



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	SHOBHIT INSTITUTE OF ENGINEERING AND TECHNOLOGY (Deemed to be University), Shobhit University
Name of the head of the Institution	Prof. Shaktidev Mukherjee
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01212575091
Mobile no.	9411487534
Registered Email	vicechancellor@shobhituniversity.ac.in
Alternate Email	registrar@shobhituniversity.ac.in
Address	NH-58, Roorkee Road, Modipuram, Meerut
City/Town	Meerut
State/UT	Uttar pradesh
Pincode	250110

2. Institutional Status					
University	Deemed				
Type of Institution	Co-education				
Location	Rural				
Financial Status	private				
Name of the IQAC co-ordinator/Director	Dr. Niraj Singhal				
Phone no/Alternate Phone no.	01212575091				
Mobile no.	7617505015				
Registered Email	iqac.sum@shobhituniversity.ac.in				
Alternate Email	registrar@shobhituniversity.ac.in				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	https://www.shobhituniversity.ac.in/pdf/naac/aqar-2016-17.pdf				
4. Whether Academic Calendar prepared during the year	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.shobhituniversity.ac.in/pdf/naac/acad-calr-2017-18.pdf				
5. Accrediation Details					
				Validity	
Cycle	Grade	CGPA	Year of Accrediation	Period From	Period To
1	B	2.12	2015	16-Nov-2015	15-Nov-2020
6. Date of Establishment of IQAC			08-Aug-2014		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
Quality policy of the	30-Apr-2018		9		

University	1	
Review of Ordinance	08-May-2018 1	11
Workshop on Electronic Security and Fire Systems	13-Oct-2017 1	45
Financial Education and Awareness programme	13-Dec-2017 1	61
Symposium on Biological Clock and its impact on Indian Lifestyle	14-Oct-2017 1	53
Workshop on MATLAB and IOT	28-Sep-2017 1	65
Skill Development Programme	09-Sep-2017 1	76
Workshop on Personality Development	26-Aug-2017 1	112
Career Building Seminar	04-Aug-2017 1	93
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Shobhit Institute of Engineering & Technology, Meerut	ASPIRE TBI	MSME Govt. of India	2016 1095	8000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes

If yes, mention the amount	185000
Year	2017

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

Regular meeting of Internal Quality Assurance Cell (IQAC)

Feedback from all stakeholders collected, analysed used for improvements

Review of all Ordinances

IQAC has laid down various quality improvement strategies in the following areas like Curriculum development, teaching and learning and modification of University's Quality policy.

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

Plan of Action	Achivements/Outcomes
To collect feedback from stakeholders	Feedback collected and analysed
Course Plans to implement as per Academic calendar	Implemented properly as per schedule
To conduct more academic activities	Quality academic activities increased
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Council	12-Aug-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

27-Nov-2017

16. Whether institutional data submitted to AISHE:

No

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Shobhit University has implemented Management Information System majorly in all the processes since 2006. The entire functioning of the university including Finance, Student Registration, Examinations, Counselling Services, and Feedback System are run on different Software. The student can login via university website from anywhere to avail essential services relevant information like Results, Fee payments, academic notifications etc. The admissions process is automated and transparent right round the clock from the Application stage to the allotment of seats. The application can be submitted online through the website with payment gateway integration for the application fee. All the payments including Fees can be paid online. Ledger records are maintained electronically through Tally. All vendor payments are done through RTGS. Library is automated using Integrated Library Management System (ILMS) and has digitisation facility. KOHA is open source and fully customizable, Supports emerging standards like NCIP, MARCXML, DCMES, METS. Supports sophisticated search features - Boolean, Relational and Positional operators. An integrated library system (ILS), also known as a library management system (LMS), is an enterprise resource planning system for a library, used to track items owned, orders made, bills paid, and patrons who have borrowed. The ILS usually comprises a relational database, software to interact with that database, and two graphical user interfaces (one for patrons, one for staff). Most ILS separate software functions into discrete programs called modules, each of them integrated with a unified interface. Examples of modules might include: Acquisitions (ordering, receiving, and invoicing materials), cataloging (classifying and indexing materials), Circulation (lending materials to patrons and receiving them back), Serials (tracking magazine, journals, and newspaper holdings), Online public access cataloger OPAC (public user interface). Many applications reduce a major portion of manual data entry by populating data fields based upon the entered ISBN

using MARC standards technology via the Internet. Users of IT resources are responsible to protect the confidentiality of the information to which they have access. Students and other users access IT resources to which they have authorization and are required to protect the privacy of passwords to prevent access by unauthorized users. All users are prohibited from using IT resources in a manner that is construed by another as hateful, threatening or harassing. Information Technology resources refer to all computers and communication facilities, service and resources including but not limited to networking devices, email service, wireless devices and any associated peripherals and software that are owned, managed maintained by University.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BBA	05UGBBA	Management	25/07/2017
BCom	05UGBCOM	Commerce	25/07/2017

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Biotechnology, Biomedical and Agriculture	25/07/2017	Short term job oriented training, BT-462	25/07/2017
BTech	Biotechnology, Biomedical and Agriculture	10/01/2018	Training Program on Physiochemical Characterization of Biomaterials, BM-462	10/01/2018
BTech	Computer Science and Engineering	04/06/2018	Short term course on LINUX, CS-462	04/06/2018
BTech	Electronics and Communication	11/06/2018	Real-Time Signal Processing	11/06/2018

	Engineering		using FPGA, EC-462	
BTech	Mechanical Engineering	11/06/2018	Summer short term course on Metal casting, ME-462	11/06/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Agriculture	25/07/2017
MSc	Biomedical	25/07/2017
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BBA	Business Administration	25/07/2017
BCom	Banking and Finance	25/07/2017

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Short term job oriented training Advance Tools and Techniques in Biological Sciences	10/07/2017	107
Training Program on Physiochemical Characterization of Biomaterials	10/01/2018	89
Short term course on LINUX	04/06/2018	20
Summer short term course on Metal casting	11/06/2018	46
Career Building Seminar	04/08/2017	93
Workshop on Personality Development	26/08/2017	112
Skill Development Program	09/09/2017	76
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	ME, CS, EE, AI, BT, BM and CE	494

MSc	BT, MB, BM and Maths	76
MCA	Computer Application	69
MBA	HR, Finance, Marketing and Agribusiness	71
MCom	Banking and Finance	33
Mtech	CS, Communication, AI, BT, BM and BI	135
BSc	Agriculture, BM, CS, IT, BT and Home Science	102
BBA	Business Administration	80
BCom	Banking and Finance	103
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The University has constituted a Committee of all Deans and Dean, Students Welfare Director IQAC to analyze the feedback obtained from different stakeholders. The feedback is analyzed on the suggestion made by all stakeholders with respect to quality of teaching, course curriculum, sports activities, cultural functions, pedagogy of the subjects and the level of satisfaction of the students from the teachers, administration including the management. Based on the feedback, the Vice Chancellor interacts with certain stakeholders about the outcome of the analysis and makes modifications or alterations in the recommendation of the Committee if required. Based on feedback from different stakeholders, the University took various decisions to enhance academic standards and improve the quality of teaching and workshops were conducted at the department level and the inputs received were documented and suggestions taken forward to be implemented in the BOS meetings. MOUs/Agreements were signed with Universities and reputed institutions to enrich research experience and facilitate faculty and student exchange program in India and abroad. Enhanced research activities by conducting Research methodology workshops, International Conference were organized. Students were encouraged to take up application projects. Entrepreneurial skills of the students were encouraged by providing Entrepreneurship as one of the specialization course for MBA students. Communication skills training, career action coaching management training, leadership training were given to the students which were suggested by the alumni of the University. Capacity building programs were organized for both teaching and non-teaching staff. University increased soft skill training focused more on participative games and team building. Invited resource persons from industries were made to address the students to give more exposure on industry awareness. Intensive training on aptitude training was planned for the next academic year. Thus the feedback given by the stakeholders were analyzed</p>

and suitable action was taken as per the expectations of students, faculty and employers.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CSE, ME, BT, BM, AI, EC and BI	300	595	203

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	2037	480	39	29	99

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
145	138	15	55	5	19

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

To fill the gap between teachers and students, mentor mentees system makes a bridge to enhance the performance of students along with to minimize the dropout rate and encourage the students to make them advanced learner. Each faculty members is assigned a certain number of students as mentor who regularly interacts with them and their parents. The mentor is also responsible to interact with other faculty members and the administration to sort out their day-to-day academic and administrative problems. The mentor also gives the feedback to the Proctor and Dean, Students Welfare in case of any help required by them. Our goal in creating this system is to provide a resource for faculty members to improve their relationships with their students and their effectiveness in working with them. The students are offered counseling sessions through our specialized Counsellors as well as mentors allotted by the University. These mentors and counsellors are responsible for academic counselling and psychological counselling respectively. Majorly counselling is offered in two core areas: career and personal. These mentors are allotted for different purposes like summer internship projects, major research projects, seminar presentations, class coordinators, activity and event coordination. This is to help the students in grooming and holistic development of their personalities. The areas in which counselling is done are as follows. 1. Summer internship project- Mentors help mentees with topic selection, guidance related to industry selection, help with the project write-up and these students are regularly required to update mentors about the progress of projects in the industry. They keep in touch with mentors either with mail or telephonic updates. 2. Major Research Project – In this project also mentors help mentees to select topics for the research. Mentor guide at every step like writing of synopsis, questionnaire designing, data analysis, and final submission of the report. 3. Seminar presentation: Mentor allot topics for the seminar presentation and help students to

complete their write-ups and help prepare for presentation in a creative way. Mentor maintains all the records related to their mentees in Mentee Information Form along with their performance (e.g. attendance records, weekly test marks, midterm marks etc.) so that he/she can guide them or counsel them accordingly. If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher to arrange remedial classes. This system is adapted for the value additions to the students, such as:
 Bridging the gap between the teachers and students, Creation of a better environment in University for both educational and personal guidance, Enhancement of knowledge base for both teachers and students alike, due to effective two-way communication, Awareness and support to students for all the competitive examinations, Motivation for higher studies and entrepreneurship, Advice and support for improvement in academic performance. 4. Morale enhancing for interviews: Major concern of students related to placements deal with job interviews and group discussions. Our counsellors/mentors help them prepare for the same. Finally, both mentee and mentor may redefine their

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2517	145	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
150	145	5	9	44

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Ms. Beena Rawat	Assistant Professor	Young Scientist Award, National conference on Emerging Trends in Agriculture at Science and its impact on sustainable Livelihood
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	XX	1st, 3rd, 5th, 7th	11/01/2018	18/01/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
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1	2517	0.04
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2.6 – Student Performance and Learning Outcomes

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

<https://www.shobhituniversity.ac.in/pdf/naac/SU-PEOs-POs.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
XX	BTech	CS, ME, AI,EE, BT,BM and CE	80	76	95

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2.7 – Student Satisfaction Survey

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

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-SSS-2017-18.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Snigdha Tiwari	Training course on "Integrated Pest Management of Tropical Crops for Developing Countries"	28/06/2018	CATAS, Hainan, China

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

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	730	UGC
SRF	1095	DST and UGC
Research Associate	365	Shobhit Institute of Engineering and Technology (Deemed to be University)

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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1095	MSME	80	18.39
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Hands on Training and Workshop on Applications of Therapeutic Devices in Bioengineering and Sciences	School of Biological Engineering and Life Science	10/10/2017
Workshop on Electronic Security and Fire Systems	School of Engineering and Technology	13/10/2017
Future Agritech Summit: Digitization Business of Agriculture, 2017	School of Biological Engineering and Life Science	13/10/2017
Symposium on 'Biological clock and its importance for Indian Lifestyle'	School of Biological Engineering and Life Science	14/10/2017
Financial Education and Awareness programme	School of Business Studies	13/12/2017
Training Program on Physiochemical Characterization of Biomaterials.	School of Biological Engineering and Life Science	10/01/2018
Organized visit of the students at ICAR- Central Potato Research Institute Regional Station, Modipuram, Meerut (UP) on the occasion of "National Potato Day" on	School of Biological Engineering and Life Science	15/02/2018
Workshop on PSSE PSS SINCAL	School of Engineering and Technology	22/02/2018
Budget Conclave 2018	School of Business Studies	22/02/2018
Be Your Own Doctor: Workshop	School of Biological Engineering and Life Science	27/03/2018
Technical seminar on Basics of Mechanical Engg.	School of Engineering and Technology	29/06/2018
Workshop on 3D Printing	School of Engineering and Technology	22/11/2017

Seminar on "Agriculture Technology and Environment"	School of Biological Engineering and Life Science	24/02/2018
Workshop on Management Education	School of Business Studies	27/02/2018
Training programme in TBI to make carbon from bagasse	TBI Center	17/06/2018
Application Advance Tools and Techniques in Biological Sciences	School of Biological Engineering and Life Science	10/07/2017
Workshop on Personality Development	School of Engineering and Technology	26/08/2017
Career Building Seminar	School of Engineering and Technology	04/08/2017
Skill Development Programme	School of Engineering and Technology	09/09/2017
Open Source Learning Session on "Analysis of Production and Distribution Channel of Lay's"	School of Business Studies	15/09/2017
Educational visit to Sardar Vallabh bhai Patel University of Ag Tech, Meerut	School of Biological Engineering and Life Science	26/09/2017
Workshop on MATLAB and IOT	School of Engineering and Technology	28/09/2017
Fair and Agro-Industrial Exhibition: "Kisan Mela", Sardar Vallabh bhai Patel University of Ag Tech, Meerut	School of Biological Engineering and Life Science	07/10/2017
Workshop on Revit and Bridge design	School of Engineering and Technology	09/10/2017

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
40 Best Law Colleges in India by India Today ASPIRE. (January 2018 issue)	Shobhit Institute of Engineering and Technology	India Today ASPIRE. (January 2018 issue)	25/01/2018	Institution
Top 150 Engineering Institutions of India in overall	Shobhit Institute of Engineering and Technology	Times of India	21/05/2018	Institution

category				
Top 150 Private Engineering Colleges of India	Shobhit Institute of Engineering and Technology	The Week-Hansa Research Survey, 2018	02/06/2018	Institution
Ranked 7th in Indias Top Law Schools	Shobhit Institute of Engineering and Technology	Competition Success Review-GHRDC Law Schools Survey 2018	01/06/2018	Institution
CSR Top Institutes of India Award 2018	Shobhit Institute of Engineering and Technology	Competition Success Review.	07/05/2018	Institution
National Education Excellence Awards 2018 : Best University for Promoting Industry Academia Interface	Shobhit Institute of Engineering and Technology	The Associated Chambers of Commerce of India (ASSOCHAM) India	17/02/2018	Institution
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Shobhit University, Meerut	Technology Business Incubator	MSME-ASPIRE	Technology Business Incubator	Entrepreneur Development Tool	22/07/2017
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Computer Science and Engineering	2
Department of Biomedical Engineering	1
Department of Business and Management Studies	8
Department of Electronics and Communication Engineering	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE, ME, ECE,BT,BM, Basic and Applied	104	1.64

Sciences, MBA, AG
and Law

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

Department	Number of Publication
CSE, ME, ECE,BT,BM, Basic and Applied Sciences, MBA, AG and Law	178

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Nil	0	01/01/2017

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
MalaxisM uscifera (Jeevak): Highly Therpeutic and endangered orchid	Richa Raturi and RG Singhal	Journal of Ayurveda and integr ative medicines (Elsevier)	2017	0.97	Shobhit Institute of Enginee ring Technology	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A macros copic filtration model for natural convection in a Darcy Maxwell nanofluid saturated porous layer with no nanoparticle flux at the boundary	Jaimala, Reema Singh and Vipin Kumar Tyagi	Internat ional Journal of Heat and Mass Transfer	2017	153	7	Shobhit Institute of Enginee ring Technology

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	90	10	8
Presented papers	10	50	12	10
Resource persons	5	10	12	22

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Electronics and Communication Engineering	Electronic Security and Fire Systems	Shobhit Institute of Engineering and Technology	10800
Department of Biotechnology	Symposium on Biological Clock	Shobhit Institute of Engineering and Technology	25500

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Department of Computer Science and Engineering	Short term course on LINUX	Training	20000	20
Hands on Training and Workshop on Therapeutic Devices in Bio-Engineering and Sciences	Short term job-oriented summer training on "Tools and Techniques in Biotechnology"	Training	14340	28
Department of Mechanical Engineering	Short term job-oriented summer training on Metal Casting	Training	24600	46
Department of Electronics and Communication	Electronic Security and Fire Systems	Hands on Training	10800	54

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation Drive	Shobhit Institute of Engineering and Technology (Deemed to be University)	8	97
Cleanliness Drive	Shobhit Institute of Engineering and Technology (Deemed to be University)	96	236
Yoga Week	Shobhit Institute of Engineering and Technology (Deemed to be University)	4	354
Legal Literacy Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	12	25
Health Check-up Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	5	35
Blood Donation Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	8	147
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Recognition	Blood Rotatory Bank	147
Health Check-up Camp	Recognition	Indra Singh Maithana Village, Meerut, U.P.	65
Cleanliness Drive	Recognition	Indra Singh Maithana Village, Meerut, U.P.	35
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen- cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swacch Bharat Abhiyan	Shobhit Institute of	Cleaning of local premises	96	236

	Engineering and Technology (Deemed to be University)			
Yoga camp	School of Education, Shobhit Institute of Engineering and Technology (Deemed to be University)	Organised for University employees and local people	4	354
Plantation	District Forest Office Department	Plantation on World Environment Day	8	97
Health Check-up Camp	School of Biological Engineering and Life Sciences	Health Check-up Camp	5	35
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research activity at Nuclear Physics Division, BAARC, Mumbai	Dr. R. K. Jain	Shobhit Institute of Engineering and Technology (Deemed to be University)	12
Effect of inductive Electromagnetic Stimulation on Induced Osteoporosis, AIIMS, NEW DELHI	Dr. Jayanand	Shobhit Institute of Engineering and Technology (Deemed to be University)	30
Independence Analysis of Rudraksha, Physics Dept., Punjab University, Chandigarh	Ms. Shiva Sharma	Shobhit Institute of Engineering and Technology (Deemed to be University)	7
Lab. Visit in Environmental Science Department, JNU, New Delhi	Ms. Beena Rawat	Shobhit Institute of Engineering and Technology (Deemed to be University)	1
Lab. Visit in Agriculture Chemistry Department, SWATS, Allahabad, U.P.	Dr. Jyoti Sharma	Shobhit Institute of Engineering and Technology (Deemed to be University)	7
XRD Analysis of Rudraksha Nano-Particles, Physics	Ms Anvesha Sharma	Shobhit Institute of Engineering and Technology (Deemed	7

Dept.,CIL Lab., Punjab University, Chandigarh		to be University)	
Testing of SSNTD by using U.V. and X- Rays,High Energy Physics Lab., BHU , Varanasi, U.P.	Dr. R. K. Jain	Shobhit Institute of Engineering and Technology (Deemed to be University)	7
View File			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academia- Industry col laboration	Internship	Internshala	12/01/2018	30/06/2018	78
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
M/S Anand Triplex Board Ltd, Meerut	24/11/2017	To work together for enhancement of research and academic activities through Technical Business Incubator(TBI) Project under ASPIRE Scheme.	8
Scholiverse Educare Pvt. Ltd., Nivana Country, Sector-50, Haryana	18/01/2018	To provide free students accounts and lifetime membership, internship updates, online webinar on internship preparation as well as online resume maker and keep the student's details confidential.	Nil
Western Sydney University, Sydney Australia	12/04/2018	To provide a framework by which the universities may undertake joint activities	Nil

		together, which may include: development of collaborative research projects organization of joint academic and scientific activities, such as courses, conferences	
AP Infoy,Finland	05/06/2018	To provide a framework by which the parties may in future undertake joint activities on development of collaborative research program	Nil
Shri Devshri Medicare Pvt. Ltd.	05/04/2018	To provide treatments, medical checkups, free ambulance facility etc to the patients referred by the authorized representative of the University	Nil
Internshala	12/01/2018	To provide Internship to students	78
BMW India	28/06/2018	To Provide Training to students and teachers under Skill Next Initiative	11
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
315	312.84

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing

Seminar halls with ICT facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Koha Software	Fully	Core-11	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	41917	20530194	1175	430643	43092	20960837
Reference Books	6585	3292500	273	136500	6858	3429000
Journals	156	156000	28	28000	184	184000
CD & Video	1303	6515	36	180	1339	6695
e-Books	4649000	290306	4500000	100300	9149000	390606
e-Journals	45006546	149500	4500000	150040	49506546	299540
Library Automation	1	89768	Nil	17700	1	107468

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. R.P. Agarwal and Mr. Ganesh Gupta	Wireless Communication and Computing	MOODLE	24/07/2017

[View File](#)

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	520	10	520	4	7	40	13	1024	141
Added	30	0	30	0	0	0	0	0	9
Total	550	10	550	4	7	40	13	1024	150

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

1024 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Handycam, Scanner, Internet, Wi-Fi etc.	https://www.flickr.com/photos/nanotcon-18/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
20	17.39	22	21.25

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

The University ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of committees constituted for this purpose and utilizing the grants accordingly. The University constitutes a committee that oversees the maintenance of buildings, classrooms and laboratories. The Supervisor is accountable to the Registrar and functions as the coordinator who efficiently organizes the workforce, maintaining duty files, timings, leave etc. The maintenance officer conducts periodic checks to ensure the working condition of the infrastructure. Classrooms, Staffrooms, Seminar halls, and Washrooms etc. are cleaned and maintained regularly by non-teaching staff. Dustbins are placed at every floor. The Green Cover of the campus is well maintained by a fulltime gardener. Laboratory Lab technicians maintain the records which are supervised by HODs of the concerned departments. Other measures are as follows: • The lab equipment's are periodically calibrated, and maintained by the technicians of concerned enterprises. • There is systematic disposal of waste of all types such as biodegradable chemical/chemical and waste. Each department prepares the list of required books and the finalized list is duly approved and signed by the Principal. LAN facility is available in the library and computers are upgraded with the recent software. • Library has procedure for procurement audit and disposal of books Policies are in place for issue library membership, inter library exchange, issue and return and up gradation of facilities. The library committee of the University is constituted for smooth functioning of the library. It is mandatory to return the books in due amount of time. • Sports: Sport incharge for the maintenance of the sports club. The playground and courts are maintained as per prescribed norms. • Computers Centralized computer laboratory are available and are maintained through AMC regularly and no repairable systems are disposed off. The University has adequate number of the computers with internet connections and the utility software is distributed in different locale like office, laboratories, library, departments etc. • The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the nongovernmental organizations for conducting the exams. The classrooms are cleaned twice in a day for the hygiene purpose. Any issue related to civil repairs, electric repairs etc. is brought

into the notice of the registrar who then allocates the work to the appropriate person. University Mission has its own workshop where the machines can repair without any charges. • Parking facility is well organized. The campus maintenance is monitored through surveillance Cameras. Every department maintains a stock register which is inspected and verified at the end of every semester. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. • Water Cleaning Facility: The RO filtered drinking water facility is available on every floor. The water tanks are cleaned every week to ensure purity while the water filter kits are maintained on regular basis to ensure

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-Procedures-policies-17-18.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Meritorious Scholarship	135	2700000
Financial Support from Other Sources			
a) National	Govt. Scholarship (UP and Bihar)	37	658709
b) International	Nil	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Activity based on Presentation Skills	25/06/2018	156	Shobhit Institute of Engineering and Technology (Deemed to be University)
Be Your Own Doctor	27/03/2018	115	Shobhit Institute of Engineering and Technology (Deemed to be University)
Financial Education and Awareness programme	13/12/2017	54	Shobhit Institute of Engineering and Technology (Deemed to be University)
Dainik Dincharya	08/12/2017	57	Shobhit Institute of Engineering and Technology (Deemed to be University)
Skill Development Program	09/09/2017	76	Shobhit Institute of Engineering and Technology (Deemed to be University)
Workshop on Personality	26/08/2017	112	Shobhit Institute of Engineering and

Development			Technology (Deemed to be University)
Orientation programme	21/08/2017	308	Shobhit Institute of Engineering and Technology (Deemed to be University)
Career Building Seminar	04/08/2017	93	Shobhit Institute of Engineering and Technology (Deemed to be University)
Yoga week	15/06/2018	354	Shobhit Institute of Engineering and Technology (Deemed to be University)

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Career Counseling and University Training and development cell	41	274	2	83

[View File](#)

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Choice Chemtech Pvt.Ltd.	32	5	DISHNET WIRELESS LTD	2	1

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
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	enrolling into higher education				admitted to
2017	1	B.Tech.	Department of Bio-Technology	University of Adelaide, Australia	Masters of Science
2017	1	B.B.A.	Department of Business and Management Studies	Pacific Institute of Management, Udaipur	M.B.A
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	21
GATE	4
NET	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
National Body Building and Fitness Competition	National Level Competition	76
Scout Guide Camp	Annual	74
Sangeetam Cultural Fest	Annual	611
Farewell Party	Annual	254
Freshers Party	Annual	153
Independence Day Celebration	Annual	268
Republic Day Celebration	Annual	283
Dandiya Night Celebration	cultural programme	314
SPIC MACAY	cultural programme	197
Annual Sports Meet	Annual	556
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Bronze Medal in Weight Lifting	Internat ional	1	Nil	MRT18PGL LM2006	Kavita Kumari

2017	Miss Asia 2017	International	1	Nil	MRT17PGD Y014	Sanjana Dhalak
2017	Miss North India	National	1	Nil	MRT17PGD Y014	Sanjana Dhalak
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Adequate number of students representatives are included in Committees which are concerned with the welfare of the students like- sports, games, cultural, mess, hostel and disciplinary committees. The selection of the students is based on nomination by students themselves with a condition that the nominated student must have more than 85 attendance and should have minimum B grade. The University promotes value-based education for inculcating social responsibility and good citizenry amongst its student community. The University has the required infrastructure and promotes active participation of the students in social, cultural and leisure activities. Encouraging students' participation in activities facilitates developing various skills and competencies and foster holistic development. The University ensures overall development of students, and for that reason the university provides all facilities for sports and recreation. Such facilities improve the quality of life on campus for the entire community strengthen ties between and among students, faculty and staff provide opportunities for participation in sport clubs, recreational fitness and wellness programs and informal recreation help reduce the stress experienced by those who live, work and study in the university and improve the health and well-being of the campus community. The University is having an indoor stadium with facilities like squash court, fitness centre cum gymnasium, TT room, Badminton Courts. For outdoor game lovers facilities like Basketball court, football ground, cricket pitch, throw ball and handball courts are available. Students are also encouraged to join morning yoga sessions. Every year a sports week is celebrated where students from other institutes are also invited to compete with University students. All indoor facilities are provided on Babu Vijendra Indoor Stadium Block. A number of literary and social activities also take place on the campus, University's Annual Fest SANGEETAM is one of the biggest cultural events on the campus every year. In addition, music, dance and other events through Spic Macay are organized regularly. Students are involved in various activities through several clubs/committees viz. sports Health club, Electronics club, Cultural Heritage Club, Creative activity Club, Yoga Club, Computer Club, Spic Macay, Literacy Club, Fine Arts Club, Bio-Cosmo Club. Hostel Administration Students provide strong support in the administration and management of hostel affairs. Each hostel has student representatives for Mess Committee, Cultural Committee, Sports Committee and Cleanliness Committee. Students manage the entire functioning of the cooperative mess and organize extra-curricular events and competitions throughout the year. Students organize and celebrate various National festivals, Teachers day etc. every year. The University makes efforts to ensure that the students participate in a democratic manner and work in tandem with the academic and administrative bodies of the University. The Dean of Students Welfare (DSW) Office also looks into the requirements and needs of the students. By directly engaging with the students and encouraging them to discuss their problems relating to various aspects of the University and hostel facilities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

3315

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

59000

5.4.4 – Meetings/activities organized by Alumni Association :

The University has a strong bondage with Alumni - which enabled regular alumni interaction and participation of alumni in the activities of the University. Regular interactive sessions of alumni with current students are arranged to motivate them to sharpen their career. The alumni also help the students in training and placements including for preparations for interviews. Regular lectures of alumni working in top industries are conducted to facilitate their networking with the industries. The alumni also keep on posting the vacancies in their knowledge for the benefit of the students. Many Alumni have participated in various activities of the University since then. Alumni are the brand ambassadors of an institution, carrying their core values of excellence, lifelong learning of inclusiveness and diversity all around the world. The ethos and character of the institutions are expressed into their professional and social life style. Alumni play a crucial role not only in spreading the name of the institution but also raise the quality of the institution that they hail from. They can provide sustainability to the parent institutions through both by imparting training in innovative skills to their Alma mater and by extra mural funding which are so necessary for the growth and development of any modern institution. Regular meetings of Alumni association are held to interact with them. The University forged strong bondage with alumni - which enabled regular alumni interaction and participation of alumni in the activities of the University. Many Alumni have participated in various activities of the University since then. Alumni meet was held on 13th May 2018 at Shobhit University campus. 128 Alumni attended the meet. Alumnus have been placed Pan India and abroad also. They keep on visiting University as and when they get time to cherish their memories. Alumnus are called for Extra Mural Lectures, judging the events, during Personality Development sessions etc. This will definitely help Current students in better placements too.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Participatory management is the common factor of administrative ease with which task-fulfillment is ensured in the university. All activities pertaining to Administration, Admissions, Curriculum designing, Research, Sports, Cultural activities etc. need and therefore ensure effective participatory management of the university teachers, students and administrative staff. Besides, in various committees, teachers of all statuses are included. They all have equal opportunity to give their views and each committee discusses the matter under consideration as a team. The leadership in the university is provided by the Vice chancellor who believes in involving Professors, Associate Professors and Assistant Professors in the task management and goal-fulfillment.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
<p style="text-align: center;">Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>•Library is the nerve center of learning resources of any institution and it supports teaching, learning, research, academic and development programs. The Central library of the University is well stocked with wide range of books in all core, functional and applied areas of study. Leading journals both National and International, Newspapers, Current magazines etc. are subscribed regularly for a quick dissemination of information to students. Library is connected to other national libraries through e-Library facilities and connected to International Library Network. The database of the Virtual Library is repository of approximately 4,50,000 e-Books on different subjects. High speed internet connectivity and Wi-Fi facility with Reprography Section has been restructured. For security CCTV cameras have been installed. The facility is being used by the student community faculty, others associated with the University. •The Institute has good physical infrastructure for imparting education to the students. LCD projectors have been installed in classroom to facilitate classroom teaching. •Computer Lab is well equipped with computing resources to cater to the technological needs of the Institute•The Institute has a Sports room for recreational purpose of students and faculty.</p>
<p style="text-align: center;">Human Resource Management</p>	<p>•The institute is putting effort for managing human resource at different levels. •The faculty members are sponsored for attending seminars, conferences, quality initiative program and workshops twice in a year. Faculty encouraged to conduct training take consultancy and workshops. •Have transparent system to grievance handling for faculty and staff ensuring confidentiality and fair process. •Consider the requirements and suggestion of the faculty and staff to create welfare schemes. •Providing equal opportunity for employment and growth irrespective of gender,</p>

	religion, race, disabilities, etc
Industry Interaction / Collaboration	<ul style="list-style-type: none"> • Curriculum is designed in coordination and suggestions with Academia and Industry particularly in case of technical and professional programs. • Last semester of programs is dedicated to industrial training, On Job Training, Project Work, Exchange Programs and Interface with the Industry. • University collaborates with reputed Corporates and International Institutions. • Establishment of Corporate Training cell. • Field Visits / Industry visits for faculty and students. • Industry Personnel as representatives in BOS. • Research Centers in collaboration with industries.
Admission of Students	<ul style="list-style-type: none"> •The Admission Committee constituted for the purpose is entrusted with the task of monitoring the admission process. In case of UG programs, admission process is managed by the Institute and admission are made on the basis of merits Counselling • Students from all sections of society irrespective of caste, creed, class and gender are admitted thereby keeping to the objective of education for all. •For financial matters of the admission, all the payment process is also done online
Teaching and Learning	<ul style="list-style-type: none"> •Feedback from the stakeholders are incorporated in teaching-learning process. •Continuous up gradation of infrastructure and resources/ICT faculties. •Exposure through field work in teaching learning process •Promoting to use of ICT / equipment. •Maximum use of the ICT in teaching learning process. 6. Presentation, Discussion method, peered learning are applied in the class room teaching to make learning effective. •Faculty is encouraged to develop e-content. •Various orientation /seminars educational program/ symposia and conferences are organized by the institutions as per the course to equipped the students to get knowledge of the subject
Research and Development	<ul style="list-style-type: none"> •The University believes in continuous research and development of its intellectual capital. This is monitored with the help of the research committee which motivates the faculty

members to submit research projects to various funding agencies and renders adequate help in the preparation of project proposals. • Faculty members are also expected to conduct training programs and take up consultancy assignments for corporate houses. •The faculty members are sponsored for attending seminars, conferences, quality initiative program and workshops twice in a year. •The institute regularly organizes Conferences, Seminars Faculty Development programs, and academic forums to provide in-house facility to all the faculty members. •The University promote interdisciplinary research by holding regular meetings, lectures, interactions with faculties of different discipline •Young faculty is encouraged to collaborate with experienced mentors

Curriculum Development

• Stake Holder's Feedback, its analysis and flow back of information • Eminent people from industry, alumni, PG students, Research scholars, Employees, HODs of interdisciplinary program, form the constitution of the BOS. •Curriculum Revision In BOS •Choice Based credit(CBC) system is adopted by maximum department, that student can study what they prefer as per their interest •Application based project to students are given to acquaint with requirements of current situation through fast pace development in the knowledge of the subject concerned is provided. •Skill Based Learning: University introduce a variety of courses in order to enhance, environment, entrepreneurial as well as social skill based curriculum for the students The items recommended by the BOS is validated by the IQAC and sent back to the BOS for corrective actions, before approval of the Academic Council.

Examination and Evaluation

• Continuous Internal Assessment System is designed to give freedom to faculties to decide on their internal assessments. • Departmental Examination Committee decide nature of assessment like Quiz, MCQs, Field visits, mini projects, Team projects, Seminar, etc. • Academic Calendar is prepared with dates of Internal Assessment and End Term examinations. • The Office of the

COE has its own examination procedure manual which was drafted in consultation of VC, Registrar, and all Academic Heads. • All matters (except confidential matters) are being updated to the Deans/HoDs/Faculty Members through regular Office Notifications/Circulars/Orders. • Results are declared within Stipulated time of the last examination. •All the Main results/Notifications/Revaluation Results are made available on results Website

Library, ICT and Physical Infrastructure / Instrumentation

Library is the nerve center of learning resources of any institution and it supports teaching, learning, research, academic and development programs. The Central library of the University is well stocked with wide range of books in all core, functional and applied areas of study. Leading journals both National and International, Newspapers, Current magazines etc. are subscribed regularly for a quick dissemination of information to students. Library is connected to other national libraries through e-Library facilities and connected to International Library Network. The database of the Virtual Library is repository of approximately 90,00,000 e-Books on different subjects. High speed internet connectivity and Wi-Fi facility with Reprography Section has been restructured. For security CCTV cameras have been installed. The facility is being used by the student community faculty, others associated with the University. •The Institute has good physical infrastructure for imparting education to the students. LCD projectors have been installed in classroom to facilitate classroom teaching. •Computer Lab is well equipped with computing resources to cater to the technological needs of the Institute •The Institute has a Sports room for recreational purpose of students and faculty.

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

E-governance area	Details
Administration	For management of administrative related details.
Examination	For examination of students.

Finance and Accounts	Management of all finance and account details.
Student Admission and Support	For support of Student Admission and Support.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Dr.Niraj Singhal	Faculty Development Program	Center for Education Growth and Research	10000
2017	Mr. Aniket Kumar	IEEE NANOfIN Conference	IEEE (GBU Chapter)	3500
2018	Dr. R. K. Jain	BMMN, Munjal University	Nil	2120

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Workshop	Be Your Own Doctor	27/03/2018	27/03/2018	56	21
2017	Workshop	Dainik Dincharya	08/12/2017	08/12/2017	82	27

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
National Conference on Nanoscience and Technologies in Digital India (NANOTCON-18) organized by Shobhit University, Meerut	72	27/04/2018	28/04/2018	2

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
145	137	74	71

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>The University provides welfare facilities to its employees to keep their motivation levels high. The welfare schemes available for teaching staff in the University are as follows: a) Free of cost health checkups and medication in health center. b) Provision of financial assistance for health related emergencies. c) Provision of maternity leave to female employees and paternity leave to male employees as per university norms. d) Provision of advance salary in case of emergency Situations e) Provision of required facilities to the family of a University employee who dies while in service. f) Provision of Professional training sponsorships. g) Financial assistance to the Teachers of the University for attending the National/International Conferences/Seminars. h) Subsidized canteen/cafeteria facility. i) Internet/Wi-Fi facility to all the Staff. j) Other facilities such as University Residences, Timely promotions, Salary through Bank, Indoor/Outdoor Sports Facility, Mobile Allowance etc. k)</p>	<p>The University provides welfare facilities to its employees to keep their motivation levels high. The welfare schemes available for teaching staff in the University are as follows: a) Free of cost health checkups and medication in health center. b) Provision of financial assistance for health related emergencies. c) Provision of maternity leave to female employees and paternity leave to male employees as per university norms. d) Provision of advance salary in case of emergency Situations e) Provision of required facilities to the family of a University employee who dies while in service. f) Provision of Professional training sponsorships. g) Financial assistance to the Teachers of the University for attending the National/International Conferences/Seminars. h) Subsidized canteen/cafeteria facility. i) Internet/Wi-Fi facility to all the Staff. j) Other facilities such as University Residences, Timely promotions, Salary through Bank, Indoor/Outdoor Sports Facility, Mobile Allowance etc. k)</p>	<p>The University provides welfare facilities to its employees to keep their motivation levels high. The welfare schemes available for teaching staff in the University are as follows: a) Free of cost health checkups and medication in health center. b) Provision of financial assistance for health related emergencies. c) Provision of maternity leave to female employees and paternity leave to male employees as per university norms. d) Provision of advance salary in case of emergency Situations e) Provision of required facilities to the family of a University employee who dies while in service. f) Provision of Professional training sponsorships. g) Financial assistance to the Teachers of the University for attending the National/International Conferences/Seminars. h) Subsidized canteen/cafeteria facility. i) Internet/Wi-Fi facility to all the Staff. j) Other facilities such as University Residences, Timely promotions, Salary through Bank, Indoor/Outdoor Sports Facility, Mobile Allowance etc. k)</p>

Facilities for
Qualification enhancement
Capacity Building within
or outside the Country 1)
1) Support for research
activities at all levels
viz. research facilities,
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center. c) Provision of
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health related
emergencies. d) Provision
of maternity leave to
female employees and
paternity leave to male
employees as per
university norms. e)
Provision of advance
salary f) Provision of
required facilities to
the family of a
University employee who
dies while in service. g)
Provision of Skill up
gradation sponsorships.
h) Internet/Wi-Fi
facility to all the
Staff. i) Other
facilities such as
University Residences,
Timely promotions, Salary
through Bank,
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Facility, Mobile
Allowance etc. j)
Sponsorship for the
education of their wards
The University offers

Facilities for
Qualification enhancement
Capacity Building within
or outside the Country 1)
1) Support for research
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Provident Fund and Group
Insurance Scheme for the
employees. b) Free of
cost health checkups and
medication in health
center. c) Provision of
financial assistance for
health related
emergencies. d) Provision
of maternity leave to
female employees and
paternity leave to male
employees as per
university norms. e)
Provision of advance
salary f) Provision of
required facilities to
the family of a
University employee who
dies while in service. g)
Provision of Skill up
gradation sponsorships.
h) Internet/Wi-Fi
facility to all the
Staff. i) Other
facilities such as
University Residences,
Timely promotions, Salary
through Bank,
Indoor/Outdoor Sports
Facility, Mobile
Allowance etc. j)
Sponsorship for the
education of their wards
The University offers

many welfare schemes to the students to support them during their academics

a) Academic Merit Based Scholarship • 75 - 80 marks in qualifying exam: Equal to 25 of Tuition Fee • 81 - 85 marks in qualifying exam: Equal to 50 of Tuition Fee • 86 - 90 marks in qualifying exam: Equal to 75 of Tuition Fee • > 90 marks in qualifying exam: Equal to 100 of Tuition Fee

b) Babu Vijendra Shourya Samman Scholarships For the wards of great Martyrs in uniform: Equal to 100 of Tuition Fee.

c) Adarsh Vidyadhan Scholarships For Girl Candidates: Equal to 20 of Tuition Fee.

d) National Integration Scholarships For Students from North East states, JK and Ladakh regions equal to 20 of Tuition Fee.

e.) Spor

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e.) Spor

6.4 – Financial Management and Resource Mobilization

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

Internal Audit The team of Qualified Internal Auditors conducts a thorough check and verification of all financial transactions with the supporting documents and approval of proper authority for each transaction. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. On such verification, any error or omission and commission, pointed out by the audit team are immediately corrected /rectified and precautionary steps are taken to avoid recurrence of such errors in future. Thereafter, the financial transactions are accounted in Tally.

B. External Audit All the financial transactions of the University are audited by a Chartered Accountant Firm. The external Audit is conducted in accordance with the Auditing standards as per the provisions of the Government rules and regulations.

Audit procedures:

- Source of income verification: • cross-verify the fee collections with approved list of students as per approved fee structure of the University.
- other incomes are cross verified with the Receipts issued.
- grants received, if any

Expenses Vouching:

- Auditor vouches payment with the approved supporting.
- Correctness of Classification Revenue and Capital Expenditure.
- Reconciliation of bank accounts and checking the bank confirmations.
- Salary payments with the Salary Statement Sheet
- Checking of statutory dues payment like TDS, Professional Tax and PF before the due dates.
- Calculation of depreciation of fixed assets.
- Any other statutory compliance verification required as per Income Tax Act.
- "Audit Report" is prepared by the Statutory Auditors on the basis of signed Income Expenditure Statement and Balance Sheet

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Shobhit Institute of Engineering and Technology	10000	In-House Project Development
View File		

6.4.3 – Total corpus fund generated

2425000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

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

Not applicable.

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

The University regularly interacts with the parents of students to know their views about the academic activities and overall development of their wards. 1. Parents Teacher Meeting, 2. Calling on Regular Basis 3. Attendance and Performance of the students discussed with the parents through phone and emails 4. Feedback from parents. 5. The interaction with the parents facilitate the teachers to sort out the problems of the students 6. Some parents are very supportive in helping the students in selection of their training places
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6.5.4 – Development programmes for support staff (at least three)

Conferences / Seminars, Internet Facility, Bank facility, Sports and Recreation Facilities etc.

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

Conferences / Seminars, Internet Facility, Bank facility, Sports and Recreation Facilities etc.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Workshop on	26/08/2017	26/08/2017	26/08/2017	112

2018	Nil	1	07/04/2018	1	Health checkup Camp	Health and Fitness	45
2018	Nil	1	27/03/2018	1	Be Your Own Doctor	Health and Fitness	115
2018	1	1	24/11/2017	1	M/S Anand Triplex Board Ltd, Meerut	To work together for enhancement of research and academic activities through Technical Business Incubator (TBI) Project under ASPIRE Scheme.	10
2018	1	1	12/01/2018	1	Interns hala	To provide Internship to students	78
2018	1	1	28/06/2018	1	BMW India	To Provide Training to students and teachers under Skill Next Initiative	11

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Turning Intellect into empowerment	01/07/2017	Students of the University must study the Standing Orders carefully and also make themselves familiar with these instructions, pertaining to their academic, co-curricular and other activities. Any amendments/additions to these Standing Orders will be notified through

notices displayed on notice boards and circulated in the usual manner. The plea of ignorance will not be entertained for any breach of orders in force from time to time. Students must see the notices on the Notice Boards/ Website regularly. Any complaint within the jurisdiction of the concerned section will be dealt-with by the Officer In-charge of the section.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Health Check-Up Camp	07/04/2018	07/04/2018	375
Blood Donation Camp	08/02/2018	08/02/2018	155
Be Your Own Doctor	27/03/2018	27/03/2018	115

[View File](#)

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

• **Energy conservation:** Entire lighting system in the campus is supportive of energy conservation. Implementing energy saving techniques is ensured that the lights and fans are switched off after completion of the last lecture of the day. Electronic equipment are turned off when not in use. For reducing the energy consumption sharing of equipment is encouraged. CFL/LED Bulbs are used instead of conventional bulbs. Classrooms are made with sufficient cross ventilation and light so that the use of electricity can be minimized. • **Use of renewable energy:** The stand-alone 100 KW Solar Energy Plant has been installed in the university campus, which is one of the largest in western Uttar Pradesh. The Solar Plant takes care of almost entire need of electric needs of the university. **Water harvesting and Check dam construction:** The landscaping on the university campus is such that no rain water is wasted. The campus landscaping by itself makes small watersheds with grassed waterways on the ground. • **Efforts for Carbon neutrality:** Pro-active measures have been taken to ensure that the emissions from the vehicles is not much, in that the campus is vehicle- neutral. All vehicles coming to the campus are compulsorily parked near the gate beyond which they do not go unless required for loading or de-loading purpose. All furnaces and stoves inside the Mess are kept clean to avoid black smoke. As standby arrangements, the University has electric generators with permitted levels of emissions. • **Plantation:** The University was raised over the fallow land where there were no trees earlier. The university campus was given a cover of fertile soil and it is made totally green with grass, shrubs, bushes, hedges and trees now. All students, staff and teachers engage themselves with the local population in the peripheral area for planting trees during the Van Mahotsav days in the Monsoon. All ceremonies pertaining to Convocation, National Seminars, Awards or Sports festival etc., begin with planting of a tree by the Chief Guest. As a result, the campus is dotted with

such trees. Grassed waterways in the landscaping provides a natural watershed during the rains and water is all absorbed • Use of plastic banned Plastic bags never degrade completely, which shows that as more of them are produced by companies, more are introduced into the environment. Therefore, the more the amount of plastic bags, the more there is plastic pollution and its effects. Banning the use of plastic bags will help reduce this great effect. • Swachh Bharat Abhiyan another initiatives for Clean Campus Green campus • Separate Dustbins have been placed for collecting Bio-Degradable and Non-Bio-Degradable wastes.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

PRACTICE I One full semester Industry Engagement Initiative -Lack of industry engagement in Higher Education Sector has been sighted as one of the key reasons for outdated curriculums, irrelevant research initiatives, inappropriate training and mentoring of students and faculty etc. Young Engineers Internship Program Objectives of the Practice: a. Objective/Intended Outcome: To enrich budding engineers with the Industry exposure through one full semester mandatory Internship program for making them productive and skill oriented b. Underlying Principles / Concepts: The University stands for going beyond the established standards and nurtures technocrats and managers so that they have a global vision and insight in their chosen fields and are globally employable in emerging areas with special focus on today's requirements of the industry. Hence, one full semester Internship program has been incorporated in the Curriculum of B. Tech. Engineering Disciplines. The Final Semester Students are made available for internship with the Industry for a semester of 6 months starting from January onwards. Disciplines includes for Internship are: Electronics Communication, Computer Science, Mechanical, Mechatronics, Biotechnology, Bio-informatics and Bio-medical engineering. Industry Internship has Credits. This internship is not like summer training or training during semester vacation. The University encourages "student internship" to narrow down the Industry-Academia gap. Constraints / Limitations: Industry feels that "Students" are raw talent and training them to be productive is a Challenge to them. For such training the industries have to incur huge expenses without productivity that leads to reduction of their gross profits. As Meerut is the emerging "Hub of Higher Education", there is a challenge to have Industry Internship in the Industries available in the Meerut City. There is a "demand-side" constraint witnessed by the Educational Institutions. This expenditure made by industries on training of the newly appointed candidates can be reduced by adopting our University model and there will be Win-Win situation. Hence the Mission is "Encourage Student internships" and if they are good during the Internship, let the Industry pick up them for employment subsequently. **PRACTICE II:** The University has continuous evaluation system which is based on extensive assessment and evaluation of the students through various seminars, quizzes, tests, assignments, group discussions, creative work like modeling, project preparation and their active involvement in social work. The entire evaluation is divided into 60 internal and 40 external. The internal evaluation is further divided into 20 20 20 and the teacher teaching the subject is responsible for the evaluation. The answer sheets are shown to the students after evaluation with the remarks of the evaluators for their further improvement. The student can compare his/her markings / evaluation parameters with other examinee and may represent his/her case if there are any discrepancies. Thus, totally transparent and continuous evaluation based examination is followed by the University as one of the best practices.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

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

After becoming a Deemed-to-be University, the university introduced innovative and interdisciplinary Post-Graduate programs in the niche areas of Agri-Informatics, Bio-Informatics and Bio-Medical Engineering. Apart from facilitating post-graduate education program in a manner that all students have opportunities to access several disciplines in all knowledge areas, the university also has vibrant research areas, not oriented towards any particular department, but built around thematic concerns. This has enabled researchers from several disciplines to work together and share knowledge and information. As the identified areas by the university have recently emerged as compared to many other established fields and core educational programs, therefore, at this juncture these emerging areas are highly interdisciplinary, which are influenced by and overlapped with computer science, electronics, biotechnology, and management disciplines. Consequently, in accordance with UGC guidelines that the deemed-to be University should have among its primary objectives Post-Graduate instruction and training in such branches of learning as it may deemed fit, and research for the advancement and dissemination of knowledge the university strategically started and proposed other several innovative and interdisciplinary programs also so as to supplement the scientific requirements of the chosen emerging areas. The University is constantly striving and progressing to achieve excellence in academic and research fields. The University has identified a number of thrust areas, relevant to the geographical location, which are of social relevance. The University focused on high priority areas of life sciences as per the need of locality. In and around Meerut division, farmers grow sugarcane which has bagasse and molasses as its raw material. The University is focusing on the conversion of these raw materials into value added products to improve farmers income. The students are trained for preparation of activated charcoal from sugarcane bagasse which can be used in various filtration processes including drinking water and partial purification of industrial effluents. Mushroom cultivation and bio-compositing shall also be introduced in course curriculum besides the cultivation of flowering plants to increase farmers income and to motivate them for diversified agriculture.

Provide the weblink of the institution

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-7-3-1-2017-18.pdf>

8.Future Plans of Actions for Next Academic Year

The University has planned to focus on increased academic activities like organization of seminars, conferences of national and international level to create greater awareness amongst the students and the faculty members. The faculty members shall be motivated to increase the use of ICT facilities for giving lectures. Add-on-courses are planned to be introduced from next year so that the students may get more opportunities to study inter-departmental courses. The examination system also needs to be modified as per the students feedback. More and greater emphasis on project based learning and practical based classes is proposed for the next year. The University plans to create more facilities for sports and games and cultural activities. To further improve the communication skills of the students, class seminars in each course paper shall be made mandatory. The students shall be motivated for creative projects and interaction with industries during the short festival breaks / winter breaks. The University plans for joint collaboration with other universities for inter-disciplinary research. University encourages interdisciplinary research work and encourages

faculty members from different disciplines to guide the candidates together. The departments and centers are devoid of department boundaries and can have members from different disciplines, who can jointly guide thesis and projects.