The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year | 2015-16

1. 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. Vinod Kumar

Tel. No. with STD Code: | 01792-239201

Mobile: | 9412074172

Name of the IQAC Co-ordinator:

Prof. R S Chauhan

Mobile:

9418405536

IQAC e-mail address:

IQAC@juit.ac.in

1.3 NAAC Track ID

11898

OR

1.4 NAAC Executive Committee No. & Date:

EC/56/A&A/009 dated 16-09-2011

1.5 Website address:

www.juit.ac.in

Web-link of the AQAR:

http://www.juit.ac.in/AQAR2015-16.pdf

1.6 Accreditation Details

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

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   05/09/2016

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

   i. AQAR _____ _____ (DD/MM/YYYY)

ii. AQAR_____ _____ (DD/MM/YYYY)

iii. AQAR_____ _____ (DD/MM/YYYY)

iv. AQAR_____ _____ (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

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*) [Private]

UGC-COP Programmes [ ]

2. IQAC Composition and Activities

2.1 No. of Teachers [7]

2.2 No. of Administrative/Technical staff [2]

2.3 No. of students [1]

2.4 No. of Management representatives [1]

2.5 No. of Alumni [4]

2. 6 No. of any other stakeholder and
community representatives [3]

2.7 No. of Employers/ Industrialists [1]

2.8 No. of other External Experts [0]

2.9 Total No. of members [16]

2.10 No. of IQAC meetings held   : 01

2.11 No. of meetings with various stakeholders: No. [3]   Faculty [1]

Non-Teaching Staff Students [1]   Alumni [1]   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. [0]   International [-]   National [-]   State [-]   Institution Level [-]

(ii) Themes [NA]

2.14 Significant Activities and contributions made by IQAC

Formulation of IQAC document. Steps were taken to form IQAC as per NAAC guidelines.

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 has taken place to formulate IQAC and various committee members have been appointed from the faculty/staff/alumni/students/stakeholders.	Action plan has been made for monitoring the quality and committees have been formed. The activities of the committee have been planned and the faculty and staff has already been sensitized by quality assurance.

Academic Calendar of the year as Annexure(i).

2.16 Whether the AQAR was placed in statutory body   Yes [√]   No [   ]

Management [√]   Syndicate [   ]   Any other body [   ]

Provide the details of the action taken

The management has already taken note of the recommendations of the committee and gone through the AQAR-2015-16. The action as per the recommendations given in the report will be taken up.

Criterion – I

1. 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	7	0	7	0
UG	6	0	6	0
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	21	0	21	0

Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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

Pattern	Number of programmes
Semester	21
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) [ ]

* sample analysis of the feedback from students in the Annexure (ii)

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

- Syllabus 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
99	73	14	11	1

2.2 No. of permanent faculty with Ph.D.   65

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
9	0	1	10	0	1	0	0	10	11

2.4 No. of Guest and Visiting faculty and Temporary faculty   0   7   0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	18	8	29
Presented papers	32	16	6
Resource Persons	11	10	2

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   182

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   38   18   18

2.10 Average percentage of attendance of students   60

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 ECE	114					98.2
B. Tech CSE	130					98.6
B. Tech IT	21					100%
B. Tech CE	97					98%
B. Tech BT	24					100%
B. Tech BI	19					100%
M. Tech ECE	10					100%
M. Tech CSE	10					100%
M. Biotechnology	6					100%
M. Tech Construction Management	9					100%
M. Tech Structural Engineering	17					100%
M. Tech Environmental Engineering	9					89%

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

 Regular assessment forms are provided to students/faculty/alumni/stakeholders to take feedback on teaching-learning and research .semester wise and also on annual basis Based on the feedback, IQAC suggests the concerned head of departments to take corrective measures.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	12
UGC – Faculty Improvement Programme	0
HRD programmes	10
Orientation programmes	18
Faculty exchange programme	0
Staff training conducted by the university	42
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	46
Others	0

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	75	*	0	0
Technical Staff	33	*	0	0

* 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

During this period the steps were taken to encourage the faculty to submit R&D proposals and publish papers in high impact journals.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	18	28	6	6
Outlay in Rs. Lakhs	733.4	1158.94	426.06	120.2

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	179	5	
Non-Peer Review Journals			
e-Journals	3		
Conference proceedings	50	12	

3.5 Details on Impact factor of publications:

Range 0.0-5.12   Average -   h-index 21   Nos. in SCOPUS 245

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	2015-2016	ISRO,DST,DRDO,ICMR,DBT,SERB-DST	270 lakhs	171 lakhs
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. [4]   Chapters in Edited Books [11]

ii) Without ISBN No. [0]

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [1]

DPE [ ]   DBT Scheme/funds [2]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy [0]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	2	0	1	
Sponsoring agencies	JUIT, IEEE USA	IEEE DELHI, JUIT/CEC		IEEE, STUDENT BRANCH, JUIT	

3.12 No. of faculty served as experts, chairpersons or resource persons [31]

3.13 No. of collaborations   International [7]   National [9]   Any other [0]

3.14 No. of linkages created during this year [0]

3.15 Total budget for research for current year in lakhs :

From Funding agency [270]   From Management of University/College [45]

Total [315]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
6	1	5				

3.18 No. of faculty from the Institution who are Ph. D. Guides   43

and students registered under them   96

3.19 No. of Ph.D. awarded by faculty from the Institution   11

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

JRF   16   SRF   ☐   Project Fellows   ☐   Any other   30

3.21 No. of students Participated in NSS events:

University level   ☐   State level   ☐

National level   ☐   International level   ☐

3.22 No. of students participated in NCC events:

University level   ☐   State level   ☐

National level   ☐   International level   ☐

3.23 No. of Awards won in NSS:

University level   ☐   State level   ☐

National level   ☐   International level   ☐

3.24 No. of Awards won in NCC:

University level   ☐   State level   ☐

National level   ☐   International level   ☐

3.25 No. of Extension activities organized

University forum   4   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

- Organized one national symposium on Computational System Biology in association with National Network for Mathematical and Computational Biology, Mohali node at JUIT Waknaghat, 18-20 Mar 2016.

- Organized a 'National Workshop of Statistical Techniques in Biological and Medical Sciences (STBMS-2016)' in association with Mathematics Department at JUIT Waknaghat, 13-18 June 2016.

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	0	JUIT	25 acres
Class rooms	8	0	JUIT	8
Laboratories	56	2	JUIT	58
Seminar Halls	3	0	JUIT	3
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.		1	JUIT	1
Value of the equipment purchased during the year (Rs. in Lakhs)	1607.33	3.54	JUIT	1610.87
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		2015-16 Newly added		Total Total	
	No.	Value (in Rs)	No.	Value (in Rs)	No.	Value (in Rs)
Text Books (2002-15)	18164	45872550	480	208932	18644	46347207
Reference Books (2002-15)	12531		45	265725	12576	
e-Books (2014-15)	372	533887	-	-	372	533887
Journals (2014-15)	108	4068522	102	3205065	210	7273587
e-Journals (2014-15)	25530*	2719306	12078**	2407385	37608	5126691
Digital Database (2014-15)	7		5		12	
CD & Video						
Others (specify)	2738	-	197	-	2935	-

*1064 e-journals+ 24466 conference proceedings
**852 e-journals+ 11226 conference proceedings and newsletters, etc.
#Cumulative amount for the year 2014-15 and 2015-16

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	912	637	1 GBPS from BSNL and 4MBPS from Railtel	66	59	32	100	18
Added	0	0	6 MBPS from Railtel	0	0	0	0	0
Total	912	637	1 GBPS from BSNL and 10 MBPS from Railtel	66	59	32	100	18

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 :

  i) ICT (Internet)   Rs.1121291

  ii) Campus Infrastructure and facilities   Rs.1747616

  iii) Equipments (Hardware)   Rs..618993

  iv) Others   Rs.408621

Total :   Rs.3896521

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> The steps are being taken to form the guidelines and various forms for IQAC.

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
1843	136	106	

(b) No. of students outside the state   1987

(c) No. of international students   20

Men
No	%
1543	74

Women
No	%
542	26

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
397	19	9	11	0	436	476	11	2	3	0	491

    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   115

5.5 No. of students qualified in these examinations

| NET | 2 | SET/SLET | 0 | GATE | 42 | CAT | 10 |
| IAS/IPS etc | | State PSC | | UPSC | | Others | 2 |

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   215

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed (offers/ absolute offers)	Number of Students Placed
88	310	348/229	5

*Reported Numbers (NET/GATE – Not Included)

5.8 Details of gender sensitization programmes

The university has a sexual harassment committee. 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.

5.9 Students Activities

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

    State/ University level | 100 | National level | 17 | International level | - |

    No. of students participated in cultural events

    State/ University level | 400 | National level | 50 | International level | - |

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

Sports : State/ University level | 9 | National level | - | International level | - |

Cultural: State/ University level | 100 | National level | 10 | International level | - |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	102	Rs.1,42,03,706
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level | 7 | National level | 2 | International level | - |

Exhibition: State/ University level | 1 | National level | 1 | International level | - |

5.12   No. of social initiatives undertaken by the students | 4 |

5.13 Major grievances of students (if any) redressed: _____one_____

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.

Each faculty member is provided with a computer with internet connectivity in his/her office cabin. The computers are installed with the required software and IT tools for their use in teaching and research. The computers also have access to online resources of LRC and those subscribed by LRC. All computers of the faculty members are connected to network printer installed in each faculty cluster. The faculty can also use the DELNET facility made available by LRC for the resources that are not accessible to them. Free round the clock Internet facility is provided in the research laboratories, students and faculty residences also.

6.3.6   Human Resource Management

We have registrar to take care of nonteaching 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	IQAC
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 number of tress

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 numbered as 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 ☐

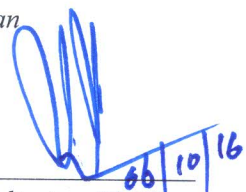(The university internally carries out the audit of the environment)

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 the strength of the 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
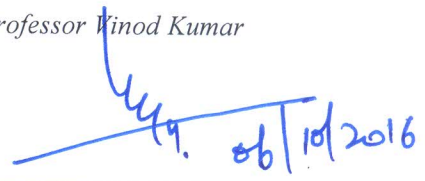5. Revisit the curricula with feedback from alumni and industry.

Professor R S Chauhan

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Signature of the Coordinator, IQAC

Professor Vinod Kumar

_____
Signature of the Chairperson, IQAC

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ACADEMIC CALENDAR 2015 – 16

SER. NO.	EVENT	ODD SEMESTER (Jul-Dec 2015)	EVEN SEMESTER (Jan-Jun 2016)
	Registration		
	UG 2nd Yr (including DD) UG 3rd Yr (Incl. DD) & M. Tech 1st Yr	**23 Jul 2015**	**14 Jan 2016**
1.	UG 4th yr (Incl. DD), DD 5th yr-2010 batch & M. Tech 2nd Year, All Ph.D	**24 Jul 2015**	**15 Jan 2016**
	Registration for Supplementary Examination 2015	**23 -24 Jul 2015**	
	UG 1st Yr	**25 Jul 2015 (Fresh Batch)**	**16 Jan 2016**
	Late Registration - - Within one week from date of 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 (1st Sem).		
	Orientation / Commencement of Classes		
2.	First year orientation (Fresh Batch)	**27 Jul 2015**	--
	Commencement of Classes for all batches.	Next day of Registration	Next day of Registration
	First year classes (new batch)	**28 Jul 2015**	
3	**Supplementary Examination 2015**	**28-30 July 2015**	
3.	Ph.D DPMC Meeting (for new scholars)	**Within 15 days of enrollment**	**Within 15 days of enrollment**
4.	Fresher Night	**28 Aug 2015**	
4.	Summer Industrial Trg. Report Submission to Registry	**01 September 2015**	
5	Attendance Review before T1 exam	**04 Sep 2015**	**20 Feb 2016**
	T1 Examination & Results		
	Examination Schedule	**07 - 11 Sep 2015**	**22 - 27 Feb 2016**
	Showing of Evaluated Answer Sheets to students (Latest by)	**18 Sep 2015**	**05 Mar 2016**
6.	Results Uploading on System (Latest by)	**22 Sep 2015**	**08 Mar 2016**
	Mid-Semester Viva/Test for Labs (incl M.Tech) To be decided under departmental heads between T1 & T2.	Result uploaded before T2	Result uploaded before T2
	Mid-Term /Viva for Major Projects (incl M.Tech 3rd Sem only) To be decided under departmental heads between T1 & T2.	Result uploaded before 21 Nov 2015	Result uploaded before 14 May 2016
7.	Attendance Review before T2 exam	**17 Oct 2015**	**09 Apr 2016**
8.	Semester Break – Dushehra (Odd) / Holi (Even) (Incl. Sundays) @	**18 - 24 Oct 2015**	**20 - 26 Mar 2016**
	T2 Examination & Results		
	Examination Schedule	**27 - 31 Oct 2015**	**11 - 16 Apr 2016**
	Showing of Evaluated Answer Sheets to students (Latest by)	**07 Nov 2015**	**25 Apr 2016**
9.	Parakram 2015(Sports meet)	**7-8 Nov 2015**	
	Results Uploading on System (Latest by)	**09 Nov 2015**	**27 Apr 2016**
	End-Semester Seminar / Viva for Labs - to be decided under departmental heads.	Result uploaded before End Term Exam	Result uploaded before End Term Exam
10.	**Le-Fiestus 2016**		**29th to 30th April, 2016**
11.	**Make-up Examination (All)**	**18 - 21 Nov 2015**	**11 - 14 May 2016**
12.	**Project / Dissertation activity**		
	Submission of Project (B.Tech & M.Tech)	**05 Dec 2015**	**26 May 2016**
13.	Students' Feed Back Collection by	**05 Dec 2015**	**26 May 2016**
14.	Classes to be over	**07 Dec 2015**	**26 May 2016**
15.	End Semester Attendance Review	**08 Dec 2015**	**27 May 2016**
16.	Makeup day for disrupted classes	**08 - 09 Dec 2015**	**27 - 28 May 2016**

	End Semester Examination		
17.	Examination Schedule	**10 - 19 Dec 2015**	**30 May - 08 Jun 2016**
	Showing of Evaluated Answer Sheets to students	**Latest by 26 Dec 2015**	**14 Jun 2016**
	Project / Viva		
18.	Final Project Viva (B.Tech & M. Tech)	**21 Dec 2015 - 24 Dec 2015**	**09-13 Jun 2016**
	End semester Ph.D seminars	**26 Dec 2015 - 27 Dec 2015**	**14-16 Jun 2016**
	Exam Results		
19.	Deptt. Board of Examiners Meeting	**28 Dec 2015 (FN)**	**15 Jun 2016 (FN)**
	Meeting of University result Committee (for all courses)	**28 Dec 2015 (AN)**	**15 Jun 2016 (AN)**
	Freezing the grades/Submission of Final Grades to Registrar	**30 Dec 2015 (FN)**	**17 Jun 2016 (FN)**
	Declaration of Results by Registrar	**30 Dec 2015 (AN)**	**17 Jun 2016 (AN)**
	Vacations & Summer Internship		
20.	Vacation - Except for Final year students	**20 Dec 2015-13 Jan 2016***	**09 Jun - 26 Jul 2016**
	Vacation for Final year students	**25 Dec 2015-13 Jan 2016***	**14 Jun - 26 Jul 2016**
	Summer Internship (Ind. Trg.) Period	- -	**09 Jun - 23 Jul 2016 (for 6 weeks)**
	Supplementary Examination		
21.	Registration for Supl Exam	**31 Dec 2015 – 09 Jan 2016**	**16July - 25 July 2016**
	Registration for Supp exam (For summer sem failures)	- -	**25 - 26 Jul 2016**
	Supplementary Exam Schedule	**18-21 Jan 2016**	**27 Jul- 01 Aug 2016**
	Showing of Evaluated Answer Sheets to students (latest by)	**22 Jan2016**	**03 Aug 2016**
	Submission of Suppl. Exam Grades by Faculty and Freezing	**23 Jan 2016**	**04 Aug 2016**
	University meeting for finalization Suppl. Results	**25 Jan 2016**	**05 Aug 2016**
	Decl. of Results of Suppl. Exam	**25 Jan 2016**	**06 Aug 2016**
	Summer Semester – 2016		
22.	Registration for Summer Sem. for backlog students all years	- -	**18 - 20 Jun 2016**
	Summer Semester for Dual- Degree B.Tech-M.Tech (Addl Sem) and backlog students all years (Details separately)	- -	**21 Jun - 23 Jul 2016**
23.	Finalization of progression of 1sr yr students into 2nd yr. and their registration in relevant Sem.	- -	After declaration of Suppli results (6-8 Aug)
24.	Next Semester Registration begins (Academics Session 2016-17)	- -	**27 Jul 2016 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, MEMS Project staff & PhD Scholars.

REGISTRAR,
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)

ACADEMIC YEAR 2015-16

LIST OF HOLIDAYS

ODD SEMESTER 2015		EVEN SEMESTER 2016	
1. Independence Day	15 Aug 15	1. Republic Day	26 Jan 16
2. Raksha Bandhan	29 Aug 15	2. Maha Shivratri	7 March 16
3. Janmashtmi	05 Sep 15	3. Holi	23 Mar 16
4. Gandhi Jayanti	02 Oct 15	4. Ram Navmi	15 Apr 16
5. Dushehra	22 Oct 15		
6. Pre-Diwali	10 Nov 15		
7. Diwali	11 Nov 15		
8. Govardhan Puja	12 Nov 15		
9. Guru Nanak Jayanti	25 Nov 15		
10. Christmas	25 Dec 15		

Student Vacation (Odd Sem)

	From	To
Mid-semester break (Dushehra)	18 Oct 2015	24 Oct 2015
Vacation (except Final year students)	20 Dec 2015	13 Jan 2016*
Vacation for Final year students	25 Dec 2015	13 Jan 2016*

Student Vacation (Even Sem)

Mid-semester break (Holi)	20 Mar 2016	26 Mar 2016
Summer Vacation (except Final year students)	09 Jun 2016	26 Jul 2016
Summer Vacation (Final Year Students)	14 Jun 2016	26 Jul 2016

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

Faculty Vacation

	From	To
Faculty Vacations (Dushehra)	18 Oct 2015	24 Oct 2015
Faculty Vacations (Winter)	31 Dec 2015	12 Jan 2016*
Faculty Vacations (Holi)	20 Mar 2016	26 Mar 2016
Faculty Vacations (Summer)	18 Jun 2016	23 Jul 2016

REGISTRAR,
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Waknaghat, Distt. Solan (H.P.)

S.NO.	SUBJECTCODE	SUBJECT	FACULTY NAME	REGCOUNT	OAR
1	11B11CE411	Concrete technology	Abhilash shukla	70	**8.02**
2	10B11CE611	Design of steel structures	Abhilash shukla	41	**7.06**
3	10B17CE673	Environmental engineering lab-ii	Abhilash shukla	23	**7.6**
4	10B17CE271	Workshop practices	Abhilash shukla	79	**8.54**
5	10B17CE673	Environmental engineering lab-ii	Ashish kumar	25	**8.43**
6	10B11CE412	Surveying	Ashish kumar	69	**7.42**
7	10B17CE472	Surveying lab	Ashish kumar	56	**8.68**
8	10B17CE673	Environmental engineering lab-ii	Ashok kumar gupta	23	**8.14**
9	10B11CE413	Structural analysis	Ashok kumar gupta	38	**9.15**
10	12M1WCE271	Cad laboratory	Bibhas paul	12	**8.73**
11	10B17CE671	Civil engineering software lab	Bibhas paul	79	**8.28**
12	10B11CE611	Design of steel structures	Bibhas paul	31	**7.93**
13	12M1WCE212	Design of steel structures	Bibhas paul	11	**8.18**
14	10B11CE614	Transportation engineering	Bibhas paul	65	**7.49**
15	10B11CE615	Advanced structural analysis	Chandra pal gautam	68	**9.13**
16	10B11CE413	Structural analysis	Chandra pal gautam	32	**9.17**
17	11M1WCE133	Bridge engineering	Lav singh	14	**9.32**
18	10M11CE214	Construction financial management	Lav singh	69	**8.21**
19	11B17CE271	Engineering graphics and cad lab	Lav singh	22	**8.76**
20	10M13CE334	Principles of affordable housing	Lav singh	14	**9.2**
21	10B11CE612	Foundation engineering	Niraj singh parihar	20	**7.75**
22	10B17CE672	Foundation engineering lab	Niraj singh parihar	106	**8.27**
23	10B11CE613	Sewage treatment and disposal	Niraj singh parihar	46	**7.17**
24	14M31CE211	Air and noise pollution control	Rajiv ganguly	11	**7.06**
25	14M31CE213	Industrial waste water treatment	Rajiv ganguly	13	**7.62**
26	14M31CE214	Process design in environmental engg.	Rajiv ganguly	12	**7.91**
27	10B11CE613	Sewage treatment and disposal	Rajiv ganguly	47	**7.89**
28	14M37CE276	Software lab	Rajiv ganguly	10	**7.25**
29	10M11CE211	Construction contacts and laws	Santu kar	64	**8.3**
30	10M11CE213	Construction cost analysis	Santu kar	14	**9.23**
31	10M13CE432	Construction methods improvement	Santu kar	21	**9.24**
32	11B17CE271	Engineering graphics and cad lab	Santu kar	27	**8.49**
33	10B11CE612	Foundation engineering	Saurabh rawat	41	**8.65**
34	10B11CE411	Geotechnical engineering	Saurabh rawat	73	**8.81**
35	11B17CE271	Engineering graphics and cad lab	Saurav	21	**8.62**
36	10B17CE471	Geotechnical lab	Saurav	86	**8.96**
37	12M1WCE231	Prestressed concrete design	Saurav	16	**9**
38	12M1WCE211	Solid mechanics in structural engineering	Saurav	14	**7.88**
39	12M1WCE214	Theory of plates and shells	Saurav	13	**8.25**

40	14M31CE212	Contaminant transport	Veeresh s. Gali	11	**7.81**
41	16M31CE412	Environmental audit	Veeresh s. Gali	9	**6.17**
42	14M31CE216	Hazardous waste management	Veeresh s. Gali	9	**8.13**
43	14M31CE215	Surface water quality management	Veeresh s. Gali	11	**7.23**
44	10B11EC211	Basic electronic devices and circuits	Alok kumar	113	**6.95**
45	10B17EC271	Basic electronics lab	Alok kumar	73	**6.82**
46	11B1WEC232	Software define radio	Ghanshyam singh	10	**7.84**
47	13M1WEC431	Statistical signal processing	Ghanshyam singh	10	**8.23**
48	10B11EC611	Telecommunication networks	Meenakshi sood	86	**7.18**
49	10B17EC671	Telecommunication networks lab	Meenakshi sood	86	**6.29**
50	10B11EC211	Basic electronic devices and circuits	Munish sood	93	**7.16**
51	10B17EC271	Basic electronics lab	Munish sood	94	**7.33**
52	10B17EC471	Devices and circuit simulation lab	Neeru sharma	53	**7.76**
53	10B17EC407	Digital electronics lab	Neeru sharma	15	**8.52**
54	11B1WEC834	Optical communication systems	Neeru sharma	72	**8.72**
55	16M1WEC231	Advanced digital image processing	Pardeep garg	30	**8.57**
56	10B11EC401	Digital electronics	Pardeep garg	55	**7.79**
57	10B17EC407	Digital electronics lab	Pardeep garg	20	**7.8**
58	16B1WEC831	Antenna and wave propagation	Pradeep kumar	29	**8.73**
59	10B11EC301	Signals and systems	Pradeep kumar	62	**7.79**
60	10B17EC271	Basic electronics lab	Pragya gupta	76	**7.06**
61	10B11EC411	Semiconductor devices	Pragya gupta	54	**7.56**
62	12M1WEC232	Real time embedded systems	Rajiv kumar	23	**8.65**
63	10B11EC301	Signals and systems	Rajiv kumar	28	**7.64**
64	10B17EC307	Signals and systems lab	Rajiv kumar	29	**7.12**
65	10M17EC271	Ece design and simulation lab-ii	Salman raju talluri	16	**6.2**
66	13M1WEC432	Radar and sonar signal processing	Salman raju talluri	10	**9.03**
67	10B17EC307	Signals and systems lab	Salman raju talluri	83	**6.71**
68	10B11EC612	Vlsi technology and applications	Shruti jain	85	**7.44**
69	10B17EC672	Vlsi lab	Shruti jain	84	**8.18**
70	10M11EC212	Advanced wireless and mobile communication	Shweta pandit	51	**5.38**
71	10B17EC473	Analogue communications lab	Shweta pandit	50	**7.12**
72	15B17EC471	Basic electronics lab	Shweta pandit	44	**7.74**
73	10B11EC211	Basic electronic devices and circuits	Sunil datt sharma	103	**5.19**
74	10B17EC271	Basic electronics lab	Sunil datt sharma	87	**6.07**
75	10B11EC413	Analogue communications	Sunil vidya bhooshan	57	**8.55**
76	11B1WEC831	Linux & its applications	Sunil vidya bhooshan	47	**9.24**
77	10B17EC407	Digital electronics lab	Vanita rana	12	**8.15**
78	11B1WEC611	Power electronics	Vanita rana	85	**8.07**
79	11B1WEC671	Power electronics lab	Vanita rana	83	**6.7**
80	10B11PD411	Financial management	Amit srivastava	106	**8.03**
81	10B11PD611	Project management	Amit srivastava	136	**8.41**

82	10B11PD211	Group and cooperative processes	Anil sehrawat	176	**7.32**
83	14B1WHS831	Persuasive communication	Anil sehrawat	48	**7.2**
84	13B1WHS834	Internet marketing	Anupriya kaur	29	**7.82**
85	10B11PD611	Project management	Anupriya kaur	214	**7.72**
86	14B1WHS834	Accounting for managers	Puneet bhushan sood	34	**9.69**
87	10B11PD411	Financial management	Puneet bhushan sood	75	**8.68**
88	10B11PD211	Group and cooperative processes	Tanu sharma	126	**5.94**
89	14B1WHS832	International human resource management	Tanu sharma	35	**7.99**
90	10B11PD411	Financial management	Triambica gautam	145	**7.88**
91	14B1WHS832	International human resource management	Triambica gautam	43	**8.02**
92	10B17CI271	Data structures and computer programming lab	Amol vasudeva	22	**7.25**
93	10B28CI408	Multimedia development lab i	Amol vasudeva	20	**8.03**
94	10B11CI614	Object oriented systems and programming	Amol vasudeva	74	**7.75**
95	10B17CI674	Object oriented systems and programming lab	Amol vasudeva	24	**7.67**
96	10B17CI307	Unix programming lab	Amol vasudeva	19	**7.03**
97	10B17CI471	Algorithms lab	Annie singla	65	**7.08**
98	11B1WCI671	Computer graphics lab	Annie singla	29	**6.22**
99	10B17CI271	Data structures and computer programming lab	Annie singla	24	**7.78**
100	10B11CI411	Fundamentals of algorithms	Annie singla	62	**6.79**
101	10B11CI611	Computer networks	Amit kumar singh	45	**8.65**
102	10B17CI671	Computer networks lab	Amit kumar singh	45	**8.83**
103	10B17CI407	Microprocessors and controllers lab	Amit kumar singh	66	**6.8**
104	10M11CI214	Multimedia systems	Amit kumar singh	18	**8.86**
105	10B11CI611	Computer networks	Arvind kumar	51	**6.96**
106	10B17CI671	Computer networks lab	Arvind kumar	49	**7.16**
107	10B17CI271	Data structures and computer programming lab	Arvind kumar	32	**7.01**
108	10B17CI307	Unix programming lab	Arvind kumar	24	**6.21**
109	15M1WCI432	Advanced computational techniques in engineering	Brig. (retd.) S p ghrera	9	**8.97**
110	10B11CI401	Microprocessors and controllers	Brig. (retd.) S p ghrera	65	**7.54**
111	11B1WCI836	Network management	Brig. (retd.) S p ghrera	36	**8.45**
112	11B1WCI671	Computer graphics lab	Hemraj saini	31	**6.98**
113	10B11CI211	Data structures	Hemraj saini	110	**6.24**
114	10B17CI271	Data structures and computer programming lab	Hemraj saini	22	**7.78**
115	10B28CI408	Multimedia development lab i	Hemraj saini	18	**6.17**
116	10B17CI307	Unix programming lab	Hemraj saini	13	**6.69**
117	10B17CI471	Algorithms lab	Nishtha ahuja	36	**8.34**
118	10B11CI411	Fundamentals of algorithms	Nishtha ahuja	38	**8.92**

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.

7. **Notes**

Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

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-leaning 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.