



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	SHOBHIT INSTITUTE OF ENGINEERING AND TECHNOLOGY (Deemed to be University), Shobhit University
Name of the head of the Institution	Prof. Amar Prakash Garg
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

<b>2. Institutional Status</b>					
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				
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.shobhituniversity.ac.in/pdf/naac/aqar-2017-18.pdf">https://www.shobhituniversity.ac.in/pdf/naac/aqar-2017-18.pdf</a>				
<b>4. Whether Academic Calendar prepared during the year</b>	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.shobhituniversity.ac.in/pdf/naac/acad-calr-2018-19.pdf">https://www.shobhituniversity.ac.in/pdf/naac/acad-calr-2018-19.pdf</a>				
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.12	2015	16-Nov-2015	15-Nov-2020
<b>6. Date of Establishment of IQAC</b>			08-Aug-2014		
<b>7. Internal Quality Assurance System</b>					
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	
Feedback from all the		11-Jul-2018		1646	

Stakeholders	1	
Submission of research papers in high quality journals	10-Jan-2019 1	14
Targets for events at School level however should conduct a minimum of five events in a session (workshops/seminars/invited lectures) for the skill development of the students.	10-Jan-2019 1	14
Internal Audit of all the departments of The University	11-Jul-2018 1	11
Review of Departmental Objectives	11-Jul-2018 28	24
Academic Visibility of University	11-Jul-2018 1	11
Review of quality policy of the University.	11-Jul-2018 1	11
Self Appraisal Form from Faculty members and Staff members.	11-Jul-2018 15	158
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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 1825	8000000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	48700
Year	2018

<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
Regular meeting of Internal Quality Assurance Cell (IQAC)	
Feedback from all stakeholders collected, analyzed used for improvements	
Visibility of University's research profile on the Website. Committee decided that all faculty members should make his/her ID on Google scholar and Research Gate	
Submission of research papers in high quality journals	
To set target for events to conduct at school level	

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<b>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</b>	
Plan of Action	Achivements/Outcomes
To have more academic activities for students and Scholars	More academic activities were held for students
To improve visibility of University research profile	Research contributions by faculty members Research scholars increased
Collecting Feedback from all the stake holders	Feedback collected and reviewed
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Academic Council	19-Oct-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to</b>	Yes
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assess the functioning ?	
Date of Visit	08-Dec-2018
<b>16. Whether institutional data submitted to AISHE:</b>	No
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>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. Our management system organizes the information through our website, emails and SMS. The employees have been provided email ID for information exchange. All the information is circulated and collected through emails excluding the file works. The University has Biometric attendance for teaching and nonteaching staff. 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</p>

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
Mtech	04PGMBT	Biotechnology	10/08/2018
BTech	06UGBCS	Computer Science and Engineering	03/08/2018
BTech	07UGBEC	Electronics and Communication Engineering	03/08/2018

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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	ME, CS, ECE, AI, BT, BM and BI	17/09/2018	"Waste to Resource: A plan to Zero waste", AG - 464	17/09/2018
BEEd	Education and Teachers Training	26/12/2018	Scout and Guide camp, E-462	26/12/2018
BTech	ME, CS, ECE, AI, BT, BM and BI	17/03/2019	Internet of Things, CS-462	17/03/2019

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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
Nil	Nil	01/01/2018

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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
MSc	Biomedical	10/08/2018
MSc	Biotechnology	10/08/2018
MSc	Microbiology	10/08/2018
Mtech	Biotechnology	10/08/2018
Mtech	Biomedical	10/08/2018

### 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
Importance of Internship	01/10/2018	27
Career building Seminar	20/11/2018	43
Importance of Internship	01/01/2019	27
Skill Development	29/08/2018	78
Millionaire Mindset and Entrepreneurship	30/08/2018	64
Entrepreneurship Development	05/10/2018	97

Innovation, Leadership and Motivation	22/10/2018	85
Soft Skills	16/10/2018	253
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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
BBA	Business Administration	92
BCom	Banking and Finance	95
BTech	ME, CS, ECE, CE, EE, AI, BT, BM and BI	613
MBA	HR, Finance, Marketing and Agribusiness	105
MCA	Computer Application	80
MSc	BT, MB and BM	43
MCom	Banking and Finance	34
Mtech	CS, Communication, AI, BT, BM and BI	134
BSc	Agriculture and BM	132
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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 Deans and Director IQAC to analyze the feedback obtained from different stakeholders concerning the 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 and management. Based on the feedback, the Vice-Chancellor interacts with stakeholders about the outcome 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, workshops were conducted at the department level, 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 the research experience and facilitate faculty and student exchange program. To enhance research activities workshops International Conferences were organized. Students were encouraged to take up application projects. The entrepreneurial skills of the students were enhanced</p>



by providing Entrepreneurship as one of the specialization course for MBA students. Communication skills training, career action coaching management training, leadership training was 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 to industry awareness. Intensive training on aptitude training was planned for the next academic year. Thus the feedback given by the stakeholders were analyzed and suitable action was taken as per the expectations of students, faculty and employers. Action on feedback: This feedback helps to keep a track of the faculty contribution in the delivery of the syllabus content to students and take necessary action/ measures as and when required for providing quality education to the students. Based on the faculty feedback, the faculty members having the highest feedback score are appreciated and note is given for corrective action to the faculty members having feedback score low. Alumni Feedback: The inputs and suggestions from the alumni pave way for the University to adopt newer approaches required to meet the need of the hour. The suggestions of the alumni are taken into consideration in planning various activities for bridging the gaps between academia and industry. Parent Feedback: This feedback helps to understand the parent's expectations from the University in grooming their wards and recognize the focus areas for future endeavours. Teacher Feedback: Teacher feedback about the University and teaching-learning practices help University to understand teacher's expectations about working in the University and also helps to plan effective teaching-learning understand the requisites of the employers and channelize the efforts in the same direction. Based on the employer feedback, the training and placement cell of the University plans and conducts various skill development activities or courses to inculcate required skills in the students.

## 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
BEEd	Education and Teachers Training	100	326	100
LLM	Criminal, Corporate, Constitution	60	127	43
Mtech	Bio-Informatics	18	44	14
MBA	HR, Finance, Marketing and Agribusiness	120	249	70
BA LLB	Criminal, Corporate, Constitution	120	324	109
BTech	Computer Science and Engineering	60	126	44

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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
2018	2508	558	37	36	114

## 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
187	164	15	55	7	21

[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 Counselors as well as mentors allotted by the University. These mentors are allotted for different purposes like summer internship projects, major research projects, seminar presentations, class coordinators, activity and event coordination. The objectives of counseling are - 1. To provide guidance and support to the Students 2. To improve students teacher relationship 3. To improve the overall performance of the students 4. To help students in identifying various options for their career and future. The faculty mentors continuously assess, monitor, counsel, and give possible guidance for-

- 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.
- Major Research Project – In this project also mentors help mentees to select topics for the research. Mentor guide at every step like the writing of synopsis, questionnaire designing, data analysis, and final submission of the report.
- Seminar presentation: Mentor allot topics for the seminar presentation and help students to complete their write-ups and help prepare for presentations in a creative way.

If a student is identified as having weakness in a particular subject the Mentor 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 the 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.

- Morale enhancing for interviews: Major concerns of students related to placements deal with job interviews and group discussions. Our counselors/mentors help them prepare for the same. Finally, both mentee and mentor may redefine their relationship as one of the equals, characterized over time by informal contact and mutual assistance, thus becoming true professional colleagues. The Steps initiated by the University are always student-centric.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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3066

164

1:19

**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
170	164	6	28	60

**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
2018	Dr. Miraj Salim	Associate Professor	CIM Level 3 Award for Digital essentials (VRQ)
2019	Ms. Alka Sahrawat	Lecturer	Young Achievers Award
2019	Ms. Ankita Mishra	Assistant Professor	Judge on second MOOT court Competition
2019	Prof. Amar Prakash Garg	Vice Chancellor	Member of Editorial board in an international Journal of Plant Research of biotechnology
2018	Prof. Amar Prakash Garg	Vice Chancellor	best Teacher Award by Senior Citizen Trust Uttar Pradesh
2019	Prof. Amar Prakash Garg	Vice Chancellor	Patron in National conference of New Age Mobilization Society, ICISSD-2019.
2019	Ms. Alka Sahrawat	Assistant Professor	Young Achiever Award-2019 by Institute of Scholars
2019	Mr. Mairaj Salim	Assistant Professor	Award in Digital Essentials (VRQ) by The Chartered Institute of Marketing

[View File](#)**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
MBA	05PGMBA	4th	04/06/2019	25/06/2019
BTech	06UGBCS	8th	24/07/2019	29/07/2019

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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
2	3066	0.11

## 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
13UGLLB	LLB	LAW	115	109	94.78

[View File](#)

## 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-2018-19.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	Aniket Kumar	International Conference on Recent Multidisciplinary Research (ICRMR-2018) Asian Institute of Technology Conference Centre, Thailand	23/11/2018	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Sharddha	International	23/11/2018	Shobhit

	Maurya	Conference on Recent Multidisciplinary Research (ICRMR-2018) Asian Institute of Technology Conference Centre, Thailand		Institute of Engineering and Technology (Deemed to be University)
National	Dr. Kaushiki Mukherjee	Workshop National Hand-Made paper Institute	27/05/2019	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Prof. Amar Prakash Garg	Chief Guest, International Conference on Advancement of Agriculture, Tribhuvan University, Kathmandu ,	28/06/2019	AETDS Society
<a href="#">View File</a>				

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
SRF	1095	UGC and DST
JRF	730	UGC
Research Associates	365	Shobhit Institute of Engineering and Technology (Deemed to be University)
<a href="#">View File</a>		

### 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)	1	National Human Rights Commission	0.5	0.5
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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
Training program on Agriculture Waste to	Technology Business Incubator	04/09/2018

commercial activated carbon		
Two Days workshop on Entrepreneurship Development	Department of Management and Business Studies	05/10/2018
Invited talk on "Recent trends in female infertility", by Dr. Malini Laloraya, Scientist-'F', RGCB, Kerala	School of Biological Engineering and Life Sciences	11/03/2019
Workshop on "Be your own Doctor". Chief guest Dr. D.N. Sharma from Ministry of Ayush.	School of Biological Engineering and Life Sciences	27/03/2019
Invited talk on "Genetic and Stem Cell Research-Paradigm in Science", Prof. Ajit K. Saxena	School of Biological Engineering and Life Sciences	28/03/2019
Special Lecture by Economist Prof. Somitra Sharma on "Economics and Maths"	Department of Management and Business Studies	04/04/2019
One day Workshop on Biomedical Instruments	School of Biological Engineering and Life Sciences	08/10/2018
A invited lecture by Dr. B. K. Rajendra on "Perpetual Yogic Agriculture" held on	School of Biological Engineering and Life Sciences	13/10/2018
Debate and Speech competition on "Recent trends in Biomedical Sciences"	School of Biological Engineering and Life Sciences	13/10/2018
National Seminar "Disaster Management and Cleanliness"	School of Engineering and Technology	16/10/2018
Workshop on Innovation, Leadership Motivation	School of Engineering and Technology	22/10/2018
Invited lecture on "Career Prospectus in Biomedical Sciences Technology"	School of Biological Engineering and Life Sciences	26/10/2018
Facets of Financial Prudence, Dr. Amit Malhotra, Financial consultant SEBI expert	Department of Management and Business Studies	01/11/2018
Debate on "Demonetization was a waste"	Department of Management and Business Studies	18/02/2019
Workshop on "Yoga for	School of Education	18/02/2019

Students", by Dr. Babita Singh		
Workshop on Cancer Radiation	School of Biological Engineering and Life Sciences	01/03/2019
Training on Paper Manufacturing	Technology Business Incubator	02/03/2019
Workshop on "Cell lines cultures" by Dr. Damodar Gupta, Scientist-'F', INMAS, New Delhi	School of Biological Engineering and Life Sciences	02/03/2019
An Invited Lecture by Prof. S. K. Bhatnagar on "Prospects of Agricultural Research In National Prosperity"	School of Biological Engineering and Life Sciences	01/11/2018
National Seminar on "Digital India"	School of Engineering and Technology	13/11/2018
National Seminar on "E-content and Open Education Resources for Quality Higher Education"	School of Engineering and Technology	14/11/2018
"Mobile Phone Mobile Tower: Health Hazards", Prof. Asok De, Ex-Director NIT Patna	School of Engineering and Technology	14/11/2018
Workshop for B.Ed. students	School of Education	15/11/2018
"The Art of Leadership", Prof. E. V. Swaminathan	School of Engineering and Technology	20/11/2018
Lecture on "What Business wants from Higher Education" by Prof. S. K. Bhargava, Associate Pro Vice Chancellor, RMIT University, Australia	Department of Management and Business Studies	26/11/2018
Level 1 Training Program Under TBI	Technology Business Incubator	28/11/2018
Basic training workshop on "Human Rights" sponsored by National Human Right Commission (NHRC)	School of Law and Constitutional Studies	22/12/2018
Workshop on Agriculture Waste to commercial activated carbon	Technology Business Incubator	08/04/2019
Special lecture on "Importance of Technical Education for the Development of Society",	School of Engineering and Technology	13/04/2019

National Seminar on Public Communication by Electronics Department Shobhit University	School of Engineering and Technology	20/04/2019
Training programme on Agriculture Waste to commercial activated carbon	Technology Business Incubator	02/07/2018
Training programme on Agriculture Waste to commercial activated carbon	Technology Business Incubator	02/08/2018
Workshop on Skill Development	School of Engineering and Technology	29/08/2018
Motivational lecture on "Millionaire Mindset and Entrepreneurship" by Dr. Namit, Motivational Speaker and life coach.	Department of Management and Business Studies	30/08/2018
Seminar on "Billionaire Mindset and Entrepreneurship"	Department of Management and Business Studies	01/09/2018
"Design and development of Quantum technology based on Laser light for Applications in Artificial Intelligence", Dr. P. K. Basoya, Univ. of Exeter, England	School of Engineering and Technology	06/09/2018
Workshop on "Anatomy of Inflation" (under Ignited Mind Lecture Series)	Department of Management and Business Studies	08/09/2018
Innovative Tools and Techniques in Healthcare imaging Sector	School of Biological Engineering and Life Sciences	08/09/2018
"Waste to Resource: A plan to Zero waste"	School of Engineering and Technology	17/09/2018
Debate on Triple Talaq	School of Law and Constitutional Studies	28/09/2018
Who Benefits from Agricultural Subsidies: Farmer or Consumer	School of Biological Engineering and Life Sciences	29/09/2018
Testing and Functions of biomedical instruments	School of Biological Engineering and Life Sciences	29/09/2018
Workshop on Internet Security	School of Engineering and Technology	29/09/2018
Technical Seminar	School of Engineering and Technology	29/09/2018
International Conference for "Spreading	Internal Quality Assurance Cell	09/07/2018



the Culture of Peace"		
Global Gandhian Swachta Award Felicitation Program to Prof. Jack Sim, the Toilet Men	Internal Quality Assurance Cell	03/10/2018
National Conference on Psychology, "Psychology today and the Road Ahead"	Department of Management and Business Studies	22/11/2018
International Conference on "World Economy by 2030"	Department of Management and Business Studies	27/11/2018
National Moot Court Competition	School of Law and Constitutional Studies	06/04/2019
National Conference on "Emerging Trends in Bio-Electronics Informatics"	School of Biological Engineering and Life Sciences and School of Engineering and Technology	21/04/2019
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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
Award in Digital Essentials (VRQ)	Mr. Mairaj Salim	The Chartered Institute of Marketing	30/01/2019	Teacher
Best Teacher Award	Prof. Amar Prakash Garg	Senior Citizen Trust Uttar Pradesh	22/09/2018	Teacher
TOP 10 BSCHOOLS	Shobhit Institute of Engineering and Technology (Deemed to be University)	India Today	28/02/2019	Institution
Ranked 19th in Indias Top Technical University	Shobhit Institute of Engineering and Technology (Deemed to be University)	India Today	02/07/2018	Institution
School of Business Studies stands on 17th Rank in North India	Shobhit Institute of Engineering and Technology (Deemed to be University)	India Today	28/02/2019	Institution
School of Business Studies stands on 55th rank in Pan India	Shobhit Institute of Engineering and Technology (Deemed to be University)	India Today	28/02/2019	Institution

	University)			
Young Achiever Award-2019	Ms. Alka Sahrawat	Institute of Scholars	30/05/2019	Research Scholar
Patron	Prof. Amar Prakash Garg	National conference of New Age Mobilization Society, ICISSD-2019.	20/04/2019	Teacher
<a href="#">View File</a>				

### 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
Technology Business Incubator, Shobhit Institute of Engineering and Technology	Ms. Shiva Sharma	MSME-ASPIRE	TBI	Entrepreneur Development Tool	02/07/2018
Technology Business Incubator, Shobhit Institute of Engineering and Technology	Ms. Beena Rawat	MSME-ASPIRE	TBI	Entrepreneur Development Tool	02/08/2018
Technology Business Incubator, Shobhit Institute of Engineering and Technology	Dr. Manisha Rastogi	MSME-ASPIRE	TBI	Entrepreneur Development Tool	04/09/2018
<a href="#">View File</a>					

### 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	4
Bio-Informatics	1
School of Business Studies (Management)	4
Microbiology	1
Basic and Applied Science (Physics)	1

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 Sciences, MBA, AG and LAW	127	1.1
<a href="#">View File</a>			

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	77
<a href="#">View File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Nil	0	01/01/2018
<a href="#">View File</a>			

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
Antibacterial Activity of Punica granatum (Pomegranate) Fruit Peel Extract against Pathogenic and Drug Resistance Bacterial Strains	Alka Chaudhary and Siddarth N. Rahul	International Journal of Current Microbiology and Applied Sciences	2018	0.51	Shobhit Institute of Engineering Technology	6
<a href="#">View File</a>						

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 Supply Chain Inventory	Vipin Kumar Tyagi,	Journal of Adv Research	2019	21	2	Shobhit Institute of Enginee

Model for Deteriorating Items with Variable Lead Time and Varying Demand under Shortages	Ruchi Goel, Manindar Singh and Sunil Kumar	in Dynamical Control Systems				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	82	12	5
Presented papers	12	53	9	11
Resource persons	6	12	6	17

[View File](#)

### 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)
Biotechnology	Short term Course on Tools and Techniques in Biotechnology	Training	52700

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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
Computer Science and Engineering	Internet of Things	Training	50000	20
Biotechnology	Short term on Tools and Techniques in Biotechnology	Training	52700	65
Electronics and Communication Engineering	National Seminar on Emerging Trends in Bio-Electronics and Informatics	Training	34600	69

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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
Yoga Week	Shobhit Institute of Engineering and Technology (Deemed to be University)	4	382
Cleanliness Drive	Shobhit Institute of Engineering and Technology (Deemed to be University)	84	196
Plantation Drive	Shobhit Institute of Engineering and Technology (Deemed to be University)	8	76
Legal Literacy Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	10	25
Health Check-up Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	15	255
Blood Donation Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	8	172

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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	Indian Red Cross Society	172
Cleanliness Drive	Recognition	Gram Panchayat, Maithana Indrasingh Village, Daurala Meerut, U.P.	196
Health Check-up Camp	Recognition	Gram Panchayat, Maithana Indrasingh Village, Daurala Meerut, U.P.	255

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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	Name of the activity	Number of teachers participated in such	Number of students participated in such
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	agency		activites	activites
Health Check-up Camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	Health Checkup Camp	15	255
Plantation Drive	Shobhit Institute of Engineering and Technology (Deemed to be University)	Plantation on World Environment Day	8	76
Yoga Week	Shobhit Institute of Engineering and Technology (Deemed to be University)	Organised for University employees and local people	4	382
Waste to Resource: A plan to Zero waste	Shobhit Institute of Engineering and Technology (Deemed to be University)	Creative Club activity	2	46
Swacch Bharat Abhiyan	Shobhit Institute of Engineering and Technology (Deemed to be University)	Cleaning of local premises	108	184
Yoga camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	Organised for University employees and local people	93	167
<a href="#">View File</a>				

### 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 in nuclear physics lab, Physics department, BHU	Mr. Sanjay Kumar (Research Scholar)	Shobhit Institute of Engineering and Technology (Deemed to be University)	8
Analysis of toxic metals in Ground water near Yamuna River , ITL Labs Pvt. Ltd., Delhi 58	Mr. Basudev (Ph.D Scholar)	Shobhit Institute of Engineering and Technology (Deemed to be University)	182
Science Academies'	Ms. Alka Sahrawat (Participant)	Shobhit Institute of Engineering and	15

Refresher course on 'Known to unknown techniques in Biology'		Technology (Deemed to be University)	
International Conference on Spreading the Culture of Peace - A Miracle to Realize Peace - Peace Letter Jointly organised with Heavenly Culture, World Peace, Restoration of Light (HWPL) and International Peace Youth Group (IPYG) South Korea	132	Shobhit Institute of Engineering and Technology (Deemed to be University)	1
Inmas Institute of Nuclear Medicine Allied Science, New Delhi	Ms. Beena Rawat	Shobhit Institute of Engineering and Technology (Deemed to be University)	30
International Conference on "WORLD ECONOMY BY 2030" Organised jointly with Faculty of Economics and Business, University of Zagreb, Croatia and Faculty of Economics and Tourism, University of Pula, Croatia	180	School of Education, Shobhit Institute of Engineering and Technology (Deemed to be University)	2
Research on Rudraksha at Kunwar Shekhar Vijendra Ayurved Medical College and Research Center Gangoh	Ms. Shiva Sharma	Shobhit Institute of Engineering and Technology (Deemed to be University)	180
Research in Microbiology Department, Shobhit Institute of Engineering and Technology (Deemed to be University)	Ms. Neha Bisht	CCS University , Meerut	180
Research in Bioinformatics Department , Shobhit Institute of Engineering and	Ms. Reetu Gour	CCS University , Meerut	90

Technology (Deemed to be University)			
Research in Microbiology Department, Shobhit Institute of Engineering and Technology (Deemed to be University)	Mr. Ritesh Kumar Arya	JNU, Jaipur	60
<a href="#">View File</a>			

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 collabration	Internship	Associated Electronics Research Centre	19/01/2019	13/07/2019	7
<a href="#">View File</a>					

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
APInfoy., Finland	16/07/2018	To provide a framework by which the parties may in future undertake joint activities on development of collaborative research program	8
KIM University of Rwanda	23/07/2018	To provide a framework by which the parties may in future undertake joint activities on development of collaborative research program	3
Libertas International University, Zagreb, Trg J.F. Kennedy 85	27/03/2019	To provide a framework by which the parties may in future undertake joint activities on development of collaborative research program,	4



		organisation of joint academic and scientific activities as courses	
Ghana-India Trade Advisory Chamber, Ghana	15/03/2019	To provide a framework to undertake joint activities which include development of the collaborative management/industry development programs, exchange of personnel from GITAC on deputation for a limited period	3
Juraj Dobrila University of Pula, Pula	27/03/2019	To provide a framework by which the parties may in future undertake joint activities on development of collaborative research program, organisation of joint academic and scientific activities as courses	4
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#### **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
135	135

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	Existing
Classrooms with Wi-Fi OR LAN	Existing

[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	43092	20960837	586	389131	43678	21349968
Reference Books	6858	3429000	279	139500	7137	3568500
Journals	184	184000	31	35240	215	219240
CD & Video	1339	6695	38	190	1377	6885
e-Books	9149000	390606	5000	13570	9154000	404176
e-Journals	49506546	299540	45000	136470	49551546	436010
Library Automation	1	107468	Nil	17700	1	125168

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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
Mr. Aniket Kumar	Basics of Electronics	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	05/04/2019
Mr. Jitendra Kumar Singh Jadon	Non Destructive Evaluation and Testing	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	21/01/2019
Dr. Ashok Kumar	Financial Management	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	23/10/2018

Dr. Mamta Bansal Rajshree	Mobile Computing	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	24/01/2019
Dr. Vipin Kumar Tyagi	Limit, Continuity and Differentiability	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	07/08/2018
Dr. Neha Vashista	Marketing Management	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities">https://www.shobhituniversity.ac.in/sum-econtent.php?utm_source=web_shobhituniversityutm_medium=official_siteutm_campaign=university-authorities</a>	14/09/2018
<a href="#">View File</a>			

#### 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	550	10	550	4	7	40	13	1024	150
Added	0	0	0	0	0	0	0	0	14
<b>Total</b>	<b>550</b>	<b>10</b>	<b>550</b>	<b>4</b>	<b>7</b>	<b>40</b>	<b>13</b>	<b>1024</b>	<b>164</b>

##### 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.	<a href="https://www.facebook.com/aniket.kumar.756859/videos/2251467854935968">https://www.facebook.com/aniket.kumar.756859/videos/2251467854935968</a>

#### 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
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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 team of fulltime gardeners under the directions of a teacher in-charge. 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 in-charge 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 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 year. 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.

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-Procedures-policies-18-19.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	152	3040000
Financial Support			

from Other Sources			
a) National	U. P. Govt. Scholarship	45	1344122
b) International	Nil`	Nil	0
<a href="#">View File</a>			

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 implemetation	Number of students enrolled	Agencies involved
Yoga camp	21/06/2019	382	Shobhit Institute of Engineering and Technology (Deemed to be University)
"The Art of Leadership", Prof. E. V. Swaminathan	20/11/2018	173	Shobhit Institute of Engineering and Technology (Deemed to be University)
Power point Making competition	22/09/2018	45	Shobhit Institute of Engineering and Technology (Deemed to be University)
Poster making	22/10/2018	68	Shobhit Institute of Engineering and Technology (Deemed to be University)
"Waste to Resource: A plan to Zero waste"	17/09/2018	46	Shobhit Institute of Engineering and Technology (Deemed to be University)
Orientation programme for Freshers	16/08/2018	688	Shobhit Institute of Engineering and Technology (Deemed to be University)
<a href="#">View File</a>			

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
2019	Career Counseling and University Training and develop	41	274	2	83
<a href="#">View File</a>					

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
2	2	3

## 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
Bizsol Pvt.Ltd., Noida	25	20	Jivsena	15	10
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	LLB	School of Law and Constitutional Studies	Kings College, London	LLM
2018	1	LLB	School of Law and Constitutional Studies	Osgoode Hall Law School, York University Toronto, Canada.	LLM
<a href="#">View File</a>					

### 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
GATE	1
NET	2
Any Other	24
<a href="#">View File</a>	

### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Freshers Party	Annual	161
Farewell Party	Annual	277
Scout Guide Camp	Annual	78
Independence Day Celebration	Annual	315
Republic Day	Annual	286

Celebration		
Sangeetam	Annual cultural fest	396
Annual Sports Meet	Annual	583
SPIC MACAY	cultural programme	224
Dandiya Night Celebration	cultural programme	326
National Body Building and Fitness Competition	National Level Competition	89
<a href="#">View File</a>		

### 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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Touch Rugby	International	1	Nil	MRT16UGB CS002	Anamika
2018	Miss Asia	International	1	Nil	MRT17PGD Y021	Prachi Dixit
2018	Mr. India Jr. category	National	1	Nil	MRT17PGD Y001	Ajay Kumar Yadav
2018	Miss India fitness	National	1	Nil	MRT17PGD Y015	Sanjana Dhalak
<a href="#">View File</a>						

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. To empower students in gaining leadership qualities, rules, regulations, and execution skills, the University provides a platform for their active participation in various academic administrative bodies. The representation of students in academic and administrative bodies of the university ensures the augmentation of various infrastructural, academic, and administrative activities for students' benefit and welfare. Together with university administration, students have been actively and smoothly running sports, cultural, social, literary activities. Initiatives are taken by students in organizing various club activities under the aegis of Creative Club, Yoga Club, English Speaking class, Cultural Club, Badminton Club, Indoor Games Club and Cricket Club have given amazing results in terms of all-round development of the students of the University. Besides, schemes like Swachh Bharat Abhiyan, Blood Donation Camps, fill them with a sense of social responsibilities and belongingness. Representation of students of every department in academic administrative committees not only enhances their managerial and other relevant skills but also brings name and fame to the university. Almost every club of the university has its student selected through interviews under the mentorship

of their teachers. The activities of these clubs are monitored by faculty members responsible for the smooth conduct of the events. Under the guidance of faculty mentors, these students play a dominant role in fine arts, sports, and other co-curricular activities as well. Among the major co-curricular activities organized by these students include Seminars, Workshops, symposiums, Conferences, etc to develop their personality and skills. Speeches by eminent speakers and industrialists on topics relevant to the current educational scenario help them in their all-round development. Besides, they also observe important days Religious and Cultural Festivals (such as University's Annual Fest SANGEETAM etc.), International Women's Day, International Yoga Day, Sports Day, Teachers Day, Fresher's Day, Farewell Party, Engineers' Day, etc. Students from each department participate in faculty, infrastructural and other feedback. Their views and suggestions with respect to the faculty, subjects, syllabus, and other things related to the class and infrastructure help the teacher and university administration keep track of the maintenance of quality education and facilities provided to them. The university provides necessary support to these students in organizing coordinating the events. It encourages them to develop their various skills through these activities and make them real heroes. The University takes part in all activities that are promoted from time to time by UGC, AICTE, BCI and NCTE etc. The students are properly advised, guided and supervised by faculty members. They are encouraged by way of certification and suitable cash awards also.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

3409

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

47000

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 University campus. 128 Alumni attended the meet. Alumni have been placed Pan India and abroad also. They keep on visiting University as and when they get time to cherish their memories. Alumni are called for Extra Mural Lectures, judging the events, during Personality Development sessions etc. This will definitely help Current students in better placements also. The alumni are requested to frequently visit the University whenever they get time and one to one interaction of the students with the alumni is facilitated by organizing group discussions, tea net working. The students are provided emails and other contact details to facilitate their contacts and frequent interactions.

## 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
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

Human Resource Management

•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, religion, race, disabilities, etc

Industry Interaction / Collaboration

• Curriculum is designed in coordination and suggestions with Academia and Industry particularly in case of technical and professional programs as also keeping in view the suggestions made in feedback • Add on courses have been started in each Department where the students of other Department can take classes at no extra cost. Moocs courses available on "SWAYAM" and other national approved platforms have been allowed and their course structure has been recognized and incorporated in the course curricula. Greater emphasis on practical and skill oriented courses has been given. 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.

Examination and Evaluation

• Continuous Internal Assessment System is designed to give freedom to faculties to decide on their internal assessments. E-1, E-2 and E-3 examination system was introduced where E-1 was based on first and second Unit E-2 on third and fourth Unit while E-3 comprised of all five Units. The question papers were so designed that the student will have to study all five Units. The question paper was based on MCQ, short answers and long descriptive answers. • 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

Curriculum Development

• Curriculum is designed in coordination and suggestions with Academia and Industry particularly in case of technical and professional programs and in view of the feedback analyzed by the Committee. Board of Studies were reconstituted and syllabi were developed by the faculty members after organizing various interactive sessions with senior academicians and seeing the course structure of other Universities of national and international repute. • 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.

Research and Development

•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 University 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. Admission of students for Ph.D. only through written test. One semester course work as suggested by UGC was made mandatory followed by examination. Research Degree Committee by way of presentation for registration for Ph.D. was reconstituted by involving external subject experts. 6-monthly progress report submission and presentation made compulsory. Plagiarism check, pre-presentation seminar in presence of the Vice Chancellor and all faculty members research scholars made compulsory. Publications in UGC CARE list was considered as precondition for submission of thesis. All Ph.D. thesis uploaded on "Shodh Ganga".

Teaching and Learning

•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, peer learning are applied in

	<p>the class room teaching to make learning effective. •Faculty is encouraged to develop e-content.</p> <p>•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</p>
Admission of Students	<p>•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.</p> <p>•For financial matters of the admission, all the payment process is also done online. Last dates are widely circulated and fixed as per guidelines of UGC. The fee of drop out students is refunded as per UGC guidelines.</p>

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

E-governance area	Details
Administration	<ul style="list-style-type: none"> <li>• All the information is circulated and collected through emails excluding the file works</li> <li>• The University has Biometric attendance for teaching and nonteaching staff.</li> <li>• The University campus is equipped with CCTV Cameras at very place of need. There is a Building Committee with members from faculty, architect, engineer, contractor, teachers and office staff to assist with the planning and execution of vertical extension of the University</li> </ul>
Examination	<ul style="list-style-type: none"> <li>• University has the separate Examination department with equipped ITC tools necessary for examination purpose.</li> <li>• The questions papers are asked from the paper setters through dedicated emails.</li> <li>• As per the requirement of Examination department all the necessary equipment's are provided by the university such as Separate Desktop and Internet Facility for exam purpose.</li> <li>• Students can access results from University website</li> <li>• The students can file their requests related to examinations through emails.</li> <li>• The marks of the students are sent them through emails.</li> </ul>

Finance and Accounts	<ul style="list-style-type: none"> <li>All the information is circulated and collected through emails excluding the file works.</li> <li>Fee related information is given to the students and their parents through emails.</li> </ul>
Student Admission and Support	<ul style="list-style-type: none"> <li>Presently the admission forms are invited online. It covers admissions to all courses whether graduate or post graduate like admission forms submission, SMS service etc.</li> <li>For financial matters of the admission, all the payment process is also done online. Other than this, debit/credit cards, internet banking facilities is also provided to the students to pay fees etc.</li> <li>The students are encouraged to communicate on emails too to get any studies/ research related queries sorted out.</li> </ul>
Planning and Development	<ul style="list-style-type: none"> <li>All the information is circulated and collected through emails excluding the file works.</li> <li>All the relevant information like, events, important notices reflected on University website</li> </ul>

### 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
2019	Ms. Shraddha Maurya	2nd International Conference on Recent Multidisciplinary Research	Nil	24800
2019	Mr. Aniket Kumar	2nd International Conference on Recent Multidisciplinary Research	Nil	24800
2018	Mr. Aniket Kumar	2nd IEEE International conference on power Electronics, Intelligent Control and Energy systems (ICPEICES-2018)	Nil	5000
2019	Dr. Kaushiki Mukherjee	Workshop National Hand-	Nil	11800

[View File](#)

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)
2019	Special lecture	Importance of Technical Education for the Development of Society	12/04/2019	12/04/2019	73	12
2018	Special lecture	"The Art of Leading- A Military General's Leadership lessons"	10/05/2019	10/05/2019	84	10
2019	Workshop	Be your own Doctor	27/03/2019	27/03/2019	68	15
2018	Special lecture	Mobile Phone Tower: Health Hazards Mobile Phone Tower: Health Hazards	14/11/2018	14/11/2019	81	18

[View File](#)

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
FDP on "Innovation and research Areas in Science Technology"	12	27/05/2019	31/05/2019	5
FDP on "Sustainable	13	29/04/2019	03/05/2019	5

Development and natural Resources Management"				
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
164	136	74	60

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</p>	<p>The welfare schemes available for non-teaching staff in the University are as follows: a) Benefit of 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.</p>	<p>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 • &gt; 90 marks in qualifying exam: Equal to 100 of Tuition Fee b) BabuVijendraShouryaSamman Scholarships For the wards of great Martyrs in uniform: Equal to 100 of Tuition Fee. c) AdarshVidyadhan 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.) Sports Promotion Scholarships For I, II, III position holders in Games approved by Indian Olympic Association: • State Level: Equal to 20 of Tuition Fee • National Level: Equal to 40 of Tuition Fee • International Level: Equal to 60 of Tuition Fee. f) Defense Wards</p>



through Bank, Indoor/Outdoor Sports Facility, Mobile Allowance etc. k) Facilities for Qualification enhancement Capacity Building within or outside the Country l) Insurance facility is for all the faculty members under SUBIDHA scheme. This unique scheme provides financial aid based on the degree of disability. m) Support for research activities at all levels viz. research facilities, financial assistance for research publications, patents etc.

Scholarships For the wards of defense, paramilitary and other forces: Equal to 20 of Tuition Fee g) Chancellors Scholarships For proud Alumni of the University: Equal to 20 of Tuition Fee h) Extra-mural Activities Scholarship out of the Amalgamated Fund. The performance of the Campus students in various Extra-mural activities like debates, seminars, one-act play etc. is the deciding factor for award of the scholarship. This scholarship is a fixed amount to be decided by the Vice-Chancellor on the recommendations of the Committee. i) Financial assistance out of Poor Students Welfare Fund to the deserving SU Hostel residents. j) Food subsidy to the needy hostel residents. k) In addition, students have facilities such as free medical facility at Health Centre, Gymnasium Hall. Alumni Association, Industrial trips, workshops. E-mail account for Research Scholars. l) Counseling Sessions, Medical assistance in case of emergency, Facility to attend and participate in any event, to attend any outside event, Women Empowerment Cell is established for empowering female students of the Institute, Soft Skill Training.

## 6.4 – Financial Management and Resource Mobilization

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

A. 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	143317	To Organize Workshop on National Human Right Commission(NHRC)
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

52425000
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## 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, UGC and AICTE	Yes	IQAC
Administrative	Yes	ISO, UGC and AICTE	Yes	IQAC

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

Not applicable.
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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.
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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.
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## 6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Emphasis on ICT Strengthening ERP
- Quality research (Admission through entrance test, Course work followed by examination, RDC with external expert, 6-monthly progress report, pre-presentation seminar, plagiarism check, publications in UGC CARE journals)
- Campus beautification, Green and Clean campus, eco-friendly environment
- Facilities for specially abled students

## 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
2018	Modification in self Appraisal Form	11/07/2018	11/07/2018	11/07/2018	11
2018	Self Apraisal Form from Faculty members and Staff members.	11/07/2018	01/01/2019	15/01/2019	138
2018	Modification in Departmental Objectives	11/07/2018	11/07/2018	07/08/2018	24
2018	Feedback From all the stake holders	11/07/2018	11/06/2018	16/06/2018	1646
2019	Submission of research papers in high quality journals	10/01/2019	10/01/2019	10/01/2019	14
2019	Submission of Events reports to IQAC within a week of conducting event	10/01/2019	10/01/2019	10/01/2019	14
2019	Targets for events at School	10/01/2019	10/01/2019	10/01/2019	14

level however should conduct a minimum of five events in a session (workshops/seminars/invited lectures) for the skill development of the students.

2019	Conduction of Academic Audit	10/01/2019	10/01/2019	10/01/2019	14
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International women's day	06/03/2019	06/03/2019	72	51
Ran-de-Rangoli	05/11/2018	05/11/2018	32	28
Debate on Triple Talaq	28/09/2018	28/09/2018	35	15
Workshop on "Human Rights" sponsored by National Human Right Commission	22/12/2018	22/12/2018	82	158
Scout Guide Camp	16/12/2018	28/12/2018	65	22
Wall Painting	06/02/2019	08/02/2019	18	12

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

The University has 100KVA Solar Power plant which caters 25 of the total needs of the University. The plant is maintained by the Department of Mechanical Engineering and Electronics and is periodically cleaned and serviced from the outside agency as and when necessary. 70 of the total area of the University is covered by greenery with a variety of plants both herbs and trees. The University has beautiful plantation of Rudraksha tree which is classified as an

endangered species in Red Data Book. The University is looking after these plants and trying to develop techniques to micro-propagate the endangered species and to multiply them. The University is also planning to develop herbal garden and flowering plants for commercial cultivation to transfer the technique to the local farmers. The University has beautiful landscape well maintained grass lawns and provides guidance and help to other users. The University is planning to develop bio-composting facility for disposal of its own kitchen waste and STP for re-use of water. For rain water harvesting and Check dam construction are under planning of the University. Great emphasis is given on neat and clean green campus.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	19
Provision for lift	No	Nil
Ramp/Rails	Yes	22

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	30/01/2019	15	Sparsh Kust Jagrukta Abhiayn	Spreading of Kusth rog and treatments	96
2019	1	1	19/01/2019	1	Free health Checkup camp	Health and fitness	74
2018	1	1	17/09/2018	9	Waste to Resource: A plan to Zero waste	Waste Management	87
2018	1	1	26/11/2018	1	Legal Literacy Camp	General Legal Literacy	34
2019	1	1	06/04/2019	1	Faculty Development Program Based On "BMW Skill Next Program"	The upcoming technologies, Pollution controlling techniques, Regenerative Braking	10

System and Inlet outlet Manifold to increase efficiency in BMW engines and vehicles

[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	02/07/2018	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 Checkup camp at Mount Litera Zee School	19/01/2019	19/01/2019	146
Health check up camp in village Maithana Indra Singh, Meerut	19/11/2019	19/11/2019	255
Blood Donation	08/02/2019	08/02/2019	172

## 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. The University has tied up with local organization "PAHAL" in which the students and faculty members take active part in creating public awareness about cleanliness and beautification. As a part of this campaign, the University students participated in University Wall Paintings. They were provide

## 7.2 – Best Practices

## 7.2.1 – Describe at least two institutional best practices

**PRACTICE I** One full semester Industry Engagement Initiative -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: Add on courses have been introduced and the MOOCS were permitted as a part of course curriculum. E-1, E-2 and E-3 with continuous evaluation system 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, have been followed. 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

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-Best-Practices-2018-19.pdf>

### 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. The main focus of the University is on life science research. Hence, the tissue culture lab was strengthened and STFR was also purchased to provide a free facility to the farmers for testing their soil samples. They were advised about the type and quantity of fertilizers to be used based upon their soil analysis. The University plans to focus on Human Microbiome research in view of the present requirements of the society and national need. The University is also focusing on antimicrobial herbal drugs, biodegradation of plastic and polythene using microbial systems. Nanotechnology is another challenging field of research where the University has started focusing from the session 2018-19. The University is planning to test Gladiolus varieties in collaboration with Gladiolus Man of India, Dr. Manoj Nazir, from Jammu with a view point that whether varieties can be cultivated in Meerut climate to motivate the farmers to increase their income.

Provide the weblink of the institution

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-7-3-1-2018-19.pdf>

### **8.Future Plans of Actions for Next Academic Year**

a. To make entire University campus wi-fi enabled b. Improvement of facilities and learning environment for differently abled students c. Focus on more extension programs d. 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 e. Recruitment against vacant posts both in teaching and non-teaching f. Campus beautification, hygiene and cleanliness g. Strengthening ERP h. More organization of national and international conferences and seminars i. More organization of academic interactive lectures from national and international experts.