

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

2012-13

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

Department of
Biotechnology

UGC-Innovative PG programmes

Any other (*Specify*)

Centre 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	08	00	08	00
UG	07	00	07	00
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	24	00	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
160	110	12	15	23

2.2 No. of permanent faculty with Ph.D.

78

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	01	00	00	00	01	00	18	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	24	19	00
Presented papers	21	06	00
Resource Persons	06	03	03

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 189

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) Double Evaluation and few 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 36 44 28

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	33	--	--	--	--	81.8
M.Tech Civil (CM)	04	--	--	--	--	100
M.Tech Civil (SE)	02	--	--	--	--	100
B.Tech Biotechnology	23	--	--	--	--	95.65
B.Tech Bioinformatics	12	--	--	--	--	100
M.Tech Computational Biology	04	--	--	--	--	100
B.Tech CSE	126	--	--	--	--	97.6
B.Tech IT	47	--	--	--	--	95.74
M.Tech CSE	14	--	--	--	--	100
B.Tech ECE	124	--	--	--	--	95.16
M.Tech ECE	20	--	--	--	--	100
M.Tech Nanotechnology	03	--	--	--	--	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	02
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	64
Others	00

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	77	*	01	00
Technical Staff	31	*	00	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	03	03	07	05
Outlay in Rs. Lakhs	35.556	44.900	477.400	--

3.3 Details regarding minor projects(*not exhaustive*)

	Completed	Ongoing	Sanctioned	Submitted
Number	00	02	01	00
Outlay in Rs. Lakhs	00	19.420	9.88	00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	151	12	00
Non-Peer Review Journals	00	00	00
e-Journals	00	00	00
Conference proceedings	78	16	9

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 2012-2013 2010-2013 2012-2015	ISRO, DST, DBT, ICMR, Dir ER IPR, CSIR, TRIFED, MOEF, HFRI	542.960	34063893/- (as per FY)
Minor Projects	2012-2014 2013-2015 2012-2015	DRDO, DST, NBHM, DIHAR,	29.300	
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: --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	02	01	-	-	-
Sponsoring agencies	IEEE, ISRM TT, JUIT,	JUIT, 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	00
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
06	04	02	--	--	--	--

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

54

130

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

149

SRF

00

Project Fellows

27

Any other

01

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	<input type="text" value="00"/>	State level	<input type="text" value="00"/>
National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="05"/>	College forum	<input type="text" value="--"/>
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="--"/>
		Any other	<input type="text" value="01"/>

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>)	38	00	JUIT, DBT	38
Seminar Halls	03	00	JUIT	03
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	03	only JUIT	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	10.79224	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	18736	3,91,58,039	923	2,45,777	19659	4,26,48,344
Reference Books	11456		598	32,44,528	12054	
e-Books#	372	5,33,887			372	5,33,887
Journals*	114	27,29,056	121	38,87,918	121	38,87,918
e-Journals*\$	19730	19,87,700	23926	25,36,373	24466	25,36,373
Digital Database	9		10		10	
CD & Video	--	--	--	--	--	--
Others (specify)	2441	-	120	-	2561	-

* 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	830	600 (30-JUIT Ext.)	BSNL-1 GBPS RAILTE L-8 MBPS	50	38	30	96	16
Added	120	50	RAILTE L- 6 MBPS (reduced)	10	16	00	02	42
Total	920	620	BSNL-1 GBPS RAILTE L-2 MBPS	60	54	30	98	58

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. 10179326/-
ii) Campus Infrastructure and facilities	Rs. 21501016/-
iii) Equipments	Rs. 4796565/-
iv) Others	Rs. 446002/-
Total :	Rs. 36922909/-

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
1766	99	146	--

(b) No. of students outside the state

2011

(c) No. of international students

20

Men	No	%	Women	No	%
	1322	65.7		689	34.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
-	-	-	-	-	1964	-	-	-	-	-	2011

Demand ratio UG- 54:1; PG-11:1

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

02

SET/SLET

00

GATE

29

CAT

44

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

200

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
30	297	153/154	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	149	10371334/-
Financial support from government	28	2549493/-
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 adopted two layer exam system from 2012. There will be two exams Mid Sem and Final examination of 30 and 45 marks each. 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

Shah 08/07/2017

Signature of the Coordinator, IQAC

Name Prof. Vinod Kumar

Vinod Kumar 08/07/2017

Signature of the Chairperson, IQAC



Annexure- i

ACADEMIC CALENDAR 2012 - 13

	Odd Semester(Jul-Dec 2012)	Even Semester(Jan-June 2013)
1. Registration starts		
UG 1 st Yr (Fresh Batch)	16 & 17 July (Mon-Tue)	08 -Jan (Tue)
UG 2 nd Yr (including DD), UG 3 rd Yr (Incl. DD) & M. Tech 1 st Yr	19 July (Thu)	09 Jan (Wed)
UG 4 th yr (Incl. DD), (5 th yr-2008 batch DD & M. Tech 2 nd Year	20 July (Fri)	10 Jan (Thu)
Ph.D (New Enrolments) & old Ph.D Scholars (Registration)	18-21 July (Wed-Sat)	15-18 Jan (Tue-Fri)
2. First year orientation/welcome	18 July (Wed)	_____
3. Classes to begin from	(Next Day of registration)	(Next Day of registration)
4. Late registration (after due approval) and with late fee	28 July (Sat)	16 Jan (Wed)
(Not for 1 st year-New entrants in Odd Semester)		
5. Ph.D DPMC Meeting (For new scholars)	Within 15 days of enrollment	within 15 days of enrollment
6. Summer Industrial Trg. Report Submitted to Registry	Latest by 11 Aug (Sat)	_____
7. Mid-Sem Proj Presentation (ALL)	28 - 31 Aug (Tue - Fri)	15 – 19 Feb (Fri– Tue)
8. T1 Examination	6 - 10 Sep (Thu - Mon)	18 – 21 Feb (Mon – Thu)
9. To show T1 answer scripts by	17 Sep (Mon)	5 Mar (Tue)
10. Loading T1 Results on System	19 Sep (Wed)	7 Mar (Thu)
11. Inter Jaypee Univ. Sports Meet To be decided by JUET Guna in consultation with other two Institutes. No days to be disrupted.		
12. Mid-term Viva/Test for Lab Courses - to be decided under departmental heads. However, results of same must be loaded before T2 exam.		
13. Le-Fiestus 2013	-----	21-23 Mar (Thu-Sat)
14. T2 Examination	17 – 20 Oct (Wed – Sat)	10 - 13 Apr (Wed - Sat)
15. Mid-semester break@	21 -28 Oct (Sun - Sun)	25 – 30 Mar (Mon – Sat)
16. Mid-Sem Proj. Viva. (ALL)	05 Nov – 10 Nov (Mon – Sat)	15 – 19 Apr (Mon – Fri)
17. To show T2 answer scripts by	03 Nov (Sat)	19 Apr (Fri)
18. Loading T2 Results on System	06 Nov (Tue)	24 Apr (Wed)
19. Final-term Viva/Test for Lab Courses to be decided under departmental heads. However, results of same must be loaded before T3 exam.		
20. Major Project allocation for next year by	_____	15 May (Wed)

	Odd Semester(Jul-Dec 2012)	Even Semester(Jan-June 2013)
21. Classes to be over	by 30 Nov (Fri)	_____
22. Students' Feed Back Collection	by 30 Nov (Fri)	By 16 May (Thu)
23. Subm. of Project Report (ALL)	By 30 Nov (Fri)	By 16 May (Thu)
24. Classes to be over		17 May (Fri)
25. T3 Examination	1 Dec – 8 Dec (Sat – Sat)	18 – 25 May (Sat – Sat)
26. End Semester Break (Not for Teaching Assistants & PhD Scholars/Associates)		
(i) Except Final year students	9 Dec 12 - 06 Jan 13	27 May – 13 Jul (Mon - Sat)
(ii) For Final year students	16 Dec 12 – 06 Jan 13	03 Jun – 13 Jul (Mon - Sat)
27. Final Project Viva. (ALL)	10 -15 Dec (Mon – Sat)	27 May - 01 Jun (Mon – Sat)
28. Summer Internship (Ind. Trg.) Period	_____	27 May – 13 July (for any 6 weeks)
29. To show T3 answer scripts by	14 Dec (Fri)	01 Jun (Sat)
30. End semester Ph.D seminars	07 – 11 Jan (Mon – Fri)	08 July (Mon) – 11 July (Thu)
31. Meeting of University result Committee (Both for Theory & Lab Courses)	15 Dec (Sat)	04 Jun (Tue)
32. Submission of Final Grades (incl. projects) to Registrar	17 Dec (Mon)	06 Jun (Thu)
33. Declaration of Results by Registrar	19 Dec (Wed)	07 Jun (Sat)
34. Summer Semester for Dual- Degree M.Tech.	_____	To be announced
35. Summer Semester for backlog students_____		To be announced (Normally next day of results)
36. Supl Exam Registration	24 – 29 Dec (Mon - Sat)	10 - 15 Jun for Even Sem failures 14 – 15 Jul for summer Sem failures
37. Supplementary Exam	7 – 9 Jan 2013 (Mon- Wed)	18 -20 July (Thu - Sat)
38. Submission of Supplementary Exam Grades	By 12 Jan 2013 (Sat)	By 25 Jul (Thu)
39. Decl. of Results of Suppl. Exam	17 Jan (Thu) 2013	26 Jul (Fri)
40. Next Semester Registration begins	07 Jan 2013	15 July 2013

Registration Schedule may be modified by respective Institutes as per their convenience. However, Ist Year registration (New Entrants) for the Odd Semester-2013 shall remain as specified in the Calendar

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

**ACADEMIC YEAR 2012 - 13
LIST OF HOLIDAYS**

Odd Semester			Even Semester		
1.	Raksha Bandhan	2 Aug 12	1.	Republic Day	26 Jan 13
2.	Janmashtmi	10 Aug 12	2.	Maha Shivratri	10 Mar 13 (Sun)
3.	Independence Day	15 Aug 12	3.	Holi	27 Mar 13
4.	Id-ul-fitr	20 Aug 12	4.	Ram Navmi	20 Apr 13
5.	Gandhi Jayanti	02 Oct 12			
6.	Dushehra	24 Oct 12			
7.	Deepawali	13 Nov 12@			
8.	Guru Nanak Jayanti	28 Nov 12			
9.	Christmas	25 Dec 12			

@ 12th November, 2012 to be observed as pre-diwali holiday

Student Vacation

Mid-semester break (Dushehra)	21 Oct (Sun)	28 Oct (Sun)	8 Days (6 days excl Sundays)
Winter Vacation	9 Dec (Sun)	07 Jan –2013 (Mon)	30 Days (28 days excl Sundays)
Mid-semester break (Holi)	24 Mar (Sun)	31 Mar (Sun)	8 Days (6 days excl Sundays)
Summer Vacation	27 May(Mon)	13 Jul (Sat)	47 Days

Faculty Vacation

Faculty Vacations (Dushehra)	22 Oct (Mon)	27 Oct (Sat)	6 Days + 2 Sun
Faculty Vacations (Winter)	21 Dec (Fri)	5 Jan (Sat)	16 Days
Faculty Vacations (Holi)	25 Mar (Mon)	30 Mar (Sat)	6 Days
Faculty Vacations (Summer)	7 June (Fri)	06 Jul (Sat)	30 Days



Annexure-ii

Academic year: 2012-13

Sr.	SUBJECTCODE	SUBJECT	FACULTY NAME	REGCOUNT	OAR
1	10B11CE615	ADVANCED STRUCTURAL ANALYSIS	CHANDRA PAL GAUTAM	74	8.23
2	10B17CE471	GEOTECHNICAL LAB	SAURABH RAWAT	88	8.03
3	10B11EC611	TELECOMMUNICATION NETWORKS	MUNISH SOOD	88	7.93
4	10B17EC671	TELECOMMUNICATION NETWORKS LAB	MUNISH SOOD	25	8.57
5	10B11CI614	OBJECT ORIENTED SYSTEMS AND PROGRAMMING	AMOL VASUDEVA	50	8.85
6	10B17CI407	MICROPROCESSORS AND CONTROLLERS LAB	AMIT KUMAR SINGH	18	7.72
7	10B11BT615	DIAGNOSTICS & VACCINE MANUFACTURE TECHNOLOGIES	RAHUL SHRIVASTAVA	28	7.61
8	12M11BI274	ADVANCED ALGORITHMS DESIGN FOR BIOINFORMATICS LAB	TIRATHA RAJ SINGH	5	8.9
9	10B11CE613	SEWAGE TREATMENT AND DISPOSAL	VEERESH S. GALI	68	7.22
10	11M1WCI432	PERFORMANCE EVALUATION OF NETWORKS	RAVINDARA BHATT	3	8.88
11	13M1WPY262	RECENT ADVANCES IN PHARMACOLOGY LAB	UDAYABANU M	12	7.02
12	10B17CI671	COMPUTER NETWORKS LAB	RAMANPREET KAUR	26	7.26
13	10B17CI671	COMPUTER NETWORKS LAB	AMIT KUMAR SINGH	35	8.31
14	10B17CE472	SURVEYING LAB	ASHISH KUMAR	60	7.91
15	11B11CE411	CONCRETE TECHNOLOGY	ABHILASH SHUKLA	85	7.88
16	11B17CE271	ENGINEERING GRAPHICS AND CAD LAB	CHANDRA PAL GAUTAM	88	8.67
17	13B21EC211	BASIC TELECOMMUNICATION	MUNISH SOOD	29	7.07
18	11B1WCI831	EMBEDDED SYSTEMS & APPLICATIONS	VIVEK SEHGAL	24	8.53
19	10B17CE271	WORKSHOP PRACTICES	ABHILASH SHUKLA	63	7.10
20	10B11CE411	GEOTECHNICAL ENGINEERING	SAURABH RAWAT	90	8.53
21	10B11EC611	TELECOMMUNICATION NETWORKS	MUNISH SOOD	88	7.93

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.