhs (*as per FY*) :

i) ICT	Rs. 11238442/-
ii) Campus Infrastructure and facilities	Rs. 8362868/-
iii) Equipments	Rs. 1146763/-
iv) Others	Rs. 1062037/-
Total :	Rs. 21810110/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

--NA--

5.2 Efforts made by the institution for tracking the progression

The committee has been formed and the rules and regulations are being framed to track the progression of the students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1758	84	122	--

(b) No. of students outside the state

1964

(c) No. of international students

17

Men	No	%	Women	No	%
	1327	67.5		637	32.5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
-	-	-	-	-	1645	-	-	-	-	-	1964

Demand ratio

Dropout %

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

Jaypee University of Information Technology provides regular in-house training on the following areas: Communication Skills and Personality Development Program, Aptitude Test Training on AMCAT pattern, Group Discussion and Personal Interview Sessions, Orientation Program for different Competitive Exams like The University organizes the special classes on the specific subject topics demanded by the students for the various competitive examinations. Department also provides mentorship to the students for the preparation of various competitive exams including NET, GATE, TOEFL, GRE etc.

No. of students beneficiaries

70

5.5 No. of students qualified in these examinations

NET	00	SET/SLET	00	GATE	21	CAT	02
IAS/IPS etc	00	State PSC	00	UPSC	00	Others	00

5.6 Details of student counselling and career guidance

The University conducts personality development program to polish and groom the students on the ground of personality, knowledge, sociability, attitude and skills so as to prepare them for the written tests, interviews and other competitive examinations. At the University level there is a Placement Cell to provide support to students in choosing their career and prepare them for the same. As part of the programs, the Faculty of HSS regularly conducts personality development sessions and career counselling. A counsellor regularly visits the campus to address the personal problems of the students. The placement cell organizes various talks/personal interviews/workshops/group discussions by arranging professional experts.

No. of students benefitted

180

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 offers/absolute offers	Number of Students Placed
25	444	502/292	NA

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.

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 (*as per FY*)

	Number of students	Amount (Rs.)
Financial support from institution	122	9304877/-
Financial support from government	25	1503908/-
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

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: _____ Nil _____

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

YES

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 in every department to monitor the academic curriculum. There is representation from students, alumni, industry and R&D organizations.

6.3.2 Teaching and Learning

The students are assigned projects/presentations on the topics discussed in the class by the teacher to enhance the learning of the students. Most of lectures and tutorials are interactive in nature. The quizzes are also held regularly.

6.3.3 Examination and Evaluation

The University has switched to a three layer examination system in 2015 from earlier two Level system. There are three examinations T-1, T-2 and T-3 for 15, 25 and 35 marks respectively. Each examination will cover the syllabus taught up to that examination. The final grade is made from the consolidated marks of all tests and the internal assessment.

6.3.4 Research and Development

The university has stressed upon publishing only in scopus and SCI indexed journals. The faculty has been advised to submit proposals which can provide benefits at grass root level and come out with an appropriate rural technology.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library has an Advisory Committee, known as Library Advisory Committee which takes care of making suggestions and advice to ensure quality in library services and facilities. Users' comments in terms of improving library services are also being taken in person or through email, suggestion box and by conducting user surveys. A good number of text/reference books, journals/magazines and online resources have been purchased.

6.3.6 Human Resource Management

We have registrar to take care of non-teaching staff for their welfare and career progression. The Dean (A&R) takes care of the faculty ensuring the academic and research progress.

6.3.7 Faculty and Staff recruitment

The emphasis has been given while selecting faculty on research publications/sponsored consultations/projects and pedigree. For staff recruitment their experience is given due consideration.

6.3.8 Industry Interaction / Collaboration

1. Pre-Placement Talks, Written Tests, Interviews and Group Discussions.
2. Workshop-Aptitude and General Ability Improvement, Personal Interview and Mock GD- by university faculty as well as paid experts.
3. Mandatory Industrial Training after 6th semester of B.Tech – to increase industry interaction and exposure.

6.3.9 Admission of Students

The university admits all UG students through All India JEE rank except for few seats in biotechnology/bioinformatics which are filled on the basis of 10+2 marks.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

Rs. 60155000/-

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	--	--	Yes	--
Administrative	--	--	Yes	--

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

For UG Programmes

Yes

No

For PG Programmes

Yes

No

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

The Answer Sheets after evaluation are shown to the students concerned along with the model solution and the marking scheme. The system of marks entry and grade generation is fully automated

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

It is being planned that continuing education programmes will be started for support staff.

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 to publish at least two papers in indexed referred journals. The faculty has been encouraged to submit research proposals for their progress.

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

Regular monitoring was done for the academic performance of the students and teaching by the faculty. The availability of the faculty in the campus in office hours is ensured by the biometric attendance.

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

1. Curricular Aspects 2. Development of Infrastructure and Learning Resources

**Details in Annexure- iii*

7.4 Contribution to environmental awareness / protection

The university regularly monitors the environment in the campus, ensures the quality of water supplied and the cleanliness in the campus.

7.5 Whether environmental audit was conducted? Yes No

(The university internally carries out the audit of the environment)

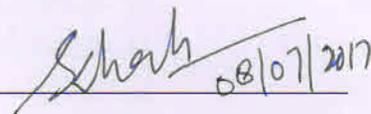
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

The students are monitored for academic and personal well-being for their overall development. Extracurricular activities are regularly held to groom the students. They are also encouraged to take part in various social activities

8. Plans of institution for next year

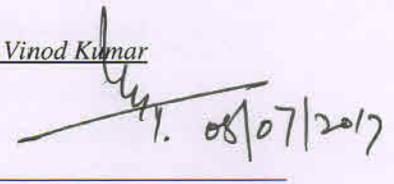
1. Increase in strength of faculty
2. Develop new research labs
3. Increase the academic covered area
4. Encourage the faculty to submit the research proposals and publish in high impact journals and also to recognize their efforts.
5. Revisit the curricula with feedback from alumni and industry.

Name: Prof. Sunil Kumar Khah


08/07/2017

Signature of the Coordinator, IQAC

Name Prof. Vinod Kumar


08/07/2017

Signature of the Chairperson, IQAC



Annexure- i

ACADEMIC CALENDAR 2011 – 12, JUIT WAKNAGHAT

Odd Semester(Jul-Dec 2011)

Even Semester(Jan-June 2012)

1. Registration starts		
B.Tech 3 rd & 5 th Semester	14 July (Thu)	05 Jan (Thu) (2 nd & 4 th Semester)
B.Tech 7 th Semester All M.Tech, Dual Degree Ph.D	15 July (Fri)	06 Jan (Fri) (6 th , 8 th Semester & All M Tech. Dual Degree, PhD)
UG 1 st Yr (Fresh Batch)	16 -17 July (Sat-Sun)	07 Jan (Sat)
2. First year orientation/welcome	18 July (Mon)	_____
3. Classes begin from	(Next Day of registration)	(Next Day of registration)
4. Late registration (with late fee Rs. 500/-) (Not for 1 st year-New entrants)	23 July (Sat)	14 Jan (Sat)
5. Summer Internship (Ind. Trg.) Reports	Latest by 6 th Aug (Sat)	_____
6. T1 Examination	1 - 5 Sep (Thu-Mon)	22 – 25 Feb (Wed – Sat)
7. To show T1 answer scripts by	12 Sep (Mon)	3 Mar (Sat)
8. Inter Jaypee Univ. Sports Meet	To be decided by JUET Guna in consultation with other two Institutes	
9. Mid-Sem Proj Presentation (ALL)	12 -17 Sep (Mon - Sat)	12 – 17 Mar (Mon – Sat)
10. Mid-semester break@	02 -10 Oct (Sun - Mon)	04 – 10 Mar (Sun – Sat)
11. T2 Examination	17 – 20 Oct (Mon – Thu)	09 -12 Apr (Mon - Thu)
12. Mid-Sem Proj. Viva. (ALL) Le Fiestus 2012	24 – 31 Oct (Mon – Mon) -----	16 – 21 Apr (Mon – Sat) 17 – 19 Apr (Thu – Sat)
13. To show T2 answer scripts by	29 Oct (Sat)	21 Apr (Sat)
14. Major Project allocation for next year by	_____	12 May (Sat)
15. Students' Feed Back Collection	By 23 rd Nov (Wed)	By 16 May (Wed)
16. Subm. of Project Report (ALL)	By 24 th Nov (Thu)	By 17 May (Thu)
17. Classes to be over	26 Nov (Sat)	19 May (Sat)
18. T3 Examination	28 Nov – 3 Dec (Mon – Sat)	21 – 26 May (Mon – Sat)

Odd Semester(Jul-Dec 2011)**Even Semester(Jan-June 2012)****19. End Semester Break**

(Not for Teaching Assistants

& PhD Scholars/Associates)

(i) Except Final year students	05 Dec 11-04 Jan 12	28 May – 12 Jul
(ii) For Final year students	11 Dec 11 – 05 Jan 12	04 Jun – 12 Jul
20. Final Project Viva. (ALL)	05 -10 Dec (Mon – Sat)	28 May -02 Jun (Mon – Sat)
21. Summer Internship (Ind. Trg.) Period	_____	28 May – 11 July
22. To show T3 answer scripts by	10 Dec (Sat)	02 Jun (Sat)
23. End semester Ph.D seminars	05 Dec – 13 Dec (Mon – Tue)	28 May (Mon) – 09 Jun (Sat)
24. Results compilation and Deptt. Board of Exam Meeting	12 Dec (Mon)	04 Jun (Mon)
25. Meeting of University result Committee	13 Dec (Tue)	05 Jun (Tue)
26. Provisional Grades Display	14 – 15 Dec (Wed - Thu)	06 - 07 Jun (Wed – Thu)
27. Submission of Final Grades (incl. projects) to Registrar	16 Dec (Fri)	08 Jun (Fri)
28. Declaration of Results by Registrar	19 Dec (Mon)	11 Jun (Mon)
30. Summer Semester for Dual- Degree M.Tech.	_____	To be announced
31. Supplementary Exam Registration (By Email registration@juit.ac.in)	26 – 31 Dec 11(Mon - Sat)	18 – 23 Jun (Mon – Sat)
32. Physical Supplementary Registration	4 January 2012 (Wed)	11 July 2012 (Wed)
33. Supplementary Exam	05 – 07 Jan 2012 (Thu- Sat)	12 -14 July (Thu - Sat)
34. Submission of Supplementary Exam Grades	By 12 Jan (Thu) 2012	by 19 July (Thu)
35. Decl. of Results of Suppl. Exam	13 Jan (Fri) 2012	20 July (Fri)
36. Next Semester Registration begins	05 Jan 2012	13 July 2012

Registration Schedule may be modified by respective Institutes as per their convenience. However, 1st Year registration (New Entrants) for the Odd Semester-2012 shall remain as specified in the Calendar

* Classes will remain suspended for the event. The dates shall be decided under arrangement respective Institutes.

@. No mid-semester breaks for Teaching Assistants, JRF's, MEMS Project staff & PhD Scholars/Associates.

ACADEMIC YEAR 2011 – 12 LIST OF HOLIDAYS

Odd Semester

1.	Independence Day	15 Aug 11
2.	Raksha Bandhan	13 Aug 11
3.	Id-ul-fitr	31 Aug 11
4.	Janmashtmi	22 Sep 11
5.	Gandhi Jayanti	02 Oct 11 Sun
6.	Dushehra	06 Oct 11
7.	Deepawali	26 Oct 11
8.	Goverdhan Pooja	27 Oct 11
9.	Guru Nanak Jayanti	10 Nov 11
10.	Christmas	25 Dec 11

Even Semester

1.	Republic Day	26 Jan 12
2.	Maha Shivratri	20 Feb 12
3.	Holi	08 Mar 12
4.	Ram Navmi	01 Apr 12 Sun

Student Vacation

Mid-semester break (Dushehra)	02 Oct (Sun)	10 Oct (Mon)	9 Days
Winter Vacation	04 Dec (Sun)	04 Jan – 2012	32 Days
Mid-semester break (Holi)	04 Mar (Sun)	11 Mar (Sun)	8 Days
Summer Vacation	27 May (Sun)	12 July 2012	47 Days

Faculty Vacation

Faculty Vacations (Dushehra)	3 Oct (Mon)	10 Oct (Mon)	8 Days + 1 Sun
Faculty Vacations (Winter)	17 Dec (Sat)	2 Jan (Mon)	17 Days
Faculty Vacations (Holi)	05 Mar (Mon)	10 Mar (Sat)	6 Days + 2 Sun
Faculty Vacations (Summer)	09 June (Sat)	7 July (Sat)	29 Days


REGISTRAR

Annexure-ii

Academic year: 2011-12

Sr.	SUBJECTCODE	SUBJECT	FACULTY NAME	REGCOUNT	OAR
1	10B11CE412	Surveying	ASHISH KUMAR	84	8.49
2	10B17CE673	Environmental engineering lab-ii	ABHILASH SHUKLA	39	8.28
3	10B11EC401	Digital electronics	NEERU SHARMA	84	8.81
4	10B17EC672	VLSI lab	PARDEEP GARG	66	8.19
5	10B11CI211	DATA STRUCTURES	YASHWANT SINGH	85	8.64
6	10B17CI471	ALGORITHMS LAB	SUMAN SAHA	42	7.55
7	11B1WBT832	IPR AND BIOETHICS	HEMANT SOOD	16	8.88
8	10B17BT673	CELL AND DEVELOPMENTAL BIOLOGY LAB	JITENDRAA VASHISTT	10	7.55
9	12B1WCE832	RIVER ENGINEERING	ASHISH KUMAR	11	7.51
10	11B1WCI835	STORAGE NETWORKS	PRADEEP KUMAR GUPTA	23	7.97
11	11B1WCI833	PARALLEL COMPUTING ALGORITHMS	AMOL VASUDEVA	9	7.76
12	10M17EC271	ECE DESIGN AND SIMULATION LAB-II	SALMAN RAJU TALLURI	20	8.39
13	10M13CI439	PERFORMANCE EVALUATION OF NETWORKS	RAVINDARA BHATT	18	9.34
14	12M11BI214	ADVANCED ALGORITHM DESIGN FOR BIOINFORMATICS	TIRATHA RAJ SINGH	20	8.08
15	10B17BT271	BASIC BIOSCIENCE LAB	HARISH CHANGOTRA	33	7.89
16	10B11PH211	PHYSICS-II	DHEERAJ SHARMA	114	7.39
17	10B11EC211	BASIC ELECTRONIC DEVICES AND CIRCUITS	MEENAKSHI SOOD	97	7.66
18	11B17CE271	ENGINEERING GRAPHICS AND CAD LAB	CHANDRA PAL GAUTAM	42	8.88
19	10B17CI671	COMPUTER NETWORKS LAB	AMIT KUMAR SINGH	47	7.51
20	10B22CI622	DATA MINING	PARDEEP KUMAR	36	7.66
21	11B1WPD832	STRATEGIC MANAGEMENT	TRIAMBICA GAUTAM	42	7.74
22	11B2WBT851	SYSTEM BIOLOGY	TIRATHA RAJ SINGH	8	8.48

Annexure – iii

The two best practices which have contributed to better academic and administrative functioning of the university are:

1. Curricular Aspects

2. Development of Infrastructure and Learning Resources

The presentation of these two best practices in the requisite format is as follows:

Best Practice-1

1. Title of the Practice

Curricular Aspects

2. Objectives of the Practice

The objective of the Practice is to ensure the quality sustenance and quality enhancement. To accomplish this, various measures are undertaken by the University as and when required, keeping in view the curriculum perspective

3. The Context

The best practice was initiated in the context of providing to students an environment of Sustained Disciplined Work, Self Learning, Flexibility in Pace of Learning, to give design orientation while remaining quality conscious and inculcate the skills of cooperative working.

4. The Practice

Sustained Disciplined Work

A typical semester is designed in an intensive manner with an emphasis on regular and continuous work. The Evaluation System is designed to encourage this concept.

Self Learning

In its attempt to move away from teacher-centred learning to student-specific learning, the curriculum actively encourages self learning. For this purpose 15% of the time allotted to theory and tutorial classes is ear marked for independent study.

Flexibility in Pace of Learning

The evaluation system makes special provision for different paces of learning for different students. Thus, while specifying a time limit within which tutorial/practical work must be completed, there is scope to submit such work beyond the deadline.

Design Orientation

The curriculum is structured so that basic implementation skills and design skills are interwoven together. Thus, for example, a student of Programming Systems learns not only how to program but also how to design programmes.

Quality Consciousness

Students should be aware of the importance of continuous improvement, building zero-defect products and doing quality work. All courses will emphasize on quality as an integral part of teaching.

Co-operative Working

Given the complexity of technological problems of today large teams must work together to provide solutions. Thus, it is very important to learn group dynamics and to work in teams. Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

5. Evidence of Success

As a result of adoption of this best practice, university has been able to produce technical manpower conforming to global standards, which is reflected by university's placement record showing increase in placement offers with better packages. The students are able to acquire skills of life-long learning and cooperative work culture. Besides, the curriculum of the university has witnessed global acceptance as evident by many of our students getting admitted in various foreign universities of repute for higher studies.

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.

Best Practice-2

1. Title of the Practice

Development of Infrastructure and Learning Resources

2. Objectives of the Practice

To create learning ambience with respect to physical infrastructure and learning resources

LRC & ICT.

3. The Context

The context for the best practice has been the aim of the university to provide modern construction and infrastructure of international standards, excellent academic facilities and congenial learning environment. Also, to create stock of learning resources to facilitate academic and research pursuits of the university supported by latest IT resources and technology.

4. The Practice

The university has provided the best possible facilities in terms of infrastructure required for teaching-learning process and also for administrative purposes. The lecture theatres, classrooms, laboratories and tutorial rooms, office spaces are built keeping in mind the limitations posed by hilly terrain and space restrictions, yet making it highly conducive for overall academic environment of global standards. Besides offering the best hostel facilities to students, residential facilities to faculty and staff, university also boasts of its sports grounds and world class auditorium.

The university has a spacious and well stocked LRC with e-journals, databases and fully automated functioning. The LRC users are provided open access to the resources available. At any time about 300 users can sit and work in the library. The circulation of Books is fully automated. The security system i.e., the 3M anti-theft electromagnetic security has been installed at the main gate of LRC to check any pilferage.

The ICT support services include well equipped technology/science labs and workshops, computer labs with latest hardware/software, science/Technology/Computer labs equipped with latest equipment/machines/ hardware, etc., and a collection of licensed software. The whole university campus is network and wi-fi enabled. The lecture theatres, classrooms, laboratories and tutorial rooms, office spaces are fitted with latest ICT facilities for supplementing teaching-learning process.

In addition to this the university uses an integrated software 'campus connect' for all functions such as financial accounting/controlling, materials management, human capital management, campus management, student life cycle management including admissions,

registration, evaluation activities, etc. The university also has a dedicated power backup to avoid disruption of teaching/learning.

5. Evidence of Success

The excellent infrastructure has been able to attract students from almost all corners of the country. The LRC has witnessed about 21000 walk ins per month, which is quite inspiring. The average number of login to e-resources exclusively through LRC is about 1000 per month. Easy dissemination of knowledge/information through ICT starting from lecture room experience to exams has greatly helped students and concerned parents.

6. Problems Encountered and Resources Required

The greatest problem encountered has been in infrastructure development due to hilly terrain, rural surroundings and limitation of space available. In spite of limited space the university has managed efficiently all its academic infrastructure.