



## Yearly Status Report - 2019-2020

### 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-2018-19.pdf">https://www.shobhituniversity.ac.in/pdf/naac/aqar-2018-19.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-2019-20.pdf">https://www.shobhituniversity.ac.in/pdf/naac/acad-calr-2019-20.pdf</a>

**5. Accrediation Details**

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
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**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
COVID-19 Pandemic	12-Mar-2020	128

Preparation	6	
Convocation Preparation	12-Mar-2020 64	123
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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	800000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

Yes

If yes, mention the amount

67500

Year

2020

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

Outcome based Teaching Learning Process in MOODLE: All students and Faculty members are on one MOODLE platform "https://shobhit.collpoll.com "for Teaching Learning and Mentoring Process.

The IQAC conducted a number of workshops and seminars for students and staff aimed at educational quality awareness.

Orientation program and faculty development program were organized for teaching and nonteaching staff to update their knowledge and skills.

Research activities among students and faculty are promoted via arranging industrial visits, MoUs with reputed institutes and industries. Efforts were also done to motivate students for publishing their innovative research ideas in referred journals and draft patents.

IQAC Suggested introduction of MOOCs courses as part of internal assessment scheme

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

Plan of Action	Achivements/Outcomes
To find means to conduct exams during Pandemic period	Exams were successfully conducted online using ERP
To find means to conduct classes during Pandemic period	Classes were successfully conducted online using ERP and other online platforms
To conduct more conferences at International level	Several offline online conferences , seminars, workshops, lecture series were conducted
To conduct self appraisals of Faculty and Staff members	Forms were collected and analysed
No Files Uploaded !!!	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Council	20-Mar-2021

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

Yes

Date of Visit

06-Sep-2019

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission	30-Jun-2020
<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>Transformation via Technology LMS at Shobhit University Concept way forward is clearly a realm of E Learning. This new era is completely transforming the way in which knowledge is imparted to students. Unlike the traditional chalk and board teaching method, this method accommodates the learning needs of everyone, thus improving the effectiveness of the course material delivered. A learning management system (LMS) is the backbone of this system and is an online platform that enables the delivery of materials, resources, tools, communication, and activities to students both in and out of the classroom environment. It facilitates the offering of tailored instruction that can be accessed by students anytime, anywhere without geographic constraints.</p> <p><a href="https://shobhit.collpoll.com">https://shobhit.collpoll.com</a> is a Learning Management System (LMS) used at Shobhit University designed with MOODLE framework to provide faculties and students a single robust, secure and integrated system to create a personalized learning environment. Students can now enjoy the following benefits via LMS</p> <ul style="list-style-type: none"> <li>• Can download/read study material related to their subjects through ppts, notes, reference book, etc. which is provided by faculty.</li> <li>• Can know about upcoming class/event timetable through upcoming events block. All the events are uploaded on LMS through Google Calendar.</li> <li>• Can submit respective subject Graded Assignment.</li> <li>• Can be aware of their Grades given by respective subject faculties.</li> <li>• Can know about an individual subject Attendance.</li> <li>• Can chat with course faculty/student.</li> <li>• Can access Gmail provided by university.</li> <li>• Can participate in Online Quiz.</li> <li>• Can do perform all above activities on the Mobile phone through Mobile App.</li> </ul> <p>Features of LMS</p> <ul style="list-style-type: none"> <li>• Graded Assignment Submission/Evaluation</li> <li>• Grading</li> <li>• Announcements</li> <li>• Attendance Marking.</li> </ul>

Instant Messages • Online Quiz (Weekly Test) • Files Download • Lab Project • Personal Tutor • Online Student Feedback Activities • LMS workshop for existing students • LMS workshop for new students • LMS workshop for existing faculties • LMS workshop for new faculties The different modules covered under different sections are as follows Examination Management HR Management Academic Management Outcomebased education Student Management Finance Management Moreover, the internal assessment exams are now being conducted using this LMS platform and also the semester End exams. The exams are being conducted quite successfully especially during the tough time of Pandemic Covid19.

## 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
MSc	02PGMSMA	Applied Mathematics	27/07/2019
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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
MBA	HR, FM, Marketing and Agri-Business	15/06/2020	Digital Marketing, BSMB-464	15/06/2020
BTech	Mechanical Engineering	08/07/2019	CATIA V5 Fundamental, ME-464	08/07/2019
BTech	Electronics and Communication	18/07/2019	Signal Processing and its Applications, EC-464	18/07/2019
BTech	Biotechnology, Biomedical, Bioinformatics and Agriculture Technology	08/07/2019	Environment, health and Life Sustainability, AG-464	08/07/2019
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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	01/01/2019
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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	Applied Mathematics	27/07/2019

## 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
Digital Marketing	15/06/2020	25
Career building	01/10/2019	32
Placement preparation	16/01/2020	32
Importance of Internship	01/02/2020	27
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	ME, CS, EC, AI, BI, BT and BM	546
MBA	HR, FM, Marketing and Agri-Business	65
MSc	BT, MB and BM	55
MCA	Computer Application	41
Mtech	CS, Communication, AI, BT, BM and BI	52
BBA	Business Administration	68
BCom	Banking and Finance	63
MCom	Banking and Finance	16
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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

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 takes 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. Students were encouraged to take up application projects. The entrepreneurial skills of the students were enhanced 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 endeavors. 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
MBA	HR, Finance, Marketing and Agri-Business	180	391	131

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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
2019	3167	723	41	36	127

## 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
204	204	15	57	8	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.
- Major Research Project – In this project also mentors help mentees to select topics for the research.
- 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. The Steps initiated by the University are always student-centric. Following committees are also constituted to resolve the student's related problem: Committees:
- Anti Ragging Committee • Grievance Redressal Cell • Research Advisory Board (RAB) • Anti-Ragging Squad
- Counseling Cell • Sexual Harassment Committee • SC/ST and OBC Welfare Committee • Internal Complaint Committee • Institutional Complaint Committee Counseling Cell

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3890	186	1 : 21

## 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
195	186	9	33	70

### 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
2020	Dr. Anita Rathor	Associate Professor	District Coordinator 104-2020, Meerut
2020	Dr. Jayanta Kumar Mahato	Assistant Professor	Young researcher Award
2019	Dr. M. Imran	Associate Professor	Reviewer for International Journal of Innovative Practices and applied research
2020	Dr. M. Imran	Associate Professor	Indian Constitutional Law Review Member
2019	Dr. Vishal Bishnoi	Dean	Teacher Innovation Award
2019	Mr. Aniket Kumar	Assistant Professor	Professional Member of institutes for Engineering Research Publication
2020	Mr. Aniket Kumar	Assistant Professor	Teacher Innovation Award
2020	Prof. Amar Prakash Garg	Vice Chancellor	Sectional President-Environmental Sciences, (108th session of the Indian Science Congress).
2019	Prof. Amar Prakash Garg	Vice Chancellor	Global Outreach Education Award by Global Outreach Research Education Association
2019	Prof. Amar Prakash Garg	Vice Chancellor	"Vaishya Shiromani Ratna-2019" by Vaishya Samaj Meerut and several

other distinctions

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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	06UGBCS	8th/ 4th	25/06/2020	08/07/2021
MBA	05PGMBA	4th/2nd	08/06/2020	25/06/2020
Mtech	03PGMBM	4th/2nd	25/08/2020	29/08/2020
MSc	02PGMSMA	4th/2nd	18/07/2020	23/07/2020

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
3	3620	0.15

## 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
05PGMBA	MBA	HR, Finance, Marketing and Agri-Business	70	64	91.43

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## 2.7 – Student Satisfaction Survey

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

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-SSS-2019-20.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
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International	Ms. Shiva Sharma	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Alpana Joshi	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Snigdha Tiwari	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Saurabh Tyagi	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Maya Datt Joshi	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Mr. Rupesh Kumar	5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA - 2020 )	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Mr. Aniket Kumar	5th Global Outreach Conference on Modern Approaches for Smart Agriculture (	28/02/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)

		MASA - 2020 )		
International	Dr. Ashok Gupta	International Conference on Advances in Business Management for Sustainable Growth BIZCON-2020	24/01/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Anuj Goel	International Conference on Advances in Business Management for Sustainable Growth BIZCON-2020	24/01/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
International	Dr. Abhishek Kumar	International Conference on Advances in Business Management for Sustainable Growth BIZCON-2020	24/01/2020	Shobhit Institute of Engineering and Technology (Deemed to be University)
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	1095	UGC
SRF	730	UGC
Research Associates	365	Shobhit Institute of Engineering and Technology (Deemed to be University)
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### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1	National Human Rights Commission	0.68	0.68
Any Other (Specify)	1	Haldiram, Herbal Drugs, Parag, Super Tech., Crystal Place, Dayal Fertilizers	3.05	3.05
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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
FDP on "Selecting Quality Journals for Publishing papers, related terms and Role of Scopus"	Internal Quality Assessment Cell	11/01/2020
One day visit to World book fair, New Delhi	School of Business Studies (Management)	11/01/2020
Pedagogy of Teaching Mathematics	School of Education	16/01/2020
FDP on "Embedded Systems and IOT", NITTTR Chandigarh	School of Engineering and Technology	27/01/2020
Budget Conclave	School of Business Studies (Management)	01/02/2020
Ignited Mind Lecture Series, on "Leadership Skills"	Internal Quality Assessment Cell	04/02/2020
Special lecture on CORONA virus titled "structure, mechanism of transmission, prevention and treatment"	School of Biological Engineering and Science	11/02/2020
One Day basic training on Human Rights	School of Law and constitutional Studies	15/02/2020
Workshop on Green energy and Atmosphere by Prof. Devashish Benarjee.	School of Biological Engineering and Science	21/02/2020
Workshop on "Tobacco Control"	School of Biological Engineering and Science	26/02/2020
Nukkad Natak in Maithna village for Legal services chief guest Honourable civil Judge Shri Vinay Prakash Ji	School of Law and constitutional Studies	26/02/2020
National Science Day celebrated, Theme "Women in Science"	School of Engineering and Technology	28/02/2020
Wellbeing Summit	School of Biological Engineering and Science	01/03/2020
Convocation chief guest Shri Satyapal Malik (Honourable Governor of Goa)	Internal Quality Assessment Cell	14/03/2020
Logo Making Competition	School of Engineering and Technology	11/04/2020

Online essay writing completion on the topic "Impact of Covid-19 Pandemic on Global Economy"	School of Buisness Studies (Management)	24/04/2020
Professional Online Certificate Course on Digital Marketing	School of Engineering and Technology	15/06/2020
BIZCON- 2020, on Advances in Business Management for Sustainable Growth	School of Buisness Studies (Management)	24/01/2020
5th Global Outreach Conference on Modern Approaches for Smart Agriculture ( MASA-2020)	School of Biological Engineering and Science	28/02/2020
Bio-Diversity and Human Welfare on World Environment Day	School of Biological Engineering and Science	05/06/2020
International Meet on "Preparation of Home Quarantine Schedule/Protocol"	School of Biological Engineering and Science	15/06/2020
International e-Conference on "Bio-Electronics Informatics in the Present Scenario: ECBI-2020	Department of Electronics and Communication Engineering	26/06/2020
Training Program on "Environment, health and Life Sustainability", by School of Biological Engineering and life sciences	School of Biological Engineering and Science	08/07/2019
CATIA V5 Fundamental course	School of Engineering and Technology	08/07/2019
Workshop on "Personal Enrichment and Life Skills" by Dr. Poonam Devdutt	School of Buisness Studies (Management)	16/07/2019
Signal Processing and its Applications	School of Engineering and Technology	18/07/2019
Jal Shakti Divas and Development of Very Inexpensive Rain Water Harvesting system	School of Engineering and Technology	22/07/2019
Plantation drive "one student-one tree"	School of Biological Engineering and Science	15/08/2019
"I am a good citizen" in collaboration with SP-traffic police, Meerut	School of Law and constitutional Studies	19/08/2019

Faculty development programme by Prof. S.A. Ansari, Director ARC, Allahabad, on "Research Methodology"	School of Buisness Studies (Management)	07/09/2019
Meerut Development Conclave, in collaboration with The Times of India and The Ultimate Knowledge (TUK)	School of Buisness Studies (Management)	09/09/2019
Workshop on "Understanding the Ongoing Economic Slowdown"	School of Buisness Studies (Management)	13/09/2019
Vishwakarma Jayanti Celebration	School of Engineering and Technology	17/09/2019
"Say No to Plastic" Exclamation Rally	School of Biological Engineering and Science	20/09/2019
Workshop on "Yoga" The key to unlock the door of success and happiness"	School of Buisness Studies (Management)	21/09/2019
Workshop on Zero Budget Natural Farming by CCS University	School of Biological Engineering and Science	21/09/2019
Seminar on "Energy conservation, Renewable energy, Efficient use of Energy resources and their Environmental impact	School of Engineering and Technology	12/10/2019
Language Lab. training	School of Engineering and Technology	11/10/2019
Work and contribution of Noble prize winner, Economist Dr. Abhijeet Banerjee	School of Buisness Studies (Management)	15/10/2019
Microsoft Excel Level-3	School of Engineering and Technology	14/10/2019
Visit of Major General Sunil Chandra (Retd.) to the campus	Internal Quality Assesment Cell	16/10/2019
To make aware Students about Indian culture and festivals	School of Buisness Studies (Management)	16/10/2019
Educational Visit to "National Small Industries Corporation"	School of Buisness Studies (Management)	21/10/2019
Carefulness and Awareness week celebration through Poster making and Speech (Vigilance Awareness	School of Law and constitutional Studies	06/11/2019



Week)		
One day visit at Dept. of Radiology and radiotherapy LLRM medical college, Meerut	School of Biological Engineering and Science	15/11/2019
Development of software to cure 11 types of diseases related to heart by Paridhi Goel	School of Engineering and Technology	20/11/2019
Free medical health check up camp in village Maithana Indra Singh, Meerut in collaboration with LLRM Medical College, Meerut and Garg Multispeciality Dental Clinic and Orthodontics Centre	School of Biological Engineering and Science	25/11/2019
Development of solar Car by Students of Mechanical engineering department	School of Engineering and Technology	19/12/2019
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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
Young Biotechnologist Award	Dr. Snigdha Tiwari	Academy for Environment and Life Sciences (Agra)	23/02/2020	Teachers
TOP 15 B-School in North Zone of India	Shobhit Institute of Engineering Technology, Meerut	Times B-School	22/02/2020	Institution
TOP 50 B-School of India in overall category	Shobhit Institute of Engineering Technology, Meerut	Times B-School	22/02/2020	Institution
Teacher Innovation Award	Dr. Vishal Bishnoi	Shri Arvind Society	30/09/2019	Teachers
Life time professional membership	Dr. Jyoti Sharma	Institute of Scholars (Unit of SDPL), Bangalore.	01/07/2020	Teachers
Research excellence award	Dr. Jyoti Sharma	Institute of Scholars (Unit of SDPL), Bangalore.	01/07/2020	Teachers
Professional	Dr. Jayanto	Institute of	16/05/2020	Teachers

Member	Mahto	Scholars (Unit of SDPL), Bangalore.		
Young Researcher Award	Dr. Jayanto Mahto	Institute of Scholars (Unit of SDPL), Bangalore.	16/05/2020	Teachers
Member of the Selection Committee	Prof. A.P. Garg	(107th session of the Indian Science Congress).	07/01/2020	Teachers
<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
Shobhit Institute of Engineering and Technology	Mr. Tanishq Chandra	Shobhit Institute of Engineering and Technology	Smart Hand Washing Basin, COVID-19	IOT	25/04/2020
Shobhit Institute of Engineering and Technology	Ms. Paridhi Goel	Shobhit Institute of Engineering and Technology	Development of software to cure 11 types of diseases related to heart	Biomedical	19/11/2019
<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	2
School of Business Studies (Management)	4
School of Law Constitutional Studies	2
Department of Biotechnology	1
Department of Biomedical	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	148	1.21
<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	61
<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	00	01/01/2019
<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
Service Quality Dimensions of E-retailing of Islamic Banks and Its Impact on Customer Satisfaction: An Empirical Investigation of Kingdom of Saudi Arabia	Mosab I. TABASH, Moteb A. ALBUGAMI, Mairaj SALIM and Asif AKHTAR	Journal of Asian Finance, Economics and Business (JAFEB)	2019	0.66	Shobhit Institute of Engineering Technology	20
<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
Effects of UV irradiation on Fission-fragment track parameters in Makrofol-E detector	R. K. Jain, S. Kumar, A. Kumar, Aniket Kumar, M. K. Singh and V. Singh	International Journal of Modern Physics E, World Scientific Publishing Company	2019	58	3	Shobhit Institute of Engineering 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	22	78	32	41
Presented papers	21	34	3	4
Resource persons	5	11	21	38

[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)
School of Business Studies (Management)	Online Certification Course on Managing emotions	Shobhit Institute of Engineering and Technology (Deemed to be University)	50000

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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
School of Law and Constitutional Studies	Basic training on Human Rights	Meerut Bar Association, Faculties of Law Institutes	67500	73
Department of Computer Science and Engineering	Python Programming	Arnav Infosoft Private Limited	38000	19
School of Business Studies (Management)	Digital Marketing	Hira Times, Meerut	19000	20
School of Education	Online Yoga for wellness- A way of Life	Broadway Media Link, Meerut	12000	24

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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
Workshop on "Tobacco Control"	Shobhit Institute of Engineering and	34	93

	technology (Deemed to be University)		
Cleanliness Drive	Shobhit Institute of Engineering and technology (Deemed to be University)	118	274
"Say No to Plastic" Exclamation Rally	Shobhit Institute of Engineering and technology (Deemed to be University)	12	187
Plantation Drive One student One Tree	Shobhit Institute of Engineering and technology (Deemed to be University)	10	65
Blood Donation Camp	LLRM, Meerut and Shobhit Institute of Engineering and technology (Deemed to be University)	11	115
Health Check-up Camp	Garg Multispecialty Dental Clinic, Orthodontics Centre, LLRM, Meerut and Shobhit Institute of Engineering and technology (Deemed to be University)	8	1000
Yoga Week Celebration Online	Shobhit Institute of Engineering and Technology (Deemed to be University)	5	153
<a href="#">View File</a>			

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	LLRM, Meerut	115
Health Check-up Camp	Recognition	Gram Panchayat, Maithana Indrasingh Village, Daurala Meerut, U.P.	1000
Cleanliness Drive	Recognition	Gram Panchayat, Maithana Indrasingh Village, Daurala Meerut, U.P.	274
<a href="#">View File</a>			

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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Yoga camp	Shobhit Institute of Engineering and Technology (Deemed to be University)	Virtually Organised for University employees and local people	5	153
Swacch Bharat Abhiyan	Shobhit Institute of Engineering and Technology (Deemed to be University)	Cleaning of local premises	9	312
<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
Analysis of toxic metals in Ground water near Yamuna River , ITL Labs Pvt. Ltd., Delhi 58	Mr. Basudev (Research Scholar)	Shobhit Institute of Engineering and Technology (Deemed to be University)	182
Research activity in nuclear physics lab, Physics department, BHU	Mr. Sanjay Kumar (Research Scholar)	Shobhit Institute of Engineering and Technology (Deemed to be University)	7
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)	7
Inmas Institute of Nuclear Medicine Allied Science, New Delhi	Ms. Beena Rawat	Shobhit Institute of Engineering and Technology (Deemed to be University)	60
Research on eight different types Vinegar at vigour of Village	Ms. Jyotsana Singh	Shobhit Institute of Engineering and Technology (Deemed to be University)	334
<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	Duration From	Duration To	Participant
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		with contact details			
Academia-Industry collabration	Internship	Internshala	16/01/2020	02/07/2020	10
<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
The Institute of Urban Agriculture of the Chinese Academy of Agricultural Sciences (IUA of CAAS)	16/05/2020	To work to develop agreements or programs for exchanging academic, research and other educational materials.	3
Tribhuvan University, Kirtipur, Kathmandu (Nepal)	21/10/2019	To provide a framework to undertake joint activities which include development of the collaborative research projects and joint Ph.D. program, Mobility of students, research scholars, academician for undertaking academic/research activities	4
The Institute of Electrical and Electronics Engineers, (IEEE)	18/10/2019	To explore the accessibility of eBooks through IEEE in PDF format for the benefits of students and faculty of the University.	784
S.M.P. Govt. Girls P.G. College Madhavpuram, Meerut	18/12/2019	To Develop a collaborative research projects.	4
<a href="#">View File</a>			

## 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
--	--

115

115

## 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Seminar Halls	Existing
Class rooms	Existing
Laboratories	Existing
Campus Area	Existing
<a href="#">View File</a>	

## 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-16	2019

## 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	43678	21349968	519	180043	44197	21530011
Reference Books	7137	3568500	215	107500	7352	3676000
Journals	215	219240	250	36265	465	255505
CD & Video	1377	6885	500	2500	1877	9385
e-Books	9154000	404176	5000	13570	9159000	417746
e-Journals	49551546	436010	4500000	509010	54051546	945020
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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 &amp; 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
Jitendra Kumar Singh Jadon	Non-Traditional Manufacturing Processes	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php">https://www.shobhituniversity.ac.in/sum-econtent.php</a>	20/01/2020
Mr. Raj Kishor Singh	Heat Transfer	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php">https://www.shobhituniversity.ac.in/sum-econtent.php</a>	20/07/2019
Dr. Jayanta Mahato	Monograph, Material Engineering	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php">https://www.shobhituniversity.ac.in/sum-econtent.php</a>	24/07/2019



Dr. Neha Vasistha	Monograph, Management Practices Organisational Behaviour	<a href="https://www.shobhituniversity.ac.in/sum-econtent.php">https://www.shobhituniversity.ac.in/sum-econtent.php</a>	24/07/2019
<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	164
Added	0	0	0	2	0	0	0	0	11
<b>Total</b>	<b>550</b>	<b>10</b>	<b>550</b>	<b>6</b>	<b>7</b>	<b>40</b>	<b>13</b>	<b>1024</b>	<b>175</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.shobhituniversity.ac.in/seminar-and-conferences/pdf/International-e-Seminar-on-Biodiversity-&amp;-Human-Welfare-5-6th-June-2020.pdf">https://www.shobhituniversity.ac.in/seminar-and-conferences/pdf/International-e-Seminar-on-Biodiversity-&amp;-Human-Welfare-5-6th-June-2020.pdf</a>
Handycam, Scanner, Internet, Wi-Fi etc	<a href="https://www.facebook.com/ShobhitUniversityIndia/videos/621239652069875">https://www.facebook.com/ShobhitUniversityIndia/videos/621239652069875</a>
Handycam, Scanner, Internet, Wi-Fi etc	<a href="https://www.facebook.com/ShobhitUniversityIndia/videos/312655533061970">https://www.facebook.com/ShobhitUniversityIndia/videos/312655533061970</a>
Handycam, Scanner, Internet, Wi-Fi etc	<a href="https://www.shobhituniversity.ac.in/seminar-and-conferences/pdf/internationale-conference-on-bio-electronics-&amp;-informatics-in-the-present-scenario-ECBI-2020.pdf">https://www.shobhituniversity.ac.in/seminar-and-conferences/pdf/internationale-conference-on-bio-electronics-&amp;-informatics-in-the-present-scenario-ECBI-2020.pdf</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
22	21.06	26	25.73

##### 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-19-20.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	165	3300000
Financial Support from Other Sources			
a) National	U.P. ZILA SAMAJ KALYAN VIBHAG	82	2349555
b) International	Nil	Nil	0

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Ignited Mind Lecture Series, on "Leadership Skills"	04/02/2020	161	Shobhit Institute of Engineering and Technology (Deemed to be University)
Workshop on "Yoga" The key to unlock the door of success and happiness"	21/09/2019	107	Shobhit Institute of Engineering and Technology (Deemed to be University)
Orientation Programme for Freshers	05/08/2019	204	Shobhit Institute of Engineering and Technology (Deemed to be University)

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Career Counselling and UTDC	54	240	3	78

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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
3	3	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
Coopar Standard Pvt. Ltd., Mohan Nagar, Ghaziabad	32	9	Jivsena	15	10

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### 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
2019	1	B.Com.	Management	Delhi University	LLB
<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
Any Other	21
NET	1
<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
Annual Sports Meet	Annual	638
SPIC MACAY	cultural programme	173
Farewell Party	Annual	151
Freshers Party	Annual	73
Republic Day Celebration	Annual	54
Independence Day Celebration	Annual	43
<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
2019	Mr. India	National	1	Nil	MRT17PGD Y001	Ajay Yadav
<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 student's representatives are included in Committees which are concerned with the welfare of the student's 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. 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, Mother tongue Day, and National Days of foreign students 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. University has set up a Centre for Psychology Human Behavior for Psycho-social Support for students, faculty members others during Covid-19 pandemic.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

3438

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

14500

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 (The ANUBHAV) was held on 1st February, 2020 at National Sports Club of India in New Delhi. 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 networking. The students are provided emails and other contact details to facilitate their contacts and frequent interactions. Alumni also visited the campus and interacted with the students, guided them about their career prospects. They suggested that there should a common email i.d. or a common platform where the current students can freely interact and exchange their ideas and views. The administration has decided to create a common platform for day-to-day interaction of the students with their seniors which will greatly benefit them in finding suitable training and placements and to sort out their routine problems while working in different organizations.

## **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)

Shobhit University has always promoted decentralization and participative management as a form of democratic governance as it believes it would result in creating an ambience favorable for overall growth. Right from the Chancellor of the University to the staff and students, all the stakeholders have a role to play in the building of the University. Their involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the University. 1. Dean/Director Level: Departments are requested to present their annual Action Plan at the beginning of every academic year with a clear-cut roadmap. Departmental level matters are discussed by the HOD with the faculty team in consultation with the Dean/Director. Deans and Directors have full autonomy for purchase of consumable items of daily use like laboratory chemicals etc. They take the decisions for purchase of non-consumable equipments as and when required. They are also free to take decisions for routine repairs and maintenance. They take decisions with respects to time schedule of conduct of examinations including the appointment of paper setters, examiners / evaluators. 2. Faculty and Student Level :Faculty members and Students are given representation in various committees/cells and encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities and have authority to conduct industrial tours and to have tie up with industry experts, appointed as



coordinator and convener for organizing seminars/ workshops/ conferences/ FDPs. Participative Management in a visible participative management, the Chancellor takes the lead in driving the university in all its activities such as Academic Activities, Collaborations with National and International Organizations, Exchange Programs, Tie Ups with Industries for on Job Training, encouraging facilities to undertake research and incentives are provided. Management is always involved in all the welfare activities of University including, financial support, fee relaxations and other medical benefits. The institute promotes a culture of participative management by involving the staff and students in various activities. Strategic Level: The Dean, Director, Academic Coordinators and Staff Members are involved in coordination with IQAC in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counseling, training development, and library services etc. • During various programs to be conducted by the institute all the staff members meet, discuss, share their opinion and plan for the event and form various committees involving students and coordinate with others. • Staff members are also involved in deciding academic activities and examinations to be conducted by the college. Functional Level • Faculty members participate in sharing the knowledge on the latest trends in technology during faculty meetings. • Staff members actively participate in implementing the policies, procedures, and framework in order to maintain and achieve the quality standards. • Office staffs are involved in executing day

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

Yes

## 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
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• 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</li> <li>• 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.</li> <li>• University collaborates with reputed Corporates and International Institutions.</li> <li>• Establishment of Corporate Training cell.</li> <li>• Field Visits / Industry visits for faculty and students.</li> <li>• Industry Personnel as representatives in BOS.</li> <li>•</li> </ul>

Research Centers in collaboration with industries.

Admission of Students

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 • Complete information of courses, fees, facilities and about the University is available on website. • Social media is utilized to reach out to the target audience for brand building and generating awareness. • A helpdesk provides all support and help to streamline the admission process• Students from all sections of society irrespective of caste, creed, class and gender are admitted thereby keeping to the objective of education for all. •For financial matters of the admission, all the payment process is also done online• Last dates are widely circulated and fixed as per guidelines of UGC. The fee of drop out students is refunded as per UGC guidelines

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.

Teaching and Learning

University is taking all necessary steps to introduce ICT enabled teaching learning methods and innovative practices and teachers and students participate in it. • Online Courseware,



Webinars, Virtual labs, Video lectures

- Choice Based Credit System (CBCS)
- Choice of NCGPA credits / Credit Transfer / MOOC equivalence
- Online Assessments, LMS, Smart Class rooms
- Feedback from the stakeholders is 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. Presentation, Discussion method, peered learning is applied in the class room teaching to make learning effective.
- Faculty is encouraged to develop e-content.
- Various orientation /seminars educational program/ symposia and conferences are organized by the institutions as per the course to equipped the students to get knowledge of the subject

Examination and Evaluation

- Continuous Internal Assessment System is designed to give freedom to faculties to decide on their internal assessments. E1, 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

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".

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

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. • Different databases are available in library website to enable the research scholars to browse review of literature for their thesis such as DELNET, Shodhganga, Urkund Plagiarism Software etc. • 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. • University has good physical infrastructure for imparting education to the students. LCD projectors have been installed in classroom to facilitate classroom teaching. • Computer Lab is well equipped with computing resources to cater to the technological needs of the Institute • The Institute has a Sports room for recreational purpose of students and faculty.

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

E-governance area	Details
<p>Planning and Development</p>	<p>To use ICT in University-events and activities, institute uses personal e-mails (G-Suite University Account by Google for e-mail "@Shobhituniversity.ac.in"). Important notices and reports are also circulated via e-mails. E-governance is the integration of Information and Communication Technology in all the working processes of the system. It</p>

aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective. Institute maintains all day to day the activities through e governance. It helps to provide the brief notice of any event to be happened on University What'sApp Group for awareness and of smooth functioning of the same.. The University has Biometric attendance for teaching and non-teaching staff. The important events of the University are shown through Facebook live page of Shobhit University India and also through the faculty members including the Vice Chancellor.

Administration

All the information is circulated and collected through emails excluding the file works • The University has Biometric attendance for teaching and nonteaching staff. • 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. Online meetings between faculty members and administration are being organized, Online interaction of the students and administration are also organized from time to time.

Finance and Accounts

All the information is circulated and collected through emails excluding the file works. The students are informed about the deposit of fee and their dues through their individual mails.

Student Admission and Support

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. • 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. • The students are encouraged to communicate on emails too to get any studies/ research related queries sorted out

Examination

University has the separate Examination department with equipped ITC tools necessary for examination

purpose. • The questions papers are asked from the paper setters through dedicated emails. • 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. • Students can access results from University website • The students can file their requests related to examinations through emails. • The marks of the students are sent them through emails. • Moreover, the internal assessment exams are now being conducted using this LMS platform and also the semester End exams. The exams are being conducted quite successfully especially during the tough time of Pandemic Covid-19. The awards of the students are sent through their individual mails.

### 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	Dr. Kaushiki Mukharjee	Workshop by National Hand-Made paper Institute	Shobhit Institute of Engineering and Technology (Deemed to be University)	11800

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP	Research Methodology	07/09/2019	07/09/2019	78	2
2020	FDP	Selecting Quality Journals for Publishing papers,	11/01/2020	11/01/2020	92	3

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Course "Fundamentals of Electronic Device Fabrications"	1	13/08/2019	13/09/2019	31

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
186	153	74	60

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
The University is motivating, supporting and facilitating existing faculty to pursue research and acquire higher qualifications. Besides these, from time to time the University organizes faculty development and training programs.	Qualification Enhancement / Faculty Improvement Programme, Conferences / Seminars.	Conferences / Seminars, Internet Facility, Bank facility, Sports and Recreation Facilities etc.

## 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	100000	Research and Development
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6.4.3 – Total corpus fund generated

102425000
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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	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

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

Not applicable.
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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. • Information provided to Student through LMS • During admission process, the students and parents are counseled • During orientation program for fresher, parents are also sensitized about the functioning of University. • Parents are also invited to be a part of extracurricular activities. • University Activities, Attendance and Performance of the students discussed with the parents through phone email • The parents are also encouraged to share feedback on educational processes, infrastructure, faculty and hostel facilities and their feedback is used for constant up gradation of facilities. • Parents have access to the top authority of the University, the Vice Chancellor to contact him either on phone or through mail. Vice Chancellor also directly keeps in touch with responsive parents to know their views and feedback. Since, the Vice Chancellor belongs to Meerut and lives here for the last more than 35 years and get an opportunity to interact with various parents in social meetings which helps the University for improvement.

6.5.4 – Development programmes for support staff (at least three)

Qualification Enhancement / Faculty Improvement Programme, Conferences / Seminars.
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

• Effective handout system • Revise Research Policy for Incentive Scheme for Scholars Faculty • Emphasis on ICT Strengthening ERP • Quality research (Admission through entrance test, Course work followed by examination, RDC with external expert, online interaction with research students and supervisors facilitated, 6-monthly progress report, pre-presentation seminar, plagiarism check, mandatory publications in UGC CARE journals, uploading of thesis on "Shodh Ganga" • Campus beautification, Green and Clean campus, eco-friendly environment including cultivation of Gladiolus on the campus to find out its possibility to grow in Meerut for the improvement of farmers income. • Facilities for specially - abled students strengthened • e-governance implemented in administrative and examination process

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
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
2020	Convocation Preparation	12/03/2020	09/01/2020	12/03/2020	123
2020	COVID-19 Pandemic Preparation	12/03/2020	12/03/2020	17/03/2020	218
2019	Exam Preparation	25/11/2020	25/11/2019	19/12/2020	108
2019	Smooth Functioning all the activities of the Semester	22/07/2019	24/07/2019	23/11/2019	107

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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
National Science Day celebrated, Theme "Women in Science"	28/02/2020	28/02/2020	73	69



Basic Training on Human Rights	15/02/2020	15/02/2020	103	67
Women in Science on National science Day	28/02/2020	28/02/2020	163	83

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
100KVA Solar Power plant, Tree plantation programmes are organized., Energy conservation, Water harvesting and Check dam construction and Efforts for Carbon neutrality. Rain water harvesting. Paperless working with the use of digital communication and MIS.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	21
Provision for lift	No	Nil
Ramp/Rails	Yes	25

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	15/08/2019	1	Plantation drive "one student-one tree"	Plantation	744
2019	1	1	25/11/2019	1	Free medical health check up camp in village Maithana Indra Singh, Meerut in collaboration with LLRM Medical College, Meerut and Garg Multispeciality	Health and Fitness	283

					Dental Clinic and Orthodontics Centre		
2020	1	1	26/02/2020	1	Workshop on "Tobacco Control"	Health and Fitness	168
2019	1	1	18/12/2019	1	S.M.P. Govt. Girls P.G. College Madhavpuram, Meerut	To Develop a collaborative research projects.	4
2020	1	1	06/05/2020	1	The Institute of Urban Agriculture of the Chinese Academy of Agricultural Sciences (IUA of CAAS)	To work to develop a agreements or programs for exchanging academic, research and other educational materials.	3
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Research and Publication Ethics (RPE)-Course in Ph.D.	19/08/2019	Research and Publication Ethics (RPE)-Course for awareness about the publication ethics and publication misconducts, Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.).
Anti-plagiarism policy	19/08/2019	Plagiarism check policy is applicable for teaching and non-teaching staff, students, scholars, and researchers. The policy states the percentage of plagiarism accepted and

the consequences if the percentage gets exceeded. Thesis with less than 10 plagiarism is allowed to be submitted

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Health check-up camp	08/02/2020	08/02/2020	379
Blood Donation Camp	08/02/2020	08/02/2020	137

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

**Paperless:** Use of ERP for maintaining attendance, student records, declaration of results, accountancy etc., which is conducive in minimizing the use of papers. Most of the official notices, circular, student information notice is through online applications. Efficient use and Reuse of paper is promoted. The Vice Chancellor is the Sectional President of Environmental Science of Indian Science Congress for the session 2020-21, hence, he himself is promoting, supporting and encouraging eco-friendly environment on the campus.

- **Energy conservation:** Entire lighting system in the campus is supportive of energy conservation. Implementing energy saving techniques ensures that the electronic equipment's 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. It contributes to most of the 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 the limited emissions from the vehicles. All vehicles reaching campus are parked near the gate 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:** All stakeholders engage themselves with the local population in the peripheral area for planting trees during the Van Mahotsav days in the Monsoon. All ceremonies and events 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
- **Plastic Ban:** Plastic bags never degrade completely and increase plastic pollution and its effects. Ban of plastic bags will help reduce this pollution.
- **Swachh Bharat Abhiyan, 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 participate in University Wall Paintings. All classes, staff rooms, and laboratories are provided with dustbins for effective garbage disposal all around the campus.

#### 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Practice I : In later part of the academic session 2019-20, the University adopted a policy of online teaching and learning. Being a Microbiologist, the Vice Chancellor visualized the long term lock down of the society as early as on March 17, 2020 and he asked all faulty members to start teaching the students online. The faculty members started teaching and learning online initially through sharing power point presentations through mail followed by discussions on What'sApp and later on shifted to Google Meet. Initially, the students faced certain difficulties but soon they realized that it was the only alternative under the present lock down situation. They picked up the system within two weeks and started enjoying the teaching learning and planning of study under the new environment. The focus was on providing the answer of the questions raised by the students and simple method of presentation of e-content to the students. All examinations were also conducted online and no student was promoted without examinations. The University found that the percentage of attendance in the classes as well as examinations improved and the University did not compromise with the quality of education. Practice II: The University has developed an interactive student friendly system for research. The Course work is being organized online in the evening from 5 p.m. to 8 p.m. and the experts from outside have also joined to give the best to them. Online interaction with the students and supervisors and Deans is arranged every week in the evening from 6 p.m. subject wise where the Vice Chancellor also joins and the problems of the students are sorted out then and there. The students are given choice to select their supervisors and even to add co-supervisors as per the academic need and requirements of the candidate. Research degree committee meeting is held online twice in a year where the Vice Chancellor himself chairs the meeting and record the suggestions of the Committee. After necessary modifications only, the synopsis is approved. 6-monthly progress report is monitored online. Pre-presentation seminar is extensive in presence of all faculty members and research scholars and the submission is allowed only after incorporation of all suggestions. Plagiarism is checked and allowed only up to maximum 10 percent. The thesis is sent for evaluation to three examiners of repute in the subject. No local or nearby examiner is appointed, consent is sought through electronic means and thesis is dispatched in less than a week of submission. Publication of minimum three research papers in UGC CARE journals and two presentations in conference is mandatory prior to submission of thesis. After successful viva voce examination, the provisional certificate is issued in less than 24 h. The entire system has been streamlined. The thesis is uploaded on public domain on "Shodh Ganga" as soon as the viva voce is conducted and the corrections if any are made as per the suggestions of the board of examiners.

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

### 7.3 – Institutional Distinctiveness

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

The University is focusing on interdisciplinary programs in the niche areas of Agri-informatics, Bio-informatics, Bio-medical Engineering, Microbiology and Biotechnology and 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 recently. The University has tested 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. The University has also developed a new variety of Gladiolus named "Shobhit Snow White" which has been approved by Gladiolus varieties approving body. The University has been able multiply "Rudraksha" plant here on the campus and we are supplying these to public and important persons. We have also able to induce fruiting in Rudraksha tree under Meerut climatic conditions and we are of firm view that this endangered plant can be cultivated anywhere. Department of Biotechnology has successfully micro-propagated Rudraksha into callus and the efforts are being made to induce differentiation into roots and shoots. Department of Microbiology is advising local industry in purification of vinegar products with more clarity. Department of Bio-medical Engineering has done pioneering work on physic-electrical properties of Rudraksha. The University is working on a sustainable system to improve farmers income.

Provide the weblink of the institution

<https://www.shobhituniversity.ac.in/pdf/naac/NAAC-Best-Practices-2019-20.pdf>

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

- Strengthening of existing MOUs and entering into newer MOUs
- More emphasis on research funded projects, patents, Copy rights. Measures and Monitoring.
- The University will pursue collaborations with industries and institutions to develop new technologies for the benefit of the mankind
- Establishment of IPR Cell
- Scopus and web of science indexed high impact publications.
- Updation of Language lab for improving language skills /Interactive projector to translate the curriculum effectively
- Participate in NIRF ranking.
- To apply and aim for more sponsored funding projects