SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

SHOBHIT INSTITUTE OF ENGINEERING AND TECHNOLOGY

SHOBHIT INSTITUTE OF ENGINEERING AND TECHNOLOGY(\DEEMED TO-BE UNIVERSITY), NH-58, MODIPURAM, DULHERA MARG, MEERUT, UP-250110
250110
https://www.shobhituniversity.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

In a knowledge-based economy in the global marketplace, there is a tough competition among various institutions in India and abroad. Shobhit Institute of Engineering and Technology(Deemed to-be-University) is a privileged institutionwith a legacy of 100 years when first College namely, "Hindu Anglo Nagrik Inter College" now known as Hindu Rashtriya Inter College, at Gangoh, Saharanpur, was established by the noble initiative, inspiration and commitment of Babu Kedarnath Ji, in 1924 that was inaugurated by Pandit Jawahar Lal Nehru with a the historical commitment to empower the community through education.

In Meerut, the same journey was continued from the village Dulhera (District Meerut) by establishing Shobhit Institute of Engineering & Technology for conducting programs with affiliations from UP Technical University, Lucknow/Ch. Charan Singh University, Meerut and with approval from AICTE.

Acknowledging our mission to create the quality human resources, in the niche and emerging areas, the Government of India, Ministry of Human Resource Development, vide its notification No. F-9-37/2004-U.3 (A) dated 8th November, 2006 under Section 3 of the University Grants Commission Act, 1956 granted *de-novo* "Deemed to-be University" status to the Shobhit Institute of Engineering & Technology, Meerut.

The University is currently offering 32 programs in disciplines related to Engineering, Basic & Applied Sciences, Management and Law as undergraduate, postgraduate and doctoral programs. The University has attracted students from almost all the States of India including various international destinations.

The University has adopted two villages namely-Dulhera & Maithana Inder Singh, familiarizing villagers with SMS Kisan Portal, Kisan Call Centers, Computer Literacy, Health Check-up Camps, Legal Literacy Camps etc.

Shobhit Institute of Engineering and Technology(Deemed to-be-University) is the research oriented rural University that excels in Life Sciences including Biomedical Engineering, Biotechnology and Agricultural Technology + Agri-business Management, The University has been actively involved to prepare a draft paper on vision of Hon'ble The Prime Minister of India, Shri Narendra Modi ji for "Doublinmg Farmers Income by 2022" and "Open Source Digital Technology" for Atmanirbhar Bharat, "Beti Bachao Beti Padhao", "Unnat Bharat Abhiyan" "Plantation Drive", "Conservation of Biodiversity", "Fit India Healthy India", "Digital India", "Swachchata Abhiyan" "Khelo India" and"Rashtriya Gokul Mission" The University has organized large number of conferences, seminars, workshops, training programs almost by each and every Departments for active academic interaction and exposure. The exponential increase in the number of research scholars at SIET with large number of quality publications and patents speaks the growth of the University.

Vision

The University will be internationally recognized as a premier Indian University with a global perspective that educate leaders who will fashion a more humane and just world. It is to develop University as a brand in technical education, research and industrially relevant innovations at national and global level. We also strive to be a leading world class University, a key node in national and global knowledge network which will empower

India with knowledge and innovations.

Mission

The core mission of the University is to promote learning in Indian tradition with international outlook. The University offers undergraduate, graduate, research scholars and professional students, the knowledge and skills needed to succeed as persons and professional in niche technical areas, and the values and sensitivity necessary to be men and women.

The University will distinguish itself as a diverse, socially responsible learning community of high quality scholarship and academic rigor, sustained by Indian ethics & values. The University will draw from the cultural, intellectual and economic resources of the nation to enrich and strengthen its educational programs.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strength

1. The University is governed by the statutory norms of regulating bodieslike the UGC and the government policies that make it easier procedures on the admission, recruitment, and qualification of teachers toremain rigid where no subjective decision can be taken. Hence, theUniversity, while it enjoys enormous flexibility in its inner dynamics ofimprovement, it remains self-disciplined as well owing to the governmentprescriptions.
2. Highly professional Faculty with the University ensures propercomprehension of subject and thrust areas to deliver knowledge matterand persuasion points properly.
3. The University has full power to structure and execute their tasks. TheUniversity provides strong motivation to Teachers and the Students tocreate positive ways of completing the task. Well-set procedures provideboth the emphasis of regularity on the tasks and the flexibility fortaking policy decisions and contingency management.
4. The University enjoys potent inter-institutional interface with newapparatuses like Technology incubator, International Skills DevelopmentCentre, Entrepreneurship and Innovation Centre etc. This way, the Universityprovides the students, innovative means of having interface with thoseinstitutions that make way for their aspirational & inspirational needs.
5. Classrooms, laboratory, campus and infrastructure are modern in outlook,facilities and motivating environment. Management Information Systemprovides procedural and transparent working system.
6. The University has student-centric atmosphere; approach to study,research and innovation; and teaching methods. Academic studies andextra-curricular activities are planned in such a way to increase thepersonal and professional attributes of the students.
7. The University has Green Campus, which is inspiring and instructive tothe students to be environment-friendly. The green campus enjoys 100KVA solar energy source.
8. Students and Teachers are having many opportunitiesto voluntarilyget involvedin the peripheral development, skill-development trainings,and extension activities.

Institutional Weakness

1. The "Deemed-to-be" status of the University makes it self-financingUniversity, not only in the matter of academic activities but also for theResearch and Innovation endeavors. Many times, shortage of fundsbecomes a delimiting factor for creating more Research opportunities orfor starting a project for which intellectual wherewithal is not lackingwithin the University. To overcome this, the University is approaching itsAlumni and NRIs to establish Centre of Excellence (COE) in Emerging Areas.
2. Less preference of Government agencies to provide grants for research to self-financed Deemed to-be-Universities.
3. Not being able to offer joint degrees with the national and international collaborating universities and research organizations due to the prevailing regulations.

The approach road that had wider access at the time the Universitywas instituted is now being congested because of construction and businessactivities on the approach road. However, this is not a hindrance topassage for transportation to the University campus.

Institutional Opportunity

1. Whereas being in the peripheral area of NCR has created muchcompetition for the University, it also becomes meaningful in terms of itscloseness to the capital of India. So interaction with the regulatory bodies,other eminent education institutions, Councils and governmentdepartments becomes easier in comparison with institutions situated farfrom the capital. This opportunity is an asset for the University to expandits activities and areas of teaching.
2. Since the University is situated in the NCR, and because of the fact thatthe University has created a multi-ethnic, multi-cultural atmosphereinside the campus, the University has been able to attract students fromvarious other countries. The University is also able to interact with variousEmbassies / High Commissions of the Countries who are friendly to India,for Development Research & Education Projects.
3. Resource sharing and interaction of the students with industries becomeseasier as many industries or their offices are located in the area and in theNCR.
4. Pace of modernization is faster in the area because of which muchautomation in the admission and evaluation matters is now possible. Thisopportunity can further be developed into creating opportunities for thestudents to undertake "Lab-to-Field", "Field-To-Lab", "Lab-To-Lab" and"Field-To-Field" for testing several ICT related applications.
5. It is easier to get resource persons in the NCR so that the university doesnot have to pay high travel charges to the visiting faculty and the visitingscientists and teachers.

Enhancement of research impact for rural upliftment and societal development through innovative technologies.

Institutional Challenge

1. The State University at Meerut has more than 300 affiliated Colleges in and around NCR that providethe education at much cheaper fee, and to compete with them is the challenge that we are meeting byproviding quality education.
2. As the majority of students come from the rural, economically backward class of society, to provide more number of scholarships for education to socio-economically underprivileged students is a challenge.
3. Getting sponsorship and financial support for the autonomous BusinessIncubation.

4. The University cannot abruptly change over to new technology owing tothe lag between faster pace of technology innovation and resources of theuniversity accelerating slowly.

5. To train and involve the entire faculty to utilize latest ICT tools to keep in pace with technology.

6. To promote more multidisciplinary programs in line with National Education Policy and become national hub for all multidisciplinary programs.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The University offers, Ph.D., M.Tech., M.B.A., M.Sc., B.Tech., B.Sc., LAW & Education programs. The courses offered are carefully designed in view of current trends of national needs like Development of appropriate indegenous Technology, Entrepreneurial Skills Development, Legal aspects *etc*. SIET has a robust curriculum development and enrichment process. Twenty -nine of the thirty-two programs offered have seen curriculum revision over the last five years.

Most of the programs of the University lead to professional qualifications, with an emphasis on skills development, competency acquisition and employability enhancement. Choice Based Credit System with elective options have been introduced in all the programs except where there are restrictions by Statutory Regulatory Authorities. A significant number of courses that are part of the curricula have interdisciplinary content. Many of the programs include courses on cross-cutting themes Professional Ethics, IPR and Engineering Ethics, Environment and Sustainability, Health and Hygiene. Value-added courses are offered to students to supplement their curricula. University adheres to the academic calendar for scheduling the lectures / practical. Lecture plan is followed for the course completion. Continuous progress of the curriculum is monitored by the Directors /Heads of the departments. The course delivery is a combination of blended learning, classroom contact sessions, workshops/seminars/certification programs, projects and assignments having industry relevance. University encourages the students for the MOOC courses. There is mandatory internship requirement for UG and PG programs, which integrates crucial work experience. The University is constantly striving and progressing to achieve excellence in academic and research fields. Number of thrust areas, relevant to the geographical location, are identified. In M.Tech. programs, students are suggested to publish their research work in the national or international journals of repute. University encourages interdisciplinary research and exchange of ideas and knowledge in various related fields.

Feedback is obtained from students, teachers, alumni, and industries specifically on the curricula which helps in continuous monitoring and improvement of teaching-learning process. These are analyzed by IQAC, recommendations are considered by concerned Boards of Studies and Academic Council for proper action. Such feedback have led to changes in program content and delivery both.

Teaching-learning and Evaluation

Teaching-Learning is necessary for flourishing the society. The University adopts the student-centric learning methods in its academic process. The University follows a transparent admission policy: The supply to demand ratio of seats in the UNIVERSITY is 1:2.14. The University has not earmarked seats for reserved categories, and provides admission to students of all categories including SC/ST/OBC, economically weaker higher cast,

wards of armed forces personnel and physically challenged students in admissions, however, the reserved categories are given preference.

The University encourages faculties to go for higher studies. The University has 66 Ph.D. holder's faculties. The teacher:student ratio is 1:13.25. There are 161 awards, recognition, fellowship conferred upon the faculties.

Continuous assessment through assignments, tests, quizzes, debates, interactive theme based group discussions, projects etc. is made. Faculty mentors are allotted certain number of students who regularly interact with them to monitor their progress. Students are counselled for their academic improvements and personal problems. Remedial classes are organized for weaker students. Advanced learners are encouraged to put more efforts to secure high ranks in examinations and are guided to succeed in competitive examinations and to pursue higher levels of education.

ICT is integrated lecture method is the pre-dominant teaching method. All programs offered by the University are displayed on university website which include its learning outcomes/graduate attributes. The PSO's are formulated taking into consideration the expectations of job providers, societal needs, national and global requirements and the mandate of professional bodies like UGC, AICTE, BCI, NCTE. The University has an independent "Examination Cell" headed by the Controller of Examinations. The Examination processes are 100 percent automated *viz* hall ticket issue, student registration and result processing.The whole examination system is divided into three components *i.e.* Exam I-20 Marks, Exam II-20 Marks, Exam III - 40 Marks, Assignments/ Additional Academic Activities/ Quiz etc -10 Marks, Attendance-10 Marks. The students are assessed in practical courses through international and external process with equal weightage. The evaluation process starts immediately after the conduct of examinations. The students as well as parents can view the final grade on University website.

Research, Innovations and Extension

The University is committed to be a World Class University providing resourceful platform for value-based education.There is a clear policy for conducting interdisciplinary high throughput research leading to sustainable socioeconomic development of the nation. Faculties are encouraged (by providing seed money/incentives) to actively involved in promotion of research and consultancy work to carry out projects that not only have societal impact but also endorse the logical innovations. Comprehensive policies on responsible conduct of research, intellectual property rights and sharing of consultancy revenueare in place. The Institutional Review Committee scrutinizes research grant applications and implements the policy and guidelines on "Responsible Conduct of Research and Publishing".

- Faculties and Students are awarded seed money for extraordinary research and innovation. An Innovation entrepreneurship development cell is being developed in the University

- The University is recognized by Ministry of Micro, Small &Medium Enterprises (MSME), Govt. of India for the implementation of ASPIRE Scheme "A Scheme for Promotion of Innovation, Rural Industries and Entrepreneurship". Following the execution of a Memorandum of Understanding between the University and Govt. of India, a Local Steering Committee of the Incubation Centre was formed as per the guidelines.

- To promote the innovation in different disciplines university has vibrant clubs (Sports & Health Club; Cultural Activity Club; Creative Activity Club; Yoga Club; Computer Club (Web Designing,

Multimedia, Wikipedia); Literacy Club; Fine Arts Club; Biocosmo Club; Law Club and Adventure Club) which motivate the youngsters to excel and innovate in an imaginative and ingenious environment. University has proactive University Training and Development Cell that always support &promotes the students. These clubs ensure the associations of the student and faculty members in various societaldevelopment causes.

Students and faculty participate in a variety of extension-outreach activities that address long felt needs of local communities. Many people benefit from the free primary health care delivered through the network health centers in adopted villages (**M**aithana, Inder Singh, Sardhana**)**. University has organized several group, individual, in house and extension activities to inculcate the values and commitment to the society. Such activities include health camps, blood donation camps, community development projects, awareness camps, geriatric day-care services, Sparash Kust Jagrukta Abhiyan and Cleanliness drive campaign. The University has responded rapidly during Covid 19 Pandemic by distributing free sanitizers and providing Quarantine center to patients of local community

Infrastructure and Learning Resources

The University is situated amidst a rural setting that spreads over an area of 12.5 acres. The University has state-of-the art infrastructure and lush green campus surrounded with endangered species of plants like Rudraksh and Kalptaru, that are being protected here by way of innovative cultivation and micro-propagation. Infrastructure includes well ventilated proper hygienic administrative block, examination cell, academic buildings, sports facilities, well-furnished hostels (boys and girls separate), chambers for faculty members and non-teaching members.

The University has 5 academic blocks having sufficient numbers of ICT enabled classrooms, tutorial rooms, seminar halls, auditoriums, board rooms and well equipped laboratories etc. Support services like cafeteria/canteens/mess and other facilities are available to staffs and students. The University has lush-green open grounds, indoor and outdoor stadium providing all facilities like Cricket Ground, Basketball courts, volleyball court, football court, hockey field, Kabaddi, Lawn Tennis, athletic tracks of 800 Meters, 400 Meters & 200 Meters. Indoor stadium has badminton court, music room, Chess and carom facility. All facilities are well maintained under the control and guidance of designated staff members. Separate gymnasium with world class facilities and a Yoga center facilitate the students to make themselves physically and mentally fit.

The Auditoriums at the University are fully technologically enabled for holding seminars, symposia and other events. There is one multipurpose hall and green open ground to organize the cultural events. Amidst the university grounds the University has a Saraswati Mandir to connect the students with their religious sentiments where they celebrate various religious fests. There are well established procedures for allocation of budget and expenditure and systems for purchase, utilization and maintenance of the infrastructure.

There are various computer labs with modern technology and the whole campus is well connected with internet. Various wi-fi zones have been established within the campus. The university has a leased line of BSNL of 1Gbps which provides the strong connectivity of the internet.

There is a Central library and departmental libraries. The library is automated with Koha and D-space along with subscription of various e-resources. The library has subscription of Shodh Ganga and original software to detect the plagiarism.

Student Support and Progression

STUDENT SUPPORT

SIET has created a fabric of social inclusion and empowerment, through student centric financial incentives and welfare measures by providing a number of scholarships / fellowships with Government free ships. Various Scholarships namely Babu Vijendra Shourya Samman Scholarships, Adarsh Vidyadhan Scholarships, National Integration Scholarships, Defence Wards Scholarships, Academic Merit Based Scholarships, Chancellor's Scholarships have been instituted. The University extends all possible academic support for advancement of their career. During last five years, student's career are supported by Yoga and meditation, physical fitness, cultural and sports events, career guidance, coaching for NET/GATE/SLET examinations and placement. Various Committees/Cells for Anti-ragging, anti-sexual, hostel committee for girls and boys separately, mess committee, Internal Complaint Committee are functional. Special training for enhancing soft skills, communication skills, personality grooming, remedial coaching for weaker students and others, required for employment, are provided.

STUDENT PROGRESSION

The progression of the students in various programs is regularly monitored; special efforts are made to increase their performance. The institution keeps track of students appearing and qualifying in competitive examinations. Proper notifications are issued in student groups about various courses, employments, fellowships/scholarships in India/abroad. The University Training and Development Cell actively and regularly interacts with the students for their better placement.

STUDENT PARTICIPATION AND ACTIVITIES

For all round development of students, both physical and mental, various activities like Inter-University competitions, NCC, cultural fest, Sports meet, debates, group discussions are organized by throughout the year and the students are encouraged to participate in such events at national and international level. The university has created a student centric model of governance by establishing class representative systems, student advisory committee, hostel representative and mess representative.

ALUMNI ENGAGEMENT

University has functioning Alumni Association duly registered under Society Registration Act. Thousands of alumni are members of the Association who contributes in various domains: give feedbacks on Curriculum, teaching-learning process, new courses that can be conducted to bridge the gap between industry and academia which in turn make our students more employable. Regular meetings, Chapters, and alumni meets are organized so that alumni can interact with each other.

Governance, Leadership and Management

The University has well defined vision, mission, goals, objectives, rules regulations etc for quality higher education in conformity with UGC guidelines based on accountability, transparency and effectiveness. The governance consists of processes and structures to facilitate decision-making and appropriate delegation of power to various bodies as per need. It also ensures that varying interests of stakeholders are appropriately balanced and decisions are taken in rational, informed and transparent manner for overall improvement of

efficiency of the University.

University has qualified, competent administrators to provide effective governance and leadership at all levels. It decentralizes the power and responsibilities for developing and drafting policies and strategic plans for teaching, learning, research, development, industry interaction and globalization. It also helps in sustaining institutional capacity and education effectiveness through involvement of stakeholders in committees/ boards at various levels. As a part of e-governance, University has automated processes.

Service rules, employee welfare schemes, promotion systems are well defined for professional development by encouraging participation in conferences/workshops. Professional development programmes for teaching and non-teaching staff are organized regularly. The University has a well-structured appraisal system for teaching and non- teaching staff.

The resource mobilization is through fee deposits, consultancy, projects, sponsorship etc. with full automation for transparent governance. The compliance of academic and administrative procedures and their continual improvement is ensured through systematic audit by internal and external review meetings organized by the IQAC.

The University has received many awards, recognitions and accreditations from prestigious agencies which indicates its unconditional commitment to provide education aligned with the highest standards. The University has Board of Management (BOM), Academic Council (AC), and Board of Studies (BOS) to achieve the vision & mission.

The administrative positions include Vice-Chancellor, Dean (Research), Dean (Student Affairs), Directors, HoDs and Registrar. All management policies are based on democratic principles of participative management. The University provides highly conducive work environment and academic atmosphere. It provides freedom to faculty members to pursue academic pursuits of one's own choice. University has well established mechanism for monitoring effective and efficient utilization of financial resources through various levels of controls, review and audit.

Institutional Values and Best Practices

The University is committed to the values of inclusiveness, non-discrimination and gender equity. Specific facilities are provided for women students and staff. The campus is safe with guarded entry under CCTV supervision with common rooms for girls, lady faculties including Day-Care Centre for children.

The University has 100 KW Solar Energy Plant and LED bulbs/tubes in the campusto conserve the energy. Green and clean campus with focus on conservation of endangered species like likeRudraksh and Kalpavriksha. Rain water harvesting systems have been installed to recharge the groundwater. All plastic wares are banned in the campus. Organic waste is composted to produce manure. Electronic mail is used to reduce the use of paper. Project reports and theses are printed on both sides. Students are encouraged to use public transport. E-waste is minimized using buy-back option. Old and obsolete equipment are given to the labs for students to study their construction & mechanism.

Various facilities like Ramps, Divyangjan Washrooms, and Wheelchairs are available for differently abled persons on University campus. A variety of programs are undertaken to promote harmony towards cultural, regional, linguistic and other diversities. National and International commemorative days are celebrated regularly. Events are held to sensitize students towards their rights, duties and responsibilities as Indian citizens. Frequent programs are held in neighboring villages to educate villagers on legal and social issues, and awareness is created about various Government Schemes and policies.

The University is a research-intensive University with Central Instrumentation facility and Rudraksha Research Centre. The University has organized 108 Webinars on"Doubling Farmers' Income by 2022" and "Open Source Technologies" towards Self-Reliant India (Atmanirbhar Bharat).

A number of features make the University distinctive and differentiate from other institutions in several extension activities likeCareer Counseling, Mental Health,Life Skills, Spiritual Training, Though Lab, Training for Schools, Swatch Bharat Abhiyan,BetiBachaoBetiPadhao, Blood Donation Camps, Adoption of two nearby villages, providing legal aid services, outreach programs and training programs for organizations.

In these and myriad other ways, the University contributes to nation building through quality education and service to society.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	SHOBHIT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Address	Shobhit Institute of Engineering and Technology(\Deemed to-be University), NH-58, Modipuram, Dulhera Marg, Meerut, UP-250110
City	Meerut
State	Uttar pradesh
Pin	250110
Website	https://www.shobhituniversity.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Amar P. Garg	0121-2575091	7617505010	0121-2575724	vicechancellor@shobhituniversity.ac.in
IQAC / CIQA coordinator	Ashok Gupta	011-43205500	9837639871	011-43205511	registrar@shobhituniversity.ac.in

Nature of University	
Nature of University	Deemed University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	08-11-2006
Status Prior to Establishment,If applicable	Affiliated College
Establishment Date	13-12-2000

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC		
12B of UGC		

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Shobhit Institute of Engineering and Technology (\Deemed to-be University), NH-58, Modipuram, Dulhera Marg, Meerut, UP-250 110	Rural	12.5	30020	UG, PG, Ph.D.		

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes

SRA program	Document
AICTE	103648_6016_1_1624355740.PDF
NCTE	103648_6016_4_1624355944.pdf
BCI	103648_6016_8_1624355681.pdf

Details Of Teaching & Non-Teaching Staff Of University

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned				39				25				91
Recruited	30	9	0	39	19	6	0	25	55	36	0	91
Yet to Recruit				0				0				0
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				45
Recruited	37	5	0	42
Yet to Recruit				3
On Contract	0	0	0	0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				20
Recruited	15	0	0	15
Yet to Recruit				5
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD	2	0	0	1	0	0	0	0	0	3
Ph.D.	21	8	0	15	6	0	4	8	0	62
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	7	1	0	3	0	0	51	28	0	90

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	17	3	0	20

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Engineering and Technology	Chair for Industry four point zero Technology Studies and Applications	Shobhit Institute of Engineering and Technology Deemed to be University
2	Engineering and Technology	Chair for Informatics Development Studies and Applications	Shobhit Institute of Engineering and Technology Deemed to be University
3	Engineering and Technology	Chair for Agribusiness and Disaster Management Studies	Shobhit Institute of Engineering and Technology Deemed to be University
4	Engineering and Technology	Chair for Agri Informatics and e Governance Research Studies	Shobhit Institute of Engineering and Technology Deemed to be University
5	Law and Constitutional Studies	Chair for Law and Good Goverenance	Shobhit Institute of Engineering and Technology Deemed to be University
6	Business Studies	Chair for Psychology and Human Behaviour	Shobhit Institute of Engineering and Technoology Deemed to be University

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

24-05-2022 01:21:57

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1016	47	0	2	1065
	Female	333	12	0	1	346
	Others	0	0	0	0	0
PG	Male	309	86	0	2	397
	Female	205	39	0	1	245
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	86	31	0	2	119
	Female	114	30	0	0	144
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	3

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	293	14	0	0	307
Female	146	4	0	0	150
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	11-11-2006
Number of UGC Orientation Programmes	31
Number of UGC Refresher Course	0
Number of University's own Programmes	32
Total Number of Programmes Conducted (last five years)	32

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	B	2.12	NAAC 001.pdf

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Basic And Applied Science	View Document
Commerce	View Document
Computer Applications	View Document
Education	View Document
Engineering And Technology	View Document
Law And Constitutional Studies	View Document
Management	View Document
Research Phd	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The Course curricula of Shobhit Institute of Engineering and Technology(Deemed to-be-University), are so designed that a student of Management has a choice to study selected courses of Psychology / Law / Biotechnology etc. For example: A student pursuing Management can study a course on Corporate Laws and Agricultural Economics from Agriculture and so on. Practically, the University ask the student to earn four credits for UG degree and three for PG degree by selecting various courses from multiple disciplines. Environmental education and Yoga are the part of flexible and innovative curricula. NEP-2020 has been adopted from the current 2021-22 and the University will award Certificate to a student who leaves his education after 1st year and Diploma after 2nd year of 3-year degree program. The University is offering organic farming, floriculture, digital education, block chain

	development for Agri-business, Robotics, cyber law, metal health and counseling, online education methodologies / pedagogies as part of skill oriented program under NEP-2020 and we provide the admissions to a student of Biology in Computer Science with a condition of doing one bridge course on Basic Mathematics. Similarly, a student of Science background with more than 5 years of working experience in administration and management is permitted to enroll for doctoral degree in Management to promote basic philosophy of NEP-2020.
2. Academic bank of credits (ABC):	The Academic Council and Board of Management of the University have agreed to adopt Academic Bank of Credit (ABC) and the process for registration for ABC is under way. The University has an Equivalence Committee which after going through the course contents and credits earned by a candidate at another University are assessed and evaluated to consider their equivalence in Shobhit Institute of Engineering and Technology(Deemed to-be-University)curricula. For example: in the year 2020, the University considered the course work and a part of research work completed by three students at I.I.T. Dhanbad equivalent to course work of Shobhit Institute of Engineering and Technology(Deemed to-be-University) and one to one and half year research part. Lateral entry to a student in B. Tech. program is also granted on similar pattern. Faculties having specialization in particular subject course are asked to design their own curricula taking into consideration of the needs of job providers, international demands and feedback. The University has M.o.U.s with various national and international Universities and are under discussion to prepare joint degree programs, and the University is fully open and flexible.
3. Skill development:	The University has revised its all curricula to include skill based courses and Entrepreneur and Innovation Cell has been strengthened with commendable contribution from its Alumni. Each course is having is having minimum one skill-oriented vocational course with mandatory 2-6 month training off campus at desired industry. Shobhit Institute of Engineering and Technology(Deemed to-be-University) has an M.o.U. with Association of Small and Medium Industries of Uttar Pradesh that provide

	excellent opportunity for our students to connect with 8000+ industries. The credit of the training program depends upon the number of contact/training hours.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The University has an excellent Art gallery on Historical heritage of Hastinapur and outside students from Schools and Colleges are encouraged to learn our rich heritage. The University has organized various events and public lectures on truth, love, peace, life style, Yoga, plant based diet, immunity and herbal diet, health and hygiene, biodiversity conservation, love for nature, Spic Mackey, mental peace and similar topics in collaboration with various organizations like Harit Paryay, Pahal, Sach, Examination burstar Parchon Pe Charcha by 3H, Brahma Kumari, Swami Maatandey Puri ji, Shanti Kunj, Hardwar and various other organizations. The University encourages teaching of Science, Management and Education in Indian languages and we are permitting the students to write their Ph.D. thesis in Hindi.
5. Focus on Outcome based education (OBE):	All courses are designed on outcome based education and there is a well monitored system by the Head/Coordinator, Dean and the Vice Chancellor who regularly interact with the faculties, the students, parents and job providers. Their feedback is considered seriously and corrective measures are taken whenever and wherever required. Experts from industries are invariably included in the Board of Studies and Academic Council, their expert lectures are frequently organized. The experts from industry are also involved in evaluation of the project reports as a good practice.
6. Distance education/online education:	NA

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
31	31	29	29	27

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of departments offering academic programmes

Response: 5

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2053	2810	2385	2096	1540

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
978	714	535	552	325

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of students appeared in the University examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2053	2810	2385	2096	1540
File Description			Document	
Institutional data in prescribed format			[View Document]()	

2.4

Number of revaluation applications year-wise during the last 5 years

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	1	3

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1207	1206	1161	1141	1021
File Description			Document	
Institutional data in prescribed format			[View Document]()	

3.2

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114
File Description			Document	
Institutional data in prescribed format			[View Document]()	

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3259	3434	3513	3569	3005

File Description	Document
Institutional data in prescribed format	View Document

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
847	847	778	748	680

File Description	Document
Institutional data in prescribed format	View Document

4.3

Total number of classrooms and seminar halls

Response: 47

4.4

Total number of computers in the campus for academic purpose

Response: 735

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
711.7	737.995	695.168	652.679	834.244

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Shobhit Institute of Engineering & Technology (Deemed to-be-University), is an academic fraternity of individuals dedicated to the motto of 'Empowering Nation Through Education', University has systematically and diligently worked to imbibe the best practices of preparing and updating course curricula with the aid of the best academic and intellectual talent available. The curricula for programs offered by the University are based on local, national, regional and global developmental needs.

The societal concern of Employability, Innovation and Research, are incorporated in the curriculum. At the outset, it is essential to emphasise that the practice of curricula up-dation is cyclic and comprehensive with meaningful inputs from all the stakeholders. Outcome based education policy is being adopted. Curriculum are designed reflecting the Program Outcome (PO), Course Outcome (CO) and Program Educational Outcome. PO-CO mapping is provided in the syllabi. The curriculum design and development process involve the inputs of all stakeholders, student, faculty members, alumni & employers and goes through various stages of refinement – faculty members and students, BOS, and then Academic Council. BOS members and Academic Council ensure that the curriculum of every program is contemporary and has relevance to the local/national/regional/global developmental prerequisites.

The University has always promoted the students for participation in various national level competitions. Periodically workshops, seminars, conferences and brain storming sessions are organized to provide platform to the students for their exposure in their related domains, establish linkages and tie-ups with renowned institutes and Universities at national and international levels

To improve competence and level of achievement, the students are provided additional inputs like communication skills, basic computer knowledge, gender equality, environmental awareness, women empowerment, disaster management, professional ethics etc.

University has adopted innovative and creative teaching learning process, tools and techniques by implementing advanced concept of pedagogy, use of ICT, learning management system, student centric methods, participative learning etc. for enhancing teaching and learning experience. The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, seminars, mini projects, in-house and industry supported projects, industry visits. Courses like, Essence of Indian Traditional Knowledge, Indian Constitution, Cyber security etc., and availability of National Cadet Corps (NCC) sensitize students of their obligations towards society. These courses develop magnanimity and commitment amongst students thereby contributing towards development of their well-rounded personality.

Mandatory industrial training ensures that students are exposed to contemporary industrial trends,

innovations, implementation of latest technologies in everyday industrial activity. Psychological principles are applied to solve personal, social and group issues and to recognise and appreciate the impact of mental health issues, facilities of Centre for Psychology and Human behaviour and Centre for YOGA and Research are available in the campus. University has initiated various social activities along with the students.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 87.5

1.1.2.1 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 28

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 32

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 95.92

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1153	1152	1111	1094	990

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 37.01

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 403

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 1089

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 100

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 31

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

The University recognizes that the important themes of educational aspects may not be explicitly addressed within a single course or subject. Such issues need to be consciously brought into the mainstream providing an opportunity for interdisciplinary interactions. The University amalgamates these cross-cutting issues into the specially designed curricula. These courses appraise the students about the conceptual, theoretical and analytical understanding of varied approaches from a cross cultural perspective.

Organizational Behavior develops cognizance of understanding human behavior under different conditions. Environmental Science gives a general understanding of the interdisciplinary nature of environmental issues and physical, chemical, and biological components of the earth's systems, Renewable and Non-Renewable Resources, Solid waste Management, Disaster management & Social Issues including Climate change.

Gender, School & Society develops basic understanding and familiarity with gender, gender bias, gender-stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism and transgender, policies, plans and schemes of the government for addressing all forms of disparities and inequalities existing in the society. Life Style Management covers the assessment of the physical and psychological effects of physical activity and movement for maintaining health and well-being.

Health, Physical Education and Yoga focuses on the holistic health, dimensions and determinants, and developing positive attitude towards health education and yoga as individual. Personality Development & Self Awareness relates to the self awareness & personality development. Skill Development includes Presentation, Negotiation, Quiz, Debate, and Public Speaking. Intra-personal facet of Personality Development focuses on work-related stress and stress management, mind control, Yoga and Meditation, Transactional Analysis, Assertiveness Training, Sensitivity Training, Conflict, and Inter-personal conflict management. The Professional Communication and Soft Skills include the communication skills and soft skills, relevant for the sustainability and professional development.

IPR, Biomedical and Engineering Ethics explore the field of biomedical ethics, genetic testing, abortion, human experimentation and euthanasia. IPRs are the rights granted to the creators of IP, and include trademarks, copyright, patents, industrial design rights, and in some jurisdictions trade secrets. Bio-safety, Bioethics, Indigenous Knowledge and IPR deals with prevention of large-scale loss of biological integrity

focusing both on ecology and human health. Environmental Pollution and Abatement focuses about technology applied or measure taken to reduce pollution and/or its impacts on the environment.

Legal Aspects of Business covers the aspects of business ownership and management, legal ethics, court procedures, contracts, consumer law, property law, employment law, environmental law, and international law. Corporate Social Responsibility and Corporate Governance issues include environmental management, eco-efficiency and sustainability, responsible sourcing, labor standards and working conditions, employees and community relations, gender balance, social equity, human rights, good governance, stakeholders' engagement, and anti-corruption measures.

Human Rights Law and Law relating to women covers the issues related to the basic freedoms and rights to which every person is entitled. Study of the Acts like, The Prohibition of Child Marriage Act, 2006, Special Marriage Act, 1954, Dowry Prohibition Act, 1961, Indian Divorce Act, 1969 and more are covered.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 130

1.3.2.1 **How many new value-added courses are added within the last five years.**

Response: 130

File Description	Document
Institutional data in prescribed format	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 83.89

1.3.3.1 **Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1887	1956	1856	1728	1504

1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 44.72

1.3.4.1 **Number of students undertaking field projects or research projects or internships.**

Response: 918

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View Document](#)

1.4.2 Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Demand Ratio (Average of last five years)

Response: 2.14

2.1.1.1 **Number of seats available year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1710	1710	1572	1512	1374

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)
• Any additional information	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

Response: 57.84

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
524	516	474	405	349

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Special programs for advanced learners and slow learners

The University conducts special programs for advanced learners and slow learners. Academic performances of the students are analyzed based on teachers' observation, assessment during lectures and laboratory sessions. Performance of students in class tests and internal assessment examinations are the key parameters to identify a slow learner, students scoring below fifty percent marks are identified as slow learners. Further, faculty mentors also help in identifying the advanced learners and slow learners.

The slow learners identified by the faculty members teaching a specific course are provided extra classes to bring them at par with other fellow students. Remedial classes areorganized for slow learner to increase their skills and competence. Special Soft-skill program arranged for students to enhance and upgrade their skills and competences. The University organizes orientation program for the parents and the students at the commencement of new batch every academic session.

For advanced learners, project exhibition, conferences etc. are organized. They are motivated for higher education, other public sector examination *etc*.For this purpose, adequate number of books are available in the library of the University. During examination period, reading hall of library is open for all students for extended hours.

Policy Guidelines for Advanced Learners:

- Advanced learners are motivated to acieve higher goals. Special coaching is provided to them for higher level competitive examinations.
- Involvement in research projects to inculcate research orientation for quality publications and higher studies aspirations.
- They are provided with special scholarships/funding/grants for making their ideas more visible.
- Seed money is also offered to them for innovative proposals implementation.
- Advanced learners are encouraged to enroll in MOOC Courses, SWAYAM, ARPIT, NPTEL etc.
- Students are encouraged to participate in group discussions, technical quizzes, debates, competitions as well as national level technical symposiums/conferences and other academic events.
- To develop analytical and problem-solving abilities in them and thereby, to improve their presentation skills.
- Various club activities are conducted by all the schools in the respective areas to channelize their energy in corresponding field.
- Motivated to take up competitive exams like GATE, GRE, TOEFL, IELTS, CAT, PGCET etc.
- Students, who secure high ranks in the University examination, are honored with medals on graduation day

Policy Guidelines for Slow Learners:

- Bridge courses are conducted at the Department level to upgrade the students to the level of higher education.
- The mentors communicate their performance and attendance to their parents regularly and also counsel to students to motivate them.
- Students are given regular class tests and group assignments in order to improve their performance

in the University exam.

- The support of the alumni is also effectively used for motivation and mentoring to the slow learners.
- Summer classes for all slow learners, who could not clear the semester are provided 30-days special classes during summer vacation to enable them to understand, learn & clear the subject.
- The slow learners are attached with fast learners

The University also provides an opportunity to its students for improvement of grades even after the completion of program.

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 13.25

File Description	Document
Any additional information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Student centric methods of learning

The University has adopted student centric methods such as experiential and participative learning and problem solving methodologies for enhancing learning experiences. This helps to transform students from being relegated to the role of passive recipients to active and involve stake holders, apart from boosting their confidence and encouraging independence.Teachers make classes as interactive as possible and encourage innovative ideas, thought and novel interpretations. Audio-visual aids, language lab, Industrial Visits, Field Work and Projects and other desired methods are used to boost student participation and enhance participative learning.

1. Experiential Learning

1.1 Laboratory Work: After theory class students are assigned laboratory work. Separate attendance sheet is maintained by the subject teacher.

1.2 Participation in competitions at various level: For giving exposure, students are encouraged to participate at various national and international level competitions.

1.3 Industrial Visits and Workshops: Industrial visits are organized to choose the right techniques to design, create and test a system with accuracy. Students go to the industrial training relevant to their professional development prior to graduation. The field visits, on-site learning, workshops are arranged for the students to provide exposure to industrial work culture.

2. Participative Learning

2.1. Project work: Minor and Major Projects help the students to gain knowledge and to arriveat the solution.Studentssearchtheproblems intheindustryand plan the strategies to solve the problem.

2.2 Team work: Variety of team activities are organized such as Scout Guide Camp, NCC, sports activities, social activities like village adoption, tree plantation and many more are organized.Cleanliness drive to support Swatch Bharat Mission and Health awareness camps have been organized for social and community welfare.

3. Problem solving Methodology

3.1 Case studies: This method is adopted in teaching to develop logical thinking, analytical skills and problem solving abilities among the students.

3.2 Written Assignments: Assignments are required to be submitted by students in every course of study. These assignments need to be prepared individually by studying and researching on the given topic which enhance confidence, develop writing skills, boost analytical skills and to inculcate a habit of self-learning.

3.3 Presentations: Presentations help the students to overcome stage fear and develop presentation and communication skills. Good presentation skills also help to come up with better ideas, keep up-to-date information and develop creative thinking.

4: Interactive Methods: The faculties deliver the lectures in a more interactive way using various tools like LCD projectors for presentation. Interactive learning is promoted through conducting various workshops. Every department organizes guest lectures, expert lectures of eminent professionals and academicians. Students are encouraged to enroll in MOOCs, NPTEL Courses. Quizzes are conducted by subject teachers in all UG and PG programs. Sports meet "**Inspirer's Day**" is celebrated annually. **"Sangeetam"** the annual cultural festival organized by university every year which develop skill of students like team building, time management, resource mobilization, event planning, promotion, logistics arrangement etc.

File Description	Document
Upload any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

The University encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. However, still the traditional chalk and black board interactive face-to-face method is also followed;faculties also make optimal use of various innovative and creative methods, techniques & tools, and activities in teaching by using audio-visual aids, LCD projectors, smart boards, e-journals etc. The faculties prepare the lectures using up-to-date literature. Main focus is on project based learning and do it yourself. Creativity and thinking are encouraged. Topics are extensively discussed. University also use video conferencing, tabs, google quiz, MOOCS and e-learning technology. All the lecture halls and classrooms are equipped with LCD projectors and have broadband access either through LAN as well as through Wi-Fi. The University has subscribed and using Learning Management System, CollPoll which is also accessible through mobile app. There are 52 ICT enabled classrooms and 10 Smart classes in the University at present which are continuously upgraded.

- Information & Communications Technology (ICT) enabled teaching methodologies and advanced technologies are being followed by the faculty members in class rooms.
- Media center was developed to meet the learning demands of students. The center has developed e-learning content, video-lectures and live transmission of lectures. Media center periodically conduct workshops for research scholars enrolled under University
- The use of multimedia teaching aids like, LCD projectors, classrooms with internet enabled computer/ laptops/ tablet systems are usually used in classroom.
- The faculty members effectively utilize audio-visual aids to demonstrate the fundamental concepts to the students.
- Recorded lectures from NPTEL and SWAYAM are accessible to faculty and students. These courses are the part of University's LMS.
- Online examinations, tests and e-assignments are given to students regularly through 'Learning Management System'.
- Students and Faculties access DELNET for e-Resource materials to read e-books and e-journals. The link is as below-**(The link is not accessible with private networks)**.
- The research journals, books are available online and facility for accessing these Journals is provided through **National Digital Library of India (NDL)** https://ndl.iitkgp.ac.in/in the University campus.
- All the Schools of the University have conducted e-Seminars, e-workshops, e-Webinars on regular basis during Covid-19 pandemic on the new developments in the core subjects for effective teaching and learning.
- Seminar hall, Conference and Board rooms are fully-equipped with multimedia facilities with ICT tools, like Wi-Fi facility, LCD projectors, invited talks and webinars are conducted in seminar hall using ICT facilities.
- University admission process is also digitized to make the admission journey of students hassle-free. Online registration, uploading scanned documents, online fee payment, confirmation of admission notification is also done through SMS/email.
- Leave Management System of faculties and staff is also done through the CollPoll.
- The CollPoll provides scheduling information (Time Tables), announcements as well as monitoring and communication of internal assessment marks for the students.
- All the news and notifications regarding Academics, Events, Days and Celebration, and Co-

curricular activities are also updated on CollPoll on regular basis.

File Description	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 13.25

2.3.3.1 **Number of mentors**

Response: 155

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 37.09

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
66	64	51	39	29

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	
Any additional information	

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 5.22

2.4.3.1 **Total experience of full-time teachers**

Response: 809

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	
Any additional information	

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 38.69

2.4.4.1 **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
19	14	9	7	2

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 10.4

2.5.1.1 **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	14	9	9

File Description	Document
List of Programmes and date of last semester and date of declaration of results	View Document
Any additional information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0.12

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	1	3

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Response:

The University reforms its examination procedures on a regular basis as per the guidelines issued by regulatory authorities from time to time. With the outbreak of Novel CORONA virus since last two years, there is a paradigm shift into the academics and the whole academic fraternity had to shift from offline classroom teaching to online mode of teaching, though nobody was ready for that. The University improved its procedures of examination and integrated IT into the University examination process. The improvements involved integration of IT into all of the examination system's procedures and processes and applied in internal as well as external examination. Using IT resources, the examination management system has also been totally automated.

Examination Procedure

The University has an exclusive and independent examination cell headed by the "Controller of Examination" who is responsible of all examination related activities as per the Ordinance of the University.

The key components of examination procedures are listed below:

- **Registration of students on ERP**
- **Setting of question paper**
- **Date sheet publication**
- **Seat allocation to students**
- **Structure for conduct of examination**
- **Entry to examination hall**
- **Evaluation of answer sheets**
- **Re-Checking of the answer sheet**
- **Plagiarism checks for dissertations/research projects**
- **Compilation of result and declaration**
- **Grievances Redressal**

The evaluation process starts immediately after the conduct of examinations. Faculty members evaluate the answer sheets. Final grades for a subject are calculated by the software after adding internal and external marks secured by the students. The students as well as parents can view the final grade on university website.

Registration of students on ERP

During the orientation program, all students get themselves registered on ERP through their ERP coordinators using CollPoll (University ERP system). Students select their areas for study withfullyflexible CBCS, which includes core, departmental electives, seminars, and open electives. After completing the registration process, students can use CollPoll to check all information about the subject attendance *etc*. The University's online ERP system notifies students and parents well in advance of their eligibility to sit for the examination. The ERP system generates a list of detained students automatically based on their attendance.

These measures have greatly enhanced transparency, accuracy, objectivity, communication and fairness.

Integration of IT

Exam policies and procedures have been implemented by the University in such a way that they are current in nature and incorporate IT at every level as per the requirement.

Continuous Internal Assessment System

The University follow the Continuous Internal Assessment System.

For theory courses: The syllabus is divided into units in all theoretical courses.

Two Internal Exams (E-1 & E-2) both compulsory

- For E-1 –First 2 units of each syllabus
- For E-2 –Next 2 units of each syllabus
- Assignments: In each syllabus the student has to submit the assignments also.
- For practical courses**:** Practical courses have two components *i.e.* Internal Assessment as well as External Assessment with equal weightage of 50%.

File Description	Document
Year wise number of applications, students and revaluation cases	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.4 Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	[View Document](#)
Current Manual of examination automation system	[View Document](#)
Any additional information	[View Document](#)
Annual reports of examination including the present status of automation	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Response:

Outcome Based Education (OBE) has been implemented in the University since 2018 as it well defines the expectations from the student when they completed their course. OBE facilitates the student to plan his/her academic career and goals both very clearly. In line with OBE, Program Specific Outcomes(PSOs),Program Outcomes(POs) and Course Outcomes(COs) are evolved.OBE helps the student to achievethe outcomes of significance before leaving the University. The Program Outcomes (POs) / Program Specific Outcomes (PSOs) are the qualities that must be imbibed in the graduates by the time of completion of their program.

Each course has well defined set of course outcomes and corresponding evaluation criteria.The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement achieve the objectives. In each course, the level of attainment of each CO is compared with the pre-defined targets.If the attainment is not met, the course coordinator takes necessary steps for the improvement to reach the target. The University has stated all its learning outcomes/graduate attributes through its website. All the programs offered by school/department are displayed on University website along with, program objectives, program specific objectives, course objective *etc*. and are freely made available to the stakeholders from the concerned Department. The syllabus prominently displays the course objectives and course outcomes. The University has revised all its educational programs to include graduate attributes so when a student graduate they are equipped with discipline knowledge, critical thinking, problem-solving ability, communication skills, and digital capability with full interactive sessions. The syllabi of programs on offer are the testimony to whatever is stated. The revision of the syllabus, and the incorporation of new subjects in line with the market requirements suggest how University has prioritized discipline knowledge as first and foremost in learning outcomes and graduate attributes.

Following mechanism is used to achieve the target:

- Copy of the syllabi is available in the department for ready reference of the students and faculty.
- Learning outcomes of the programs and courses are discussed with students at the end of each topic

of the study by the faculty leading to their technical applications.
  • The Dean of the Faculty also discuss the course outcome at the end of the semester.
  • The learning outcomes are stated using Blooms Taxonomy and expressed in the lesson plan that clearly describe the knowledge skills and competency expected from the students to acquire as a result of completing their program of study.
  • The PO, PSOs and COs are incorporated in the curricula for display on University website which are accessible to all the stakeholders namely faculty, students, industry and alumni.
  • The importance of the learning outcomes is communicated to the teachers in every meeting of IQAC.
  • The students are also made aware of the same through tutorial meetings and student faculty interactions.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

The University has been following outcome-based teaching learning since 2018. All the programmes of the University are clearly augmented with

Programme Outcomes: which is developed based on the core and prime objectives of the institution to mould the graduates.

Programme Specific Outcomes: are rooted to describe the skills that the graduates will possess after undergoing each programme

Course-Outcomes: The objectives of each course in all the Undergraduate/Postgraduate/Research Programmes are designed and presented in the detailed curriculum structure.

The program also has Program Specific Outcomes (PSO), which address program specific requirements. The PSO's are formulated taking into consideration the expectations of professional bodies of the program like UGC, AICTE. The PSO's are formulated by senior faculties of different schools of the University at time of framing the syllabus itself. The PSO's are approved by the respective Board of Studies (BOS) with representation from industries and participation of intellectuals.

A team of faculty members of different schools of the University formulate the CO's and the same is discussed extensively in BOS before its approval. The programs as well as the detailed curricula are designed in such a manner that the course objectives, program objectives and outcomes in general are met.

Based on the specific requirements of the courses the number of course outcome varies. All methods for evaluating the student performances like quiz, assignments, class test, projects etc. are mapped to specific course outcomes. This enables the precise quantitative evaluation of attainment of course outcomes based on student output. The POs, PSOs, and COs are displayed on the University website in the student LMS, and available in Syllabus Handbook which is available with faculties and also in the library. The PO's and PSO's are made clear to all students on first day of the class. All the faculty members prepare a course file for each semester that lists the POs, PSOs, and Cos. All POs, PSOs and practical course outcomes are printed in lab manuals and issued to all students at the beginning of every semester. In the faculty induction programs all faculty members are exposed to the concept of outcome-based teaching learning process. Refresher programs, seminars are conducted for faculty members time to time on the outcome-based teaching learning process. The University use direct and indirect measures to assess the attainment process.

Direct Assessment: Quiz, Examinations, Assignments, projects based evaluation etc.

Indirect Assessment:A mandatory survey is carried out for every course in each semester to get feedback from the students for the courses offered in a semester. A detailed summary of attainment of each course outcome is presented before the Heads of different schools of University and the reason for non-attainment is analysed and action plan report is prepared. Finding out the strengths and weaknesses, necessary changes in teaching-learning process, course curriculum, content etc. are proposed in BOS and changes are incorporated in subsequent semesters.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 92.79

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 978

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 1054

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for the annual report	[View Document](#)
Link fo any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.89

File Description	Document
Upload database of all currently enrolled students	[View Document](#)
Upload any additional information	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

The University is systematically working to promote and support the research activities. There is a clear well defined policy to provide the research grant, support to the faculty and students to encourage the high quality research work. The University also offers incentives for achievements and recognition for their distinctive research. Research grant applications selected by the duly constituted research committee/board. For admissions in Ph.D. program, the selection is based on merit through SU-Ph.D. Entrance Test.

Goals of the Research policy are:

1.   To provide the intramural financial support in order to encourage the faculties to initiate the potential research projects to gain the extramural funding.

2.   To strengthen the Ph.D. program by offering the fellowships to the meritorious candidates.

3.   To encourage student research through short-term fellowships and research grants.

4.   To encourage the active participation of faculties in National/ International seminars, conferences, workshops.

5.   To encourage research publication in journals of repute, quality journals, indexed in Scopus/Web of Science and/or with impact factor.

6.   To extend invitation to the leading academicians to strengthen research.

7.   To provide support in the form of incentives, research seed money grant, training, and infrastructure necessary for undertaking research.

8.   To increase awareness in arena of International, National, and Regional research and to promote the collaborative interdisciplinary research projects by collaborations and partnerships at National and global level.

9.   To ensure promotion of high level of efficient and effective support system to facilitate faculty and researchers in their research activities.

10. To nurture an environment to undertake socially useful research with potential of commercialization.

11. To establish Research Centers within SU with potential for Excellence.

Research Incentives:

University faculties are offered following types of the incentives for the research activities:

1.   Incentive for the publication: Based upon the impact factor an amount of Rs. 2500- 10,000/- for faculty members and Rs. 2000/- to student authors for publications in any indexed journals.

2.   Incentive for books or monographs: Rs. 10,000- 30,000/- to the faculty member.

3.   Incentive for obtaining extramural research funding: 5% of the project cost is shared to the PI (60% of incentive) and CO-PI (40% of the incentive).

4.   Incentive for patenting: In case of provisional patent application, the initial processing fees up to Rs. 30000/- is paid by University, if the patent bears the name of the University

Research Awards:

Chancellor's and Vice Chancellor's Research Awardshave been instituted and areawardedannually to the best researcher, based on the recommendation of the ResearchAdvisory Committee.

Other Supporting Services:

1.   Directory of the research equipment and facilities available at the University for theeffective utilization.

2.   Plagiarism detection software Ouriginal(earlier known as URKUND) is made available for researchers through INFLIBNET

3.   Policy and guidelines on "Responsible Conduct of Research and Publishing".

4.   Plagiarism policy is strictly enforced and violators are heavily penalized.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 2.98

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five**

years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
5.0	4.27	1.004	2.5	2.15

File Description	Document
Minutes of the relevant bodies of the University	[View Document]
Institutional data in prescribed format	[View Document]
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document]
Any additional information	[View Document]

3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 0.46

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	2	0	1

File Description	Document
Institutional data in prescribed format	[View Document]
e-copies of the award letters of the teachers	[View Document]
Any additional information	[View Document]

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 16

3.1.4.1 **The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
3	2	3	4	4

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.5 Institution has the following facilities to support research

1. **Central Instrumentation Centre**
2. **Animal House/Green House**
3. **Museum**
4. **Media laboratory/Studios**
5. **Business Lab**
6. **Research/Statistical Databases**
7. **Mootcourt**
8. **Theatre**
9. **Art Gallery**
10. **Any other facility to support research**

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	View Document
Upload any additional information	View Document
Paste link of videos and geotagged photographs	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 40

3.1.6.1 **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

Response: 2

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

Response: 22.25

3.2.1.1 **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
21	1.25	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 84.58

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.675	0.5	1.5	81.9

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by government	[View Document](#)
Any additional information	[View Document](#)

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 0.11

3.2.3.1 **Number of research projects funded by government and non-government agencies during the last five years.**

Response: 14

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 662

File Description	Document	
Supporting document from Funding Agency	[View Document](#)	
Institutional data in prescribed format	[View Document](#)	
Paste Link for the funding agency website	[View Document](#)	

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

Response:

The University has been recognized by Ministry of Micro, Small & Medium Enterprises (MSME), Government of India for the implementation of ASPIRE "A Scheme for Promotion of Innovation, Rural Industries and Entrepreneurship" and Technology Incubation Centre was established. The University has developed the process for the production of activated carbon that can be used for preparation of filters for drinking water and for industrial effluents. We have also standardized the procedure for the production of hand-made paper from bagasse; working on the isolation of microbes from rice straw for developing a process for effective biodegradation of rice straw (Parali) with an objective to motivate farmers not to burn it. The University is also working on vinegar production from any fruit or vegetable or sugar rich juice and we have isolated good number of microbial strains for their commercial use. The University is first developing the processes under this program that can be commercially used for "start ups".

Mechanical Innovation Center developed in 2016, has facilitated the development of various prototypes of commercial value like grass cutter, solar car. Students have free access to "Entrepreneur and Innovation Cell" to utilize its all facilities for their innovative ideas. Plant tissue culture lab has developed innovative processes to protect the endangered species of Rudraksha and Kalpvraksha under "Rudraksha Research Center". We are also working on biodegradation of polythene and oil contaminations and have isolated and characterized several microbial species that have great potential for degradation of polythene and oil in nature. SIET is focusing gut microbiome, human colostrums to isolate and characterize microbes having high probiotic potential. SIET has developed a "Microbial Culture Collection Centre" with large number of microbes.SIET isworking on cultivation and production of organic vegetables, low budget farming and recycled crop residue. SIET is working with "National Gladiolus Trust", Jammu and have developed a variety of Gladiolus named as "Shobhit Snow White" and Freesia named as "Amar Garg". Nice School of Business Studies is offering MBA in agribusiness management. "IPR Cell" in Law Department helps in patenting and has filed good number of patents, several of them published. Various skill-based activities are such as workshop, Seminar, conference and technical training and webinar on interdisciplinary topics, where students get opportunities to interact and listen to the ideas from eminent researchers in their domains.

SIET has good number of MoU's with various Universities, Institutions and academic societies for collaborative research and teaching/learning.University has different clubs (Sports & Health Club; Cultural Activity Club; Creative Activity Club; Yoga Club; Computer Club; Web Designing; Multimedia; Wikipedia; Literacy Club; Fine Arts Club; Bio-Cosmo Club; Law Club and Adventure Club) to motivate the youngsters to excel and innovate the ideas in an imaginative and ingenious environment. University has active University Training and Development Cell that always promotes the students.

The course curricula of the University are regularly revised as per the need of the innovation ecosystem and by focusing on the emerging societal demands.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 73

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
27	10	21	9	6

File Description	Document
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 20

3.3.3.1 **Total number of awards / recognitions received for** *research /* **innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
7	2	1	10	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of award letters	[View Document](#)

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	[View Document](#)
Any additional information	[View Document](#)

3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the

Newsletter / website

Response: E. None of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of the letters of awards	[View Document](#)
Any additional information	[View Document](#)

3.4.3 Number of Patents published / awarded during the last five years.

Response: 1

3.4.3.1 **Total number of Patents published / awarded year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4.4 Number of Ph.D's awarded per teacher during the last five years.

Response: 3.09

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 68

3.4.4.2 **Number of teachers recognized as guides during the last five years**

Response: 22

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 4.62

3.4.5.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
259	164	98	49	39

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1.6

3.4.6.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
71	49	75	8	8

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.7 E-content is developed by teachers :

1. **For e-PG-Pathshala**
2. **For CEC (Under Graduate)**
3. **For SWAYAM**
4. **For other MOOCs platform**
5. **Any other Government Initiatives**
6. **For Institutional LMS**

Response: D. Any 2 of the above

File Description	Document
Institutional data in prescribed format	View Document
Give links or upload document of e-content developed	View Document

3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 2.51

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 9

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

Response:

SIET has a clear well defined policy to engage the consultancy for companies/other-profit and non-profit organization. University has also developed a consultancy policy to encourage faculties to start personal consultancy projects and corporate training. A research consultancy exists where a faculty/staff member provides research assistance or skill in return for remuneration from an outside funder. Consultancy policy has been framed with clear revenue sharing rules, scope of consultancy and standard terms and conditions. The Consultancy policy is supported by University Research Policy, and the Code of Conduct Policy. It is not in conflict with the objectives, mission and vision of the University. Faculty members shall not involve in outside research activities without making any formal agreement and should be approved by the University except when the faculty is working on leave without pay (LWP) permitted by the competent authority of the University. No limit is placed on earnings. However, there is a limit on the time spent on Consultancy. The faculty conducting private consultancy shall ensure that the work of the University does not suffer on account of their engagement in the consultancy. Academic Staff is allowed to devote one day

per week on sanctioned consultancies, with a maximum of 48 days/year. Any variations to this time obligation need the consent of the Director concerned. Directors must obtain written permission from the Vice-Chancellor to start research/ non-research Consultancies.

Non-research consultancies include non-research activities conducted under contract for a third party. Non-research consultancy would include the provisions of professional services to external agencies for a fee. If the Research or Non-research consultancy is shifted from SIET to another research organisation and overheads are permissible in accordance with the funding schedule, the agreed overheads awarded will be withheld by the University.

Consultancy services are offered to industry/non-industry sector, Government department and national and international forums related to expertise available at SIET. The services are offered along the lines of professional services. Consultancy Services includes different types of activities such as Assessment of Design and Existing manufacturing process; Feasibility Studies, Technological Evaluation; Environmental, Instruments, and manpower Audits, Product design and development; Process standardization and development, Software Development, Trouble shooting process, quality testing of the commercial products, surveys and other efforts required to transfer highly focused skill and expertise to select groups in particular organizations. Testing and evaluation services are offered in certain specialized areas. A conflict of interest may arise where an employee involves in consultancies at the expense of the University's interests. Any conflict of interest, actual or perceived must be addressed to the relevant University Officer for resolution. A conflict of interest may include Financial or non-financial interests or work undertaken with an organisation to which the SIET supplies resources.

All types of consultancy services offered on the basis of facilities available in the institute. Revenue sharing of all consultancy work is done as follows:

Type of consultancy	University sharing (%)	Personal Consultancy sharing (%)	
Personal	25%	75%	
Testing projects	25%	75%	
Corporate training	25%	75%	

File Description	Document
Upload soft copy of the Consultancy Policy	[View Document](#)
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	[View Document](#)
Upload any additional information	[View Document](#)
Paste URL of the consultancy policy document	[View Document](#)

3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 7.74

3.5.2.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
5	1.39305	0	0.25	1.10

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)
Any additional information	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

Response:

In past five years University has worked on various sensitive and relevant issues in house as well as extension activities with a focus on agriculture sector, healthcare, human rights, gender biasness, promotion of rural India, biodiversity conservation, Beti Bachao-Beti Padhao, Azadi ka Amrit Mahotsava, Fit India-Healthy India; and digital India.

1. Under National Swachh Bharat Abhiyan University organized a Cleanliness drive in and around the campus including nearby villages; awareness rally on the theme to "Say No to the Plastic".

University is doing research to biodegrade polythene. University Eco-Club regularly promotes the plantation as part of green revolution and taken the initiatives for plantation under One Man-One Tree policy.

2. Under the SU-TBI, various trainings were organized to convert the agricultural waste into commercially viable product.

3. The University, organized Voluntary Blood Donation camp in collaboration of Blood Bank, Red Cross Society, Army and LLRM Medical College, Meerut. Free Health Check up Camps were also organized.

4. Under the initiative of Sparash Kusth Jagrukta Abhiyan (Leprosy Event); University organized 14-days event in collaboration with District Leprosy Officer, Meerut.

5. The University organized "International Webinar and developed "Home Quarantine Protocol" in 2020 and established a "Quarantine Centre for COVID 19" patients. University developed hand sanitizer and distributed free of cost in the public during Covid-19 pandemic. The Students of the University assisted LLRM Medical College, Meerut in diagnosis of corona patients. Professor Amar Garg was conferred several awards in recognition of his services as "Corona Warrior"

6. The University was awarded "Vishwakarma Utrashta Sansthan Award-2020" by AICTE for our social services during corona pandemic.

7. The University has organized Ignited Mind Series for Tobacco Control Disease and counsel the public during Covid-19.

8. Events related to Traffic Rules Awareness, Awareness of Legal Rights, CVC, Awareness about Consumers Rights and duties in economic development of the country, Legal Literacy Camp, Workshop on Human Right Sponsored by NHRC, Constitutional Day, and Moot Court for Women Empowerment, and to focus the gender inequality were being organized.

9. University participated in Fit India Drive(Yoga and Sports) amongst the faculty, staff, students and society. The efforts of Neha Rani and Dr. Neha Yaurvedi were highlighted by the Hon'ble Prime Minister of India, Shri Narendra Modi ji in "Man ki Baat" for their health and social services related activities.

10. The University has adopted the Village Maithana Inder Singh, Dulhera Chauhan, Meerut for their social, economic, educational, and moral upliftment and is collaborating with other villages Lalshana, Uldeypur and Jalalpur.

11. The University has vibrant Sports & Health Club; Cultural Activity Club; Creative Activity Club; Yoga Club; SPIC MACAY; Computer Club (Web Designing, Multimedia, Wikipedia); Literacy Club; Fine Arts Club; Biocosmo Club; Law Club and Adventure Club including NCC to ensure the associations of the student and faculty members in various societal development.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

Response: 6

3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	2	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 76

3.6.3.1 **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
23	15	23	8	7

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 120.46

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
3363	2500	4488	1433	1432

File Description	Document
Report of the event	
Institutional data in prescribed format	
Any additional information	

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 96.8

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
236	62	68	52	66

File Description	Document
Institutional data in prescribed format	
Copies of collaboration	

3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 25

3.7.2.1 **Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
05	06	10	01	03

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the MoUs with institution/ industry	View Document
Any additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The present infrastructure fosters good teaching-learning environment. The University reviews the requirements and accordingly plans out the infrastructure to promote a conducive teaching and learning environment. The institution has well created, maintained and augmented university auditoriums, conference halls and facilities for academic, classrooms, laboratories, cultural and co-curricular activities. The university supports full growth by building infrastructure for all academic and recreational activities.

The 5 academic buildings encompass state of art facilities and contain world class equipment. The university features sophisticated laboratories which are the requirement of modern day automation including various Computer labs, Mechanical Engineering Laboratories and workshops, biomedical labs, biotechnology laboratories, Agriculture and Agri-informatics labs, Microbiology and Nanotechnology Labs, Education Labs and Education & Psychology Labs etc. all the laboratories/workshops are equipped with excellent instruments with new and upgraded technologies.

The class rooms are ICT enabled, well furnished, ventilated, echo free, projectors and instructional support materials. Along with the use of traditional talk and chalk method, the institute has adopted and supported the use of Information and Communication Tools for facilitating teaching and learning process. Seminar/Conference rooms with presentation facilities are available in academic blocks.

The infrastructure in terms of computing facilities, Internet & Library has been strengthened. In addition several online journals are made available to researchers through UGC-INFLIBNET Consortium. There are over around 755 computers with over 1 GBPS leased line access and UPS back up.

Block 1 and Block 2 have 13 ICT enabled classrooms meant for engineering programs along with the 31 laboratories apart from the classrooms and laboratories sufficient numbers of tutorial rooms are available in the block.

Block 3 contains 11 ICT enabled classrooms 7 laboratories and tutorial rooms. The classrooms are meant for the lectures of engineering programs and applied sciences. Language & Communication lab is the unique attraction of this block.

Block 4 is dedicated to the University's Law School having 12 ICT enabled classroom along with additional tutorial rooms and a moot court equipped with modern technology which can be used for moot court competitions and also the hall can be used for various other activities too. The moot court is fully equipped with latest technology.

Block 5 is meant for Management with 11 ICT enabled classrooms 2 tutorial rooms and three laboratories i.e. business statistics lab, education lab and psychology lab.

The lecture theatres/classrooms are available in such a way that can be used for the classes of any program

as the university has integration of the subjects department wise.

File Description	Document
Upload any additional information	[View Document](#)

4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

Response:

The university strives for academic excellence by providing an ambience suitable for effective teaching-learning process through well-equipped and spacious classrooms with ergonomic furniture. State of the art laboratories are established for Engineering and Technology, Biosciences, Agriculture Sciences, Arts, Language Learning, Education, Psychology and Yoga for teaching-learning and research. Aside from the above, 1 Gbps leased line internet connectivity through National Knowledge Network is present in addition 500 mbps leased line of JIO is also available and accessible. All faculty members are provided separate cabins/work stations with Computer System/Laptop for academic and research work.

Sports facilities: Indoor stadium hosts the facilities of a Squash Court, Fitness center cum Gymnasium, TT Room, Badminton Courts and facility for chess, carom etc. Outdoor stadium is equipped with basketball court, Tennis court, football field, volleyball court, cricket practice pitch, cricket field, throw ball and handball courts. Every year a sports week is celebrated in February where students from other institutes/universities are also invited to compete with University students. Students' tours to different parts of the country are conducted to apprise them of the heritage and cultural diversity of the country. There are a number of clubs, adventure sports and volunteer opportunities to join. At present, there are adequate and varied facilities available to sustain the various intramural and extramural activities, notable amongst them are Babu Vijendra Indoor Statdium, Babu Vijeyendra Out Door Stadium, a major Sports Field that has spreaded over a sufficient amount of land. It accommodates one standard synthetic track (8 lanes), a Football Field, a Hockey Field. Apart from that the university has a synthetic Basketball courts, Kabaddi, Kho-Kho and various other sports facilities, indigenous activities and yoga.

The university has centrally Air Conditioned messing facility (Maa Annapurna Mess) which has the dining capacity of more than 300 students at a time apart from the dining area allotted to the students the mess host a dining facility to the faculty members separately where the faculty members can have their meals and discuss the academic issues with their colleagues.

Health Centre: The University has a functional Health Centre for all its students, teaching and non-teaching staff living on the campus. The Health Centre is equipped to handle emergencies and routine medical needs of the residents.

To enhance the religious sprit among the students the university has built a Saraswati Mata mandir which is used for organizing mega cultural activities such as: Ganesh Chaturthi, Durgapuja, Prakash Parva, Christmas, Lohri, Basant Panchami, Deewali and Holi to name a few. Many departments have multipurpose halls which are used for departmental level cultural events.

The University celebrate the Commemorative days to instill the spirit of patriotism and brotherhood through various events like Independence Day, Republic Day, birth anniversaries of the persons who fought or contributed for the independence of our nation. Apart from these the university observes various national and international days like Yoga Day, Constitution Day, Human Rights Day, Earth Day, Environment Day etc.

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Availability of general campus facilities and overall ambience

Response:

The University is located on NH-58 in outer of the Meerut which is surrounded by the villages and cater the need of the students hailing from the rural areas. The University buildings are contemporary, light and artistically designed and surrounded by natural scenic landscape. University is at the leading edge of mobile computing. There is wireless availability across the campus and wireless hotspots and Wi-Fi zones offer true wireless access to services and the internet. This is in addition to providing fixed wired computers for students to use in labs and other access areas. In university's 12.5 acre campus apart from academic and student residence facilities, an indoor stadium with facilities for badminton, weight training and fitness center; Open air theatre, Play grounds and Play courts for Cricket, Hockey, Football, Tennis, Basketball, Hand Ball,Cafeterias, Utility kiosks, ATM and extension counter of Bank is also available.

The campus has been beautifully landscaped. Trees, lawns and park make the campus environment distinctly green. Large academic and administrative edifices with open corridors and large playground in the campus invite academics and scholars to indulge in creative and innovative activities, and prepare students to cultivate immensity of purpose. The campus provides for the faculty and students a serene ambience to learn, teach, acquire skills and develop their personality.

The University's aim is to reach the unreached and its academic thrust lies in its unique service of providing education from graduation to doctoral levels. To avoid the wastage of rain water and reduce degradation of water, several rain harvesting pits have been installed in the campus.

The natural landscape ambience has been protected and maintained while constructing new buildings in the campus. Numerous parking facilities have been also provided in the campus. Apart from the identified parking slots there are various paths which has been recognized as restricted areas so that the academic buildings have the minimum interference of the vehicle and the students can have an easy access to their academic blocks. Most of the buildings in the campus have ramps and toilets for differently-abled students.

All the class rooms are well furnished and ventilated. The university has 5 Academic Blocks where the classes and the laboratories have been established. The campus also has a Bank, ATM, a central canteen, Cafeteria and mess. Apart from this the university has three hostels; one for boys and one for girls and the

third one is allotted to the International Students. The university hostels are equipped with all the amenities and facilities.

The University has two auditoriums, board rooms and seminar halls equipped with latest technology where the students can have the seminars/workshops/symposium etc.

It has a Day Care Centre which provides care to children of the staff and students from infancy to school going age.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 18.32

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
27.74	59.25	88.54	390.21	59.81

File Description	Document
Upload audited utilization statements	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Response:

Library is considered the heart of any educational institution which empower and equip the students with knowledge and wisdom. To meet the objective of providing high quality education the university has a central library along with some departmental libraries. The central library provides the wide range of books

to cater the need of students, faculty members, research scholars and academicians. All the libraries are interconnected and have CCTV security system and are well protected with fire alarm system.

The Central Library of the university works from 8 a.m. to 8 p.m. throughout the year. The library supports the educational and research program of the university. In order to fulfill this objective, the library has developed a rich, invaluable and comprehensive collection of reference materials and other knowledge resources over the last many years.

The library has a fully automated management system KOHA software. All the library operations such as acquisition, cataloguing, circulation and serials control have been automated. In addition to issue and return facilities of the book, the software provides facilities of book reservations, reminder and recall of books and overdue related intimations. It is also helpful in management of serials control of current issues of print journals as well as back copies of journals. It is Unicode supported and hence provides a distributed system of bibliographic details of books and other knowledge resources. The report can be accessed any time through the administrators.

Web OPAC (Online Public Access Catalogue) facility is made available through KOHA Library Management Software. The Online Public Access Catalogue provides scope of searching books by the name of author or publisher, subject, title, ISBN number and keywords. It also provides the facility of combination search. The library provides on-line services to its members and is actively involved in developing digital collection and specialized services to its users. The library users can have access to a large number of e-resources including university's subscribed e-journals, e-books and e-databases. All e-resources are based on IP access module which can be accessed anywhere in campus through LAN connectivity. To promote the authentic, genuine and quality research works the library uses anti plagiarism web tool namely Ouriginal (Formerly known as Urkund), to check the plagiarism in theses and research papers of students, research scholars and faculty members. Along with these facilities, the University library has DELNET membership which facilitates resource sharing amongst different libraries. It has been extremely helping in collecting, storing and disseminating invaluable information to its users. Apart from that the university has a membership of Shodhganga, A reservoir of Indian Thesis, where the researchers and the students can access and refer the previous researches. The university has also uploaded all the Ph.D. thesis on Shodhganga till date.

Facilities available

No of printers: 01; No of Computers: 30; Bar Code Printer: 01; Bar Code Scanner: 04

Photocopy Machine: 01; No of Projector: 01

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: C. Any 2 of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 19.86

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
18.51	22.62	19.30	18.82	20.06

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 18.52

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 409

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 47

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Paste link for additional information	[View Document](#)

4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Response:

Keeping in view the technological advancements happening in the world arena of information technology, the University has always been on the forefront to update and upgrade its IT facilities in terms of providing modern classrooms, high speed internet, upgraded software, installation of sophisticated equipment. Most notably, the university was amongst the very first institution to provide PCs with internet to the faculty members in the region and the Internet connectivity to the students in all its hostels and today all hostels are wi-fi enabled and in all the university there are various wi-fi jones identified where the students hangout the most.

The University is committed to provide the IT facilities to all the students and the faculty & staff members and upgrade the facilities as and when required.

Presently the university has around 755 computers equipped with the latest technology and hardware's as per the demand. The computers are available to the students in various computer laboratories and have been installed in the cabins of the directors/Deans/Heads. Most of the faculty members are having their own laptops. Those who have not the laptop facility may use the central computing facility available in the university. Also the faculty members can get their problem solved through the dedicated team of IT professionals available in the university.

The Central Library, University Innovation and Incubation Centre, University Business Statics Lab, University Entrepreneurship Cell are equipped with the computers with latest technologies. These facilities will enhance the research quality in the university. The university has also strengthened Wi-Fi facility and networking infrastructure. Internet connectivity in the campus provided by Reliance JIO and BSNL grew exponentially along with Wi-Fi facilities. The total available bandwidth 1.5 Gbps including 1Gbps NKN link (Leased Line).

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.3.3 Student - Computer ratio (Data for the latest completed academic year)

Response: 2.79

File Description	Document
Student – computer ratio	[View Document](#)

4.3.4 Available bandwidth of internet connection in the Institution   (Leased line)

Response: A. ?1 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.5 Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links of photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 15.45

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
110.29	111.07	104.96	109.22	124.08

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The University ensures optimal allocation and utilization of the available financial recourses 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, Staff rooms, 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. Lab technicians maintain the records which are supervised by HODs of the concerned departments. Other measures are as follows:

- The lab equipment 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 Consumable & non-consumable and the finalized list is duly approved and signed by the Directors/Heads of the Department.

- 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 member ship, 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 maintained through AMC regularly and no repairable systems are disposed of. 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 maintained. 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.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 23.44

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
640	662	597	447	248

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document]
Upload any additional information	[View Document]
Institutional data in prescribed format	[View Document]
Link for additional information	[View Document]

5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 37.12

5.1.2.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1000	1000	677	565	708

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)
Link for additional information	[View Document](#)

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)
Link for additional information	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.)***) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
18	10	4	1	4

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
18	10	4	1	4

File Description	Document
Upload supporting data for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.2.2 Average percentage of placement of outgoing students during the last five years

Response: 55.47

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
173	335	418	366	222

File Description	Document
Upload any additional information	
Self attested list of students placed	
Institutional data in prescribed format	
Link for additional information	

5.2.3 Percentage of student progression to higher education (previous graduating batch).

Response: 18.1

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 177

File Description	Document
Upload supporting data for student/alumni	
Institutional data in prescribed format	
Any additional information	
Link for additional information	

5.3 Student Participation and Activities

5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.

Response: 8

5.3.1.1 **Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	2	3

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters and certificates	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3.2 Presence of Student Council and its activities for institutional development and student welfare.

Response:

Shobhit Institute of Engineering & Technology (Deemed to be University) considers its students as the most important stakeholders. The University has created a student's centric model of governance by establishing class representative system, student Advisory Committee, Hostel representative, Mess representative which facilitate the students to raise their issues and solve it by the established mechanism. The University aims to instill the values of self-motivation, self-confidence and inculcate in them social, community and environmental responsibilities. We strongly believe that the students gain and manage their time management, communication, team work, resource management, and leadership skills through their participation in various activities and therefore strongly encourages student empowerment.

Class Representative System

In each class two CRs are appointed, one boy and one girl. The appointment of CRs is done through a well-defined structured process in a transparent manner by the student's themselves

Regular meetings with CRs are held as

- Coordinators meet all CRs once in a fortnight
- Dean meets all CRs once a month and the top management including Vice- Chancellor and Registrar interact all CRs at least once a semester
- CRs keep on sending their feedback about the teaching learning and entire functioning of the University on regular basis.

Shobhit University Students Council

The University has constituted a Students Advisory Committee which consists of members with not more than one student from each Department. The members are appointed through an open process based on most critical comments submitted by the students for the improvement of the University system. Those students who give most critical and constructive comments are appointed as member. The meetings of the committee are taken by Dean Student Affairs and Chairperson of the committee. On commencement of each semester open house sessions are organized and the Vice-Chancellor and other senior officials meet the students to share the progress of the University during the last semester.

Student Hostel Representative: The representatives provide feedback to the Dean, Student Affairs during regular meetings conducted for this purpose. One representative from boys' hostel and one from girl's

hostel represent the issues related to the hostel and also ensures that no ragging, sexual harassment or any other issue undesirable incidence happens in the hostel.

Clubs and Societies:

There are various clubs in the University like Sports and Health Club, Cultural Heritage Club, Creative Activity Club, Yoga Club, SPIC-MACAY, Computer Club, Literary Club, Fine arts club.

Participation of Student's in Administrative bodies

There are plethora of clubs and committees in the University and the students are members of all clubs and committees. Students are the members of disciplinary committee, anti-ragging committee, hostel discipline committee, mess committee *etc*. Various clubs and committees are managed and run by the students themselves. The University Clubs/Committees elect President, Vice Presidents, Member Secretary and Treasurer positions, where students organize domain specific events, extra-curricular events (non- domain specific),competitions and conferences honing their subject expertise skills in addition to their leadership skills.

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 10.8

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
12	8	17	10	7

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

The Shobhit University Alumni Association is a non-profit network developed by alumni to help former students to remain connected. The mission is to share ideas, talents, and resources. Regular meetings of the Alumni association are held to interact with them. Annual Alumni Meet – "ANUBHAWA" is organized every year in which alumni serving across the globe are invited to cherish their memories and meet again to relive their memories. Alumni provides sustainability to the parent institutions both by imparting training in innovative skills to their *Alma mater* and by extramural funding which is so necessary for the growth and development of any institution. Alumni of the University have also contributed financially to strengthen the "Entrepreneurship and Innovation cell" of the University. The alumni of School of Law & Constitutional Studies contributed the equipment related to the media centre to strengthen the *alma mater* as a gift for conducting online classes and for recording the lectures. In 2019, the alumni from Biomedical department also got into an agreement between SIET and Physio-Biomed Experts where the industrial sponsorship program contemplated by this agreement is of mutual interest and benefit to both.

The functioning of the Alumni Association called "Shobhit University Alumni Association" is a registered entity under Society Registration Act. The Alumni Association contributes in the following domains: Sending feedbacks on curriculum, teaching-learning process, and new courses that can be conducted to bridge the gap between industry and academia which in turn make our students more employable. Many Alumni association/chapters meetings have been conducted by the University during the last five years in the cities like San Francisco USA, Philadelphia USA, Dubai, Bangalore, Kochi, and Lucknow. Alumni share their expertise with the students for guidance in Projects/ Placements /Contests/Internships and events. They guide students aspiring for higher studies by providing them guidance and assistance for GATE, GRE, CAT, MAT and other prestigious competitive examinations.

Alumni also come forward to support events like SANGEETAM-Cultural Fest, ANUBHAWA-Alumni Meet, Conferences, Seminars, Workshops and Conferences. Alumni associations meetings take place yearly and future plans are discussed in the meetings. Alumni also share their knowledge in the capacity of "Visiting Faculty Members". Engagement with existing students of SIET as their Mentor by conducting mock interviews, discuss business and entrepreneurship opportunities. During the interactions alumni highlight the importance of current trends in the market and guide the students about the career opprounities in various fields also by mentoring them in projects, trainings and placements. Alumni also visit the campus at regular intervals to support the existing batch of students in planning and organizing

events, etc and support and guide for functioning of various students clubs. Alumni extend their support for campus placement and summer and winter internships in various fields for the students of MBA, BBA, B.Tech. and other courses. Each of the alumni member of SIET contribute for the growth of the University in their area of expertise. Thus, alumni are functioning as a back bone of the University.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in Lakhs)

Response: A. ? 100 Lakhs

File Description	Document
Any additional information	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Vision

The University will be internationally recognized as a premier Indian University with a global perspective that educates leaders who will fashion a more humane and just world.

It is to develop the University as a brand in technical education, research and industrially relevant innovations at national and global level. We also strive to be a leading world class University, a key node in national and global knowledge network which will empower India with knowledge and innovations.

Mission

The core mission of the University is to promote learning in Indian tradition with international outlook. The University offers undergraduate, post-graduate, research scholars and professional students, the knowledge and skills needed to succeed as persons and professional in niche technical areas, and the values and sensitivity necessary to be men and women.

The University will distinguish itself as a diverse, socially responsible learning community of high-quality scholarship and academic rigor, sustained by Indian ethics & values. The University will draw from the cultural, intellectual and economic resources of the nation to enrich and strengthen its educational programmes.

The governance of the University is reflective of effective leadership and is in tune with the vision andmissionoftheUniversity.TheVisionandMissionstatementdefinestheUniversity'sdistinctivecharacteristics in terms of addressing the needs of students and society it seeks to serve by:

1. Providing courses in all disciplines in futuristic and emerging areas
2. Focusing on research and innovation
3. Developing graduate attributes as per the need of the discipline/profession
4. Developing the overall personality of the students to be an excellent professional
    1. Inculcating human values to be a good human being and having regard for heritage and culture.
5.
    1. University Level
    2. Faculty Level
    3. Department Level
    4. Programme Level
    5. Course Level

The involvement of leadership is achieved through well-defined systems and organizational structure

consistent with statutes & ordinances of the University and with the Vision and Mission of the University in general. The University has various bodies for governance through development of policies, regulations & guidelines, their implementation and continuous improvement. University Regulations & Policy Guidelines are the instruments through which all the academic, research & administrative activities are administered and monitored for effective implementation, thus ensuring quality and continuous improvement at the University level.

The leadership includes Vice Chancellor, Deans, Directors, Heads of Departments/Centers, Coordinators, etc. The Vice Chancellor, as the Principal Executive and Academic Officer steers the University in fulfillment to fits vision, mission and objectives leading the faculty and staff at all levels through developing strategic plan and setting up broad based goals/ targets, responsibilities and review mechanisms. The faculty and staff members are involved by the University leadership in developing and implementing the management system at various levels. The University invites innovative ideas/ suggestions for improvement in various functions such as Admission, Academics, Examination, Procurement, HR, Industry Interaction and Placements, Finance, Administration, Maintenance, etc.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

The University practices decentralized and participative management approach in all its activities, initiatives and decision making processes by involving Deans, Directors and Faculty Members at all levels. The culture of participative management is promoted by the University by including faculty as well as students from all departments in decision making at various levels. The administrative and academic responsibilities have been decentralized to provide effective educational leadership, both in implementation & monitoring of various policies, regulations & guidelines at various levels.

The Academic structure has five Schools headed by Directors. The University has separate Dean, Research and Development and the Dean, Students Affairs. The University has Central Library, University Admission Centre and the Controller of Examinations. The Administrative section, headed by the Registrar of the University, includes University Security Services, Estate Office, Purchase and Central Stores, Public Relations Office, Central Computing Centre, Central Amenities and Facilities, Halls of Residences, University Mess and Canteen/Cafeteria. The University Initiatives wing encompasses the International Skill Development Centre (ISDC), Shobhit University (Shobhit Institute of Engineering & Technology) Business Incubator (SUBI), New Dimensions, IQAC, ISO (ISC), IPR Cell, Centre for YOGA & Research, Centre for Integrated Research, Centre for Psychology & Human Behaviour, Centre for Spirituality & Research; Technological Business Incubator sanctioned by the Government of India, Ministry of Micro, Small & Medium Enterprises (SME-KVI- I Section), New Delhi.

The University management has dynamic leadership quality and does not interfere in academic activities and all the powers are decentralized to statutory authorities of the University. The decentralization is visible in the functioning of the University. University has provided operational autonomy to all the functionaries to work towards a decentralized governance system.

Participative Management

In a visible participative management, the Chancellor takes the lead in driving the University in all its activities such as Academic and Collaborative with National and International Organizations, Exchange Programs, Tie-Ups with Industries for on Job Training, encouraging facilities to undertake research and incentives are provided. The management is always involved in all the welfare activities of the 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 Deans, Directors, Academic Coordinators, Heads 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 regularly meet, discuss, share their opinion and plans for the event and form various committees involving students and coordinate with others. Staff members are also involved in deciding academic activities and examinations conducted by the University.

Functional Level

Faculty members participate in sharing the knowledge on 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 staff is involved in executing the day-to-day activities.

File Description	Document
Any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

The University has a Strategic Plan taking into consideration of the set objectives and broad-based goals aligned with the Vision and Mission statement of the University.

University Objectives

1. The objectives of the University are to disseminate and advance knowledge by providing instructions in research and extension facilities in such branches of learning as required.
2. The University endeavors to provide students and teachers the conducive atmosphere and facilities including infrastructure for the promotion of:
   1. Innovations in education leading to restructuring of courses, new methods of teaching and learning and integral development of personality.
   2. Studies in established and new disciplines.
   3. Inter-disciplinary studies.
   4. National integration, secularism, international understanding and ethics.

Broad based goals of the University are as follows:

1. Ensuring educational excellence.
2. Ensuring student development including physical and emotional health and wellbeing.
3. Creating culture of excellence in research, scholarship, innovation and creativity for high impact.
4. Enhancement of quality of faculty and staff for outstanding performance.
5. Advancing internationalization.
6. Enhancing relations with industry, alumni and society.
7. Enhancing employability and promote entrepreneurial initiatives.
8. Committing to all aspects of social, economic and environmental sustainability.
9. Enhancement of supporting resources.
10. Ensuring excellence in organizational leadership and governance.

The **Strategic Plan** ensures that the set targets are achieved through accountability process comprising of review, evaluation, reporting and, where necessary, re-planning:

1. The long term & short-term plans are developed by the Institutional Quality Assurance Cells (IQAC).
2. Directors and HoDs set targets considering the following aspects:
   1. Academic and Teaching-Learning Planning
   2. Infrastructure Resource Planning
   3. Faculty/Staff Resource Planning
   4. Learning Resource Planning
   5. Industry Interaction and Placement Planning
   6. Research & Innovation Planning
   7. Internationalization Planning
   8. Student Development Activities Planning
   9. Events & Annual Calendars Planning
   10. Operational Planning
   11. Financial Planning

The University aims to achieve excellence in research, and to ensure that our research contributes to the well-being of the society. We are the research-intensive University that shares the values of high-quality teaching within an environment of internationally competitive research. The strategy is to provide a creative and supportive environment in which ideas are generated and can flourish. The excellence and diversity of our research across the School of Engineering & Technology, School of Business Studies, School of Law and Constitutional Studies, School of Education and School of Basic & Applied Sciences. School of Law and Constitutional Studies means that in addition to fundamental research, we aim to make

significant contributions to the national innovation agenda and by conveying the implications of our research, to contribute to the formulation of policy.

The University has also identified a number of strategic initiatives which build on the existing research base in the University to meet research challenges that can only be addressed by multi-disciplinary teams of researchers. Our aim is to provide academic leadership in these areas and to develop strategic partnerships with academe and industry around the world to advance research, and the impact of that research, in these fields.

File Description	Document
Any additional information	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The University has a well defined organizational hierarchy and structure to support decision making processes that are clear and consistent with its purposes and supports effective decision making. The organizational structure lends itself to sustain institutional capacity and education effectiveness through involvement of stakeholders in various Committees/ Boards.

Administrative setup: The Statutes of the University provides adequate provisions for various statutory authorities as per UGC regulations, "UGC-Institutions Deemed to-be Universities Regulations, 2019" to provide policy framework and direction for the functioning of the University for fulfillment of its objectives.

The University Governance System consists of:

- Board of Management
- Planning and Monitoring Board
- Academic Council
- Finance Committee

The Vice-Chancellor leads the University's officers for smooth functioning of the University. The other officials are as follows:

- Registrar
- Deputy Registrar
- Assistant Registrar
- Controller of Examinations
- Finance Officer
- Dean, Research & Development
- Dean, Students Affairs
- Directors of Schools

- Heads of Departments
- Faculty Members
- Coordinators of specialized centers
- Professor In-charge, Library

External members are part of various Councils and Committees for enhancing the broader base and bringing transparency in the system. The University has well-structured system for professional development of the faculty and staff. Achievements of faculty and staff are recognized with financial/non-financial incentives. The Grievances of the faculty and staff are redressed timely to keep their motivation all time for their performance efficiency and satisfaction.

In conformity with the UGC Guidelines, there are some key elements for a framework of governance at the University. These are: Accountability, Transparency, and Effectiveness. To promote good governance as basis of liberalism, openness and transparency, the following mechanisms of information dissemination, communication, processes and procedures have been adopted by the University:-

• Institutional Charter and Hand Book: The University provides Student Hand book, with Academic calendar, stated mission and purposes of educational programs offered, academic requirements and rules governing the administration of the programs, including conduct of examination.

• Campus Information System: Taking advantage of the information technology, the University has developed its own system of information processing and dissemination, along with a dynamic web-site.

• Psychological Counselling & Guidance Services: In view of the increasing stress for the students resulting in pressure for them on educational and employment sectors, there are reports on psychological breakdowns among students. In order to help students against these disorders, a psychological counselling & guidance centre is headed by clinical psychologist in the University.

• Grievance Resolution: Taking into account the local circumstances, a need-based grievance resolution mechanism has been developed in the University, separately for teachers, non-teaching staff and the students. In case of students, a very sensitive system of appeal and grievance redressal is set up in the University specifically to address issues of academic victimization, prevention of ragging, sexual harassment.

• Internal Monitoring: Continuous internal monitoring of the working of the University is very essential. This is for making course-correction, if needed and for effective realization of the goal of mainstreaming of disadvantaged students.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Link to Organogram of the University webpage	[View Document](#)

6.2.3 Institution Implements e-governance covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	[View Document](#)
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

Response:

Appraisal for faculty and non-teaching staff is based on the Performance Based Appraisal System with a Proforma submitted by faculty & non-teaching staff seeking for promotion. The proforma is filled individually by faculty and non-teaching staff on Annual/Semester basis such as the teaching-learning and evaluation related activities, research and academic contributions, administrative support and contribution in extra and co-curricular activities as per UGC-guidelines. The appraisal form is scrutinized by IQAC and a confidential self-appraisal report of each faculty member is prepared by the Vice Chancellor.

The non-teaching staff at the University comprises a diverse support staff which functions as the backbone of the University. This includes the administrative and accounts staff, the laboratory staff, the library, and housekeeping staff. A confidential self-appraisal report of each non-teaching staff member is prepared by the Registrar. Apart from this, Directors of the schools regularly evaluates the performance of the laboratory staff through confidential, self-appraisal forms submitted by the support staff. Such mechanism ensures the smooth functioning of the laboratories and departments.

The University has a welfare mechanism for teaching and non-teaching staff. The following facilities are provided to the employees in maintaining healthcare, morale, safety and satisfaction:

1. Medical Inspection Room
2. Psychological Counseling and testing Center
3. Day Ccare Center for Children of Staff
4. Yoga Classes
5. 24 hour power back-up (100%)
6. Wi-Fi facility
7. The faculty members are having dedicated cabins & workstations wherein they can perform their

duties effectively.
8. Cafeterias
9. Bank facility
10. Gymnasium

Welfare schemes for Teaching and Non-teaching staff are as follows:

Teaching Staff	Non-teaching Staff
a) Freeof cost health checkup sand medication in health center.	a) Benefit of Provident Fund and Group Insuranc the employees.
b) Financial assistance forhealth relatedemergencies.	b) Free of cost health checkups and medication in
c) Maternity leave tofemale employees and paternity leave to maleemployees as per university norms.	c) Financial assistance forhealth related emergenci
d)Advance salary in case of emergency situations.	d) Maternity leave tofemale employees and pate male employees as per University norms.
e)Required facilities to the familyof a University employee who dies while inservice.	e)Provision of advance salary
f) Professional training sponsorships.	f) Provision of required facilities to the family of employee whodies while in service.
g)Financial assistance to the Teachers of the University for attending the National/International Conferences/Seminars.	g)Skill upgradation sponsorships.
h)Subsidized canteen/cafeteria facility.	h) Internet/Wi-Fifacility to all the Staff.
i) Internet/Wi-Fi facility to all the Staff.	i) Other facilities such a sUniversity Resid promotions, Salary through Bank,Indoor/Out Facility, Mobile Allowance *etc.*
j) Other facilities such as University Residences,Timely promotions, Salary through Bank, Indoor/Outdoor Sports Facility, Mobile Allowance *etc.*	j)Sponsorship for theeducation of their wards.
k)Facilities for Qualification enhancement Capacity Building within or outside the Country.	

File Description	Document
Any additional information	[View Document](#)

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 63.86

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
157	155	56	48	30

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	[View Document](#)

Other Upload Files	
1	[View Document](#)

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 12.8

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
15	15	14	10	10

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 11.78

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
23	38	15	6	1

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Details of teachers attending professional development Programmes during the last five years (Data Template)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Goal

The financial goal of the University is to ensure adequate cash flow for operational expenses and to generate reasonable surplus for the growth and expansion in line with the Strategic Plan of the University.

Guiding principles

1. The University will generate adequate funds for operational and capital expenditures from internal revenue sources.
2. The student fee will remain close to sector averages in order to continue offering affordable education in line with the University's vision and mission.
3. The surplus generated will be utilized for planned expansion of the University.

Finance Committee meets regularly to examine the accounts and to scrutinize proposals for expenditure. Major financial resources of the University are from student's fees and through trust fund. Being a Deemed to-be-University, the University has a negligible means to receive funds from government. The University ensures efficient use of financial resources through budget control system and optimal use of financial resources. The annual budget is prepared according to the need and requirements of the schools/departments taking into consideration the annual intake of students, laboratory and infrastructure developmental expenses, requirements of latest technologies, additional faculty and staff requirements and other routine expenditure like salary, increment, promotions, etc. Finance committee ensures the budget estimates and annual accounts of the University. It identifies yearly limit of recurring, non-recurring funds. However, fee receipts and other resources are planned to be utilized rather judiciously by the Board of Management on the advice of Finance Committee.

A plan is prepared at the beginning of every financial year for proper utilization of financial resources. University has well defined mechanism to monitor effective and efficient use of available resources. Before commencement of the financial year, Directors/HoDs of respective Schools/departments submit proposals regarding expenditure corresponding to the projected income for an academic year which is scrutinized by the Vice Chancellor/Registrar and thereafter a consolidated budget is placed before the Finance Committee and/or Board of Management for approval.

Every financial transaction is recorded. All procedures and dealings are computerized through software. Quotations are evaluated on the basis of cost and quality and principle of competitive bidding. After comparison, purchase order on the suitable vendor is issued. Each and every transaction is supported by the vouchers and bills. All the collections are deposited directly in the bank and all expenditure on recurring and non-recurring, are incurred through cheques. The following three types of accounts are operated:

1. Receipts & Payment Accounts.
2. Income & Expenditure Accounts.
3. Balance Sheets.

For optimal utilization of financial resources, the expenditures of the Budgeted fund are as follows:

- Salaries to

  ◦ Teaching Staff
  ◦ Non-teaching Staff

  - ◦ Honorarium Guest Faculty/Industry Experts/Members of various Committees

- Purchase of Books for Library, Software, Consumables and Lab equipments *etc*.
- Conferences and Seminars

  - ◦ National and International Conferences
  - ◦ Faculty Development Programs
  - ◦ Business/Startup Conclave,
  - ◦ Advertisements

- Research Budget
- Extension Activities
- Sports and Cultural Activities
- Club activities
- Infrastructure Development
- Expenses related to Examinations
- Miscellaneous expenses
- Approval fees of regulatory organisations

File Description	Document
Any additional information	[View Document]()

6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 106

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2020-21	2019-20	2018-19	2017-18	2016-17
21	21.25	21.25	21.25	21.25

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document]()
Any additional information	[View Document]()

6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the

last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 0

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

6.4.4 Institution conducts internal and external financial audits regularly

Response:

Financial planning ensures consistency of goals, aligning the growth objectives of the University with its financial requirements. It also supports the strategic growth of the organization. The University has the provision for internal and external audit of accounts since beginning. The University accounts are audited annually by a Chartered Accountant Firm. The University has carried out internal and external audit in a timely manner with no serious financial irregularity even reported.

A.   Internal Audit

Internal audit is handled by in-house audit team, the members of which has long experience in the area of auditing and accounts. Internal Auditors conduct 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. Any error or omission and commission, pointed out by the audit team is 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

Apart from the internal audit, external audits are conducted by qualified Chartered Accountant firm appointed by the University. The external audit is conducted in accordance with the auditing standards as per the provisions of the Government rules and regulations. They carry out the audit with regard to the compliance of all statutory provisions and also ensure proper presentation of annual accounts to confirm to the established accounting standards. The audit report along with the audited statements of accounts is placed before the Finance Committee for their approval. The Finance Committee reviews the report and if they find it necessary, they invite the auditors for a discussion and satisfy themselves about the correctness

of the accounts. After approval by the Finance Committee the annual accounts along with the report of the auditors are placed before the Board of Management for their approval.

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
- Auditor's conducts the audit and observations are made by them are attended immediately and the issues rectified before the end of financial year.

The Auditors also guide the University in taxation matters and various legal compliance. There has been no occasion of statutory non-compliance even in very non-significant matters.

File Description	Document
Any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

Response:

IQAC has been established which plays a leading role for institutionalization of quality assurance strategies and processes by constantly reviewing the teaching learning process, structure and methodologies of operation and learning outcome at periodic intervals. IQAC also reviews the teaching learning and other processes and take initiative for improving the curriculum and its enrichment.

The main practices followed in this regards are:-

- The strategies are framed by the University keeping in view the quality changes required for the

development of the University, the norms set by UGC, AICTE, BCI, NCTE, MoE and other statutory bodies. Apart from the lecture method of teaching, group discussion, debates, tutorials, assignments, seminars, case study, industrial visits are adopted for improving teaching learning process. The faculty members are advised to go beyond the content of syllabus in classes, however, keeping syllabus as the broad framework.

- IQAC also takes different quality initiatives in the form of conducting seminars, workshops, faculty development programme and other such initiatives to enhance the quality of teaching learning process.

The various initiatives under taken by IQAC are:-

- Syllabus revision and up-dation
- Complying NAAC mandate
- Initiating Internal Academic Audit
- Periodic review of performance of teaching and non-teaching staff
- Feedback collection from students,faculty,alumni,parents and industry and its analysis/compliance
- Review of teaching learning process
- Improving library facilities

The UGC regulations on "Minimum Qualifications for Appointment of Teachers and other Academic staff in the University and Measures for the maintenance of standards in Higher Education 2010", as amended from time to time are used for appointment of teachers.

Objective of IQAC

- To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the University.
- To promote measures for institutional functioning towards quality enhancement through internal quality culture and institutionalization of best practices.

Functions of IQAC

- Development of quality benchmarks/parameters for various academic and administrative activities of the University and apply them to improve quality of education imparted by the University.
- Facilitate creation of learner centric environment for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- To collect feedback responses from students, parents and other stakeholders on curricula offered, teaching, examination and other quality related institutional reports and analyse them to suggest measurements to improve the quality of education imparted.
- To collect self-appraisal reports from teaching faculty, analyse them and suggest measures/actions to be taken to improve thequality of education.
- Documentation of the various programmes/activities undertaken by the University for quality improvement.
- Dissemination of information of the various quality parameters of higher education.
- Organization of inter and intra University workshops, seminars on quality related themes and promotion of quality circles.
- Acting as a nodal agency for coordination of quality related activities, including adoption and dissemination of good practices.

- Development and maintenance of Institutional database for the purpose of maintaining/enhancing the institutional quality.
- Development of Quality Culture in the University.

File Description	Document
Any additional information	[View Document](#)

6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of University	[View Document](#)

6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

The University makes sure that the programs offered in and outside the curriculum include contributions to national development, fostering global competencies among students, inculcating a value system among students, promoting the use of technology and quest for excellence. The institution uses education as the medium for empowering the Nation and through the transaction of the curriculum it has adopted. It seeks to address the all-round development of the students enrolled in the various academic programs it offers.

A number of post accreditation quality improvements have been taken during the last five years:-

·   Regular meetings of Internal Quality Assurance Cell (IQAC)

·   Feedback collected, analyzed and used for improvements

·   Collaborative quality initiatives with other institution(s)/ Signing of MoUs

· Quality audit recognized by state, national or international agencies (ISO certification)

· National Cadet Core (NCC) Wing

· Eco-friendly campus with diversity of Biodiversity

· Wi-fi Connectivity

· Solar Photovoltaic Power Stations

· Syllabus revision

· Internal Academic Audit

· Periodic review of performance of teaching and non-teaching staff

· Feedback collection from students, faculty and alumni, parents and industry partners

· Review of teaching learning process

· Improving library and laboratory facilities

· Introduction of LMS

· Translational Research

· Measures during Covid-19 pandemic

Post Accreditation initiative

1. More Scholarships and fee concessions to socially and economically backward students.

2. Remedial classes for slow-learners, failures and drop-out students.

3. Promotion of Research and Consultancy including Revision of Research Policy

4. Introduction of New Integrated Courses.

5. Enhancement in conducting Conferences/Seminars, Internet Facility, Bank facility, Sports and Recreation Facilities *etc*.

6. Effective handout system.

7. Emphasis on ICT Strengthening and introduction of ERP

8. Quality research (Admission through entrance test, Course work followed by examination, RDC with external expert, Regular online/offline interaction with research students, 6-monthly progress report, pre-presentation seminar, plagiarism check, mandatory publications in UGC CARE journals, evaluation of

thesis by three external experts followed by oral examination, uploading of thesis on "Shodh Ganga".

9. Campus beautification, green and clean eco-friendly campus,.

10. Facilities for specially - abled students strengthened

11. e-governance implemented in administrative and examination process

The University is constantly striving and progressing to achieve excellence in academic and research fields:-

Curriculum Development : University prepares course curriculum through a number of national and international levels of workshops, seminars, conferences and brain storming sessions by experts from academia, industry and research organizations.

Research Activities : The University undertake teaching and research as essential ingredients of its activities with emphasis on research productivity, innovations in teaching and progress in emerging areas through its Post-Graduate and Doctoral programs.

Innovations in Teaching : To address both academic and co-curricular issues, such as academic excellence, social integration, academic competence, student involvement, and motivation, the University has adopted a five-point innovative teaching-learning approach: expectation, advice, support, involvement, and learning.

University-Industry Engagement Initiative : To enrich budding professionals with the industry exposure, one full semester internship program has been incorporated in the course curriculum by the University since 2011.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Shobhit Institute of Engineering and Technology Deemed to-be University,Meerut, inculcates gender sensitivity through curricular interventions and co-curricular activities and promotes gender equity by creating support facilities for women empowerment.

The University has a healthy gender ratio in both its student and staff. The University has women in senior academic and administrative positions like Dean Student Affairs, Directors, HODs, and Coordinators. There is a conscious effort to promote gender sensitivity and equity. The University organizes programs and events at regular intervals in order to spread awareness about the issue. Gender equity is attained by conducting programs like seminars, debates, group discussions for both boys and girls on a single platform. Awareness campaigns on gender sensitization are regularly organized for the students of the Institute. The very aim of gender sensitization program is to bring definite orientation in the thinking practices and approach of individuals concerning gender. The university has organized several programs aimed at enhancing gender sensitivity and equity.

These include:

- Observing International Women's Day
- Guest lectures and workshops on women empowerment, women safety and breaking gender barriers

The following facilities have been provided for women on the campus:

1. Safety and Security:
    1. Round-the clock security. Women guards in the women hostel are part of the University's security force to assist women students and staff.
    2. Surveillance cameras at key places to act as a deterrent against acts of harassment/violence against women.
    3. University Buses and Vans to and from various parts of the city as a safe alternative for public transport.
2. Separate hostel for girls and boys.
3. Counseling services for Women students and staff on the campus. The trained counseling staff includes women counselors.
4. Common Rooms for the exclusive use of women students and lady faculties.
5. Day-care Center for young children to provide support for working mothers. This facility is available free of charge.
6. Mentoring system for students to realize their academic and personal goals and help regarding academics, personal guidance and stress related issues.
7. Invited lectures by experts from outside.

Women empowerment is a key issue in today's world. The university has constituted various committees having senior Female Faculties as Chairman and Members of the committee's like

- Anti-Discrimination against any community and gender sensitization
- Anti-Ragging Committee,
- Internal Complaint Committee for Prevention of Sexual Harassment
- Anti-Corruption Committee
- Security of Women Committee

These committees are formed:

1. To promote gender equity.
2. To deal with safety and security of girl students andFemale faculty/staff members.
3. To redress the grievances of girls students/faculty members on gender issues.
4. To resolve issues in a time bound manner.
5. To provide guidance/counseling where required.

Various awareness programmes on women's empowerment and gender sensitivity, cyber-crime and self-defense were conducted in the University during last five years.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of

degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

In Shobhit Institute of Engineering and Technology, Deemed to-be University, Meerut, the key operations have been designed to have minimal impact on the environment. The University is conscious of generating less waste and recycling it or reusing it.

Solid Waste: The waste is segregated at each level and is collected at designated time intervals. The block safai workers in each floor collect, clean, segregate and compile the waste in the dustbins provided at each floor. The floor dustbins are emptied in movable containers/dustbins provided for each block and is taken to the dumping yard provided by the University. The University has contacted an authorized vendor who collects the waste from the designated place, segregates them and disposes them. The University has an agreement with Nagar Panchayat Daurala for dry and wet waste.

The waste from all around the campus is separated daily as wet and dry waste in different bags which are disposed separately. Dry waste includes paper, cardboard, glass tin cans etc. on the other hand; wet waste refers to organic waste such as vegetable peals, left-over food etc.

Land filling is the general waste management strategy adopted by the University. Organic waste is composed in pits to produce manure for the gardens.

The University follows a Policy of avoiding flex banners and plastic carry bags and cups for social functions and academic programmes.

Single sided used papers are reused for writing and printing in all departments and recently both side printing is carried out for projects and theses.

Metal waste and wooden waste is stored and given to authorized scrap agents for further processing.

E-Waste management

The following procedure is used for dealing with e-Waste.

- Buy Back option is used to minimize e-waste
- Bins are provided in the campus to collect e-waste
- Some of these are reused for maintenance purposes
- Some is taken to labs for knowledge to students about the internal parts
- Some equipment may be dismantled for practical knowledge enhancement to students
- UPS Batteries are exchanged by suppliers
- Old workable electronic items are donated

Biomedical Waste

The University has an agreement with SDS Global Hospital in the neighborhood for disposal of bio-medical waste.

Hazardous Chemicals and Radioactive Waste Management

No Radioactive waste is generated in the campus.

University offers courses on environment studies for all streams for creating environmental awareness and sensitivity among students.

Additional details at https://www.shobhituniversity.ac.in/waste-management.php?utm_source=web_shobhituniversity&utm_medium=offical_site&utm_campaign=Waste-Management

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**

4.Ban on use of Plastic

5.landscaping with trees and plants

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1.Green audit

2.Energy audit

3.Environment audit

4.Clean and green campus recognitions / awards

5.Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1.Built environment with ramps/lifts for easy access to classrooms.

2.Divyangjan friendly washrooms

3.Signage including tactile path, lights, display boards and signposts

4.Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment

5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The University is home to students and faculties from diverse geographical cultural, linguistic, communal and socio-economic backgrounds. An inclusive culture of harmony and tolerance has been created in the campus. A large number of students are from outside Uttar Pradesh. Cultural sensitivity and respect for others is stressed upon in the orientation programs for students. Many cultural events provide a platform for students to learn about each other tradition and heritage.

The Shobhit University guidelines for admission, recruitment, administrative functions and academic administrative activities safeguard the interests of the students, faculty and staff members without any differentiation to their gender. As a matter of fact, true spirit of education is being practiced in the University i.e. no discrimination against caste, creed, religion and gender including third gender. The University provides safety, security & counselling facilities to both male and female students /staff.

The life skills education training to the students, faculty & staff has developed a conducive professional relationship. All new students undergo an Induction Programme to understand the needs, concerns and characteristics of diversified people including women in the campus. There are separate hostels with caring and responsive wardens with appropriate security arrangements for boys and girls, there are separate rest room facility for boys and girls in the campus.

The University ensures the participation of women students in intra and inter-institutional competitions and cultural activities. They are active members of cultural, sports and literary clubs and participate in all competitions.

The University has the credit of creating gender sensitive environment. The academic ambience of the University promotes sensitivity and respect for each other. All programmes offered by the University are common to all- irrespective of gender without any bias or reservation. In addition, workshop /training programmes are conducted on legal rights, protection from domestic/social violence, and gender sensitivity for all the students of the University.

To promote tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities the University has been conducting a wide range of activities. e.g.:

- Sparsh kushta jagrukta abhiyaan in collaboration with District Leprosy Officer, Meerut
- Blood donation camp in Collaboration with Indian Army and LLRM Medical College, Meerut
- Free health checkup camps in Schools
- Free health Checkup camps in Dulhera Village, Meerut
- Swachha Bharat Abhiyan
- Van Mahotsav
- Awareness Campaign on Water Conservation.
- Celebration of all festivals
- Celebration of National Day of Zambia.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Shobhit Institute of Engineering and Technology, Deemed to-be University, Meerut, undertakes different initiatives by organizing various activities to sensitize students and employees to their constitutional obligations: Values, Rights, Duties and Responsibilities of the citizens. The University has conducted various programs to inculcate the sense of responsibility towards the Constitution to achieve the goals provided in the Constitution.

On 10th December 2016 Human Rights Day was celebrated by inviting Shri Niraj Bakshi, Secretary, Delhi Legal Service Authority. He instructed the students regarding their fundamental rights, duties values and responsibilities as stated in Constitution of India.

Constitution Day, also celebrated as National Law Day (or Samvidhan Diwas) is observed every year on 26th November by the School of Law and Constitutional Studies, Shobhit Deemed University to commemorate the adoption of the Constitution of India. It is observed by the University with an aim to reiterate and reorient the faculties and students towards the values and principle expressed in the Indian Constitution and encouraging all students to play their rightful role in strengthening democracy in our country.

School of Law and Constitutional Studies, of the University organized a panel discussion and Open House on the topic "The Sabrimala Issue: Verdict & Conflict". Various legal luminaries were invited and explained the importance of the event to all the participants.

Another notable step taken by the University was organizing an Online Elocution/Speech Competition during pandemic on 'Satark Bharat/Samridh Bharat' which was organized by School of Law and

Constitutional Studies, Shobhit Institute of Engineering and Technology, Deemed to-be University, in association with Hindustan Petroleum Corporation Limited on 2nd November 2020. The event threw light on the functions of CBI and Central Vigilance Commission.

On 22nd December 2018 One Day Basic Training Program on Human Rights was organized by School of Law and Constitutional Studies, Shobhit Institute of Engineering and Technology, Deemed to-be University sponsored by National Human Rights Commission (NHRC). Various Legal luminaries were invited who through light on the importance and various aspects of Human Rights.

School of Law and Constitutional Studies hosted the 2 days 1st National Moot Court Competition on 6th& 7th April 2019. The event saw participation from institutions all over India. 36 teams from 20 states participated in the competition.

Every year Republic Day is celebrated on 26th January by organizing activities highlighting the importance of Indian Constitution.

Other Programmes were conducted as follows:

- Celebration of Constitution Day on 21.11.2020 "We and our Constitution: A Discussion on Rights and Duties.
- Celebration of National Unity Day.
- Legal Literacy Camp in Bharala.
- Speech Competition on "Eradicate Corruption – Build a new India.

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and

festivals (within 500 words).

Response:

Shobhit Institute of Engineering and Technology, Deemed to-be University, Meerut, is committed to provide quality education along with emphasis on best human qualities including patriotism, fraternity, care for nature and environment, social consciousness, gender sensitization and many more. The University inculcates feeling of national pride among its students through organizing birth and death anniversaries of national figures like:

- Mahatma Gandhi,
- Lal Bahadur Shastri,
- Bhagat Singh,
- Sardar Vallabhbhai Patel Jayanti
- Dr. Sarvapalli Radhakrishnan,
- Neta ji Subash Chandra Bose

National Days

Independence Day and Republic day are celebrated with flag hosting ceremony and cultural events. The cultural events on these days are coordinated by students of different departments.

The University also organizes programs to inculcate human values in local students from nearby schools by engaging them to participate in different events like the Sports Meet, National Science Day and Yoga day. Each of these events is celebrated with full enthusiasm by students and faculty members within the campus. Different activities are conducted by students of various clubs to address social issues to create awareness among the masses. Faculty members are also involved in training the students for the occasion.

Saraswati Puja on Basant Panchmi is also celebrated by students and faculty members to seek the blessings of goddess Saraswati. Seminars and conferences are also conducted to depict the cultural heritage of India.

International Yoga day is celebrated in the University with participation of students and faculty members. Yoga Teachers train the participants and highlight to importance of yoga to keep fit and healthy. Regular yoga classes are also held in the morning to promote healthy practices in students and faculty members.

Seminars and workshops are also conducted in the university to inculcate leadership and managerial qualities among students. They are also encouraged to vote and participate in nation building through workshops.

Similarly, to make student more sensitive and aware toward nature and environment; Environment awareness programmes are conducted for all students. It includes field-based activities like tree plantation drives and Swachhta Divas.

To promote the Indian Cultural Heritage, the University conducts celebrations of different Indian Festivals.

For example:

- Sankranti
- Saraswati Pooja-Basant Panchmi
- Holi
- Diwali
- Dandiya Night
- Christmas

The following days are regularly celebrated by the University:

Ø Republic Day

Ø Independence Day

Ø Gandhi Jayanti

Ø Teacher's Day

Ø Inspirers Day

Ø Blood Donation on Inspirer's Day

Ø Constitution Day

Ø Jal Shakti Divas

Ø Rashtriya Ekta Divas

Ø Van Mahotsav Divas

Ø International Day of Yoga

Ø Vigilance Awareness Week

Ø World Health Day

Ø Kranti Divas

Ø Mother Language Day

File Description	Document
Geotagged photographs of some of the events	[View Document](#)
Any other relevant information	[View Document](#)
Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

BEST PRACTICE 1 – RESEARCH ON UDRAKSH

I.   **Title of the Practice**

Promotion of ancient wisdom on Rudraksha for societal wellbeing

II.   **Objectives of the Practice**:

In accordance with the vision of Honorable The Prime Minister of India, Shri Narendra Modi, SIET is working on Rudraksha, a symbol of rich, diverse, and ancient knowledge systems and traditions. Rudraksha means tears of 'Lord Shiva' ('Rudra' means 'Shiva' and 'Aksh' means 'tear') with its medicinal and holistic properties. Coincidently, our practice is also in tune with National Education Policy 2020. Followings are major objectives:

·   Global awareness

·   Advocacy

·   Promotion of research

·   Mass plantation of Rudraksha

·   Development of innovative technologies and products using Rudraksha

·   Strengthening human resources by developing sustainable solutions from Rudraksha

III.   **Context:**

 Rudraksha is a "wonder bead" with huge medicinal and holistic properties. According to ancient literature (*Vedas and Purans*) Rudraksha means tears of 'Lord Shiva' ('Rudra' means 'Shiva' and 'aksh' means 'tear') and botanically it's a fruit having botanical name of *Elaeocarpus* sp. Large number of pharmacological properties, compositional characteristics, and electromagnetic activities in traditional

literature have been mentioned but without any scientific evidences. Hence, the University established "Centre for Research on Rudraksha" for scientific research to prove its medicinal and other qualities.

· There is a dichotomy between western and Indian beliefs where western mind believes in a targeted approach while Indian tradition believes in holistic approach for well-being.

· Inadequate and insufficient documentation poses restrictions in the adoption of traditional medicine.

· Multi-cultural existence or religious factors affect the use as Rudraksha being considered as symbol of Hindu mythology.

· Diminishing biodiversity and a general belief in the society that it can be cultivated only in hilly areas.

IV. The Practice:

Practice and its Uniqueness:

SIET is actively involved in the global awareness, advocacy, and promotion of research and mass plantation of Rudraksha, since more than ten years. CeRR is working on different domains of research on Rudraksha including but not limited to scientific validation of its medicinal properties; molecular mechanism of action; structural, compositional, and phytochemical characterization; development of chemical and molecular markers; tissue culture propagation for mass production; mass plantation of Rudraksha; innovative product development from Rudraksha with biomaterials, therapeutic and nutraceutical values using nanotechnology and other tools. At SIET, two doctoral research works have already been successfully conducted with international impact, several research scholars are actively pursuing their research work on different domains of Rudraksha.

Thus, the Centre for Research of Rudraksha (CeRR) is one of its kind at national and international platform with the vision to serve the community as a major Resource Centre for the development of innovative technologies and products using Rudraksha for the overall wellbeing and building of healthy society.

V. Evidence of Success:

· The Center has been highly successful in its objectives. Two doctoral thesis have already been completed, others are working.

· 08 original research papers related to Rudraksha have already been published and others are under publication.

· MoU have been signed with start-up company Aanandit Rudraksham Pvt Ltd for commercial development of wearable product of Rudraksha for promoting health &well-being.

· For this purpose skill based training programs have been conducted to train entrepreneurs wishing to enter into commercial production of Rudraksha based products.

· Self Help Groups (SHG) have been formed for providing skills and employment to nearby rural population of Meerut.

· Thousands of plants of Rudraksha have been planted at various locations in India for which the plantlets were raised at SIET campus through grafting from large number of growing trees.

· We have found that Rudraksha is flowering and fruiting in sub-tropical, non-hilly climate like Meerut

VI. Challenging Issues – Problems encountered.

· One of the biggest challenge is to change the mindset of the research communities specially of western researchers. For them Rudraksha is just another plant and it is difficult for them to accept its holistic and medicinal benefits.

· There is widespread unawareness about the potential of Rudraksha as promising and unique material with great scope for development of innovative solutions. For instance- Rudraksha is an intrinsic electromagnetic bead which can be effectively used to protect from the ever-rising electromagnetic pollution.

· Development of effective prototypes needs huge investment in term of finance. Hence, getting funding is one of the greatest challenge.

· For large scale project Government support is desirable. However, getting this is a further challenge.

BEST PRACTICE-II

II. Title of the Practice

Co-learning through Stakeholders Participation: Industry-Academia Connectivity

I. Objectives of the Practice:

· To develop a policy advocacy paper on "Doubling Farmers Income by 2022" and "Open Source Digital Technology" as per the mission of Hon'ble Prime Minister of India, Sri Narendra Modi ji towards adoption of Atmanirbhar Bharat

· To motivate youths for Agri-business, block chain, food processing, organic farming, floriculture, handmade paper, water filters, bio-fertilizers and similar technologies to enhance the skills of youths to gain employment

· To motivate and galvanize rural youths for establishing **Tech StartUps** in Farm as a Business (FaaB),

II. The Context:

· Rural economy confronts with its sheer complexity, inadequate factors of production, weather uncertainties, multiplicity of schemes and multiplicity of institutions.

· Indian farmer needs timely, location-specific, and personalized information for effective control on their production, risks and then market their produce to identified market opportunities.

· Lack of awareness of farmers for modern smart technology for agriculture, food processing, reduction of post-harvest losses

· Transport of food products especially perishable items

· Many National level Programs viz., Digital India 2015, Make in India 2015, Skill India 2015, StartUp India 2015 and StandUp India 2015, have faced operational difficulties at grassroots level.

III. The Practice:

• **Practice and Its Uniqueness:**

§ **54 Webinars** held through National Webinar Series on "Doubling Farmers' Income by 2022"

§ **54 Webinars** on "Open Source Digital Technologies towards Self-Reliant India"

§ **3 Webinars** through National Webinar on Skill Empowerment by International Skill Development Centre (ISDC)

§ National Webinar on **Post Covid19: Uttar Pradesh Sustainable Development 2025,** by COE (CADMS) of the University, M/s HPMI and CAFM (IIM), Lucknow.

§ More than 10 trainings have been organized to train several students for start-ups in agriculture related business

§ Food testing trainings were organized in collaboration with FSSAI mobile food testing laboratory

§ Workshops on production of bio-fertilizers and biogas from kitchen waste have been organized

§ Workshops on agri-business related skills have been organized

§ SIET is advising on production of vinegar from all types of sugary juice materials

§ Farmers were trained for Yogic agriculture in collaboration with Brahmkumari Vishwavidhyalaya

§ 4-week skill oriented training on "Artificial Insemination" sponsored by Government of India was organized in collaboration with S.V.P. University of Agriculture & Technology, Meerut.

§ 5th Global Outreach Conference on Agriculture was organized in February, 2020 in collaboration with GOREA

§ International Conference on "Modern Approaches on Smart Agriculture" (MASA-2020) was organized in collaboration with ITDS, Ghaziabad

§ Several other activities like workshops, conferences and trainings were organized to create awareness for agri-business related 'startUps".

IV. Evidence of Success:

o   10 Project Proposals for enabling POC in the State of Uttar Pradesh.

o   National Federation of Fishers Cooperatives Ltd. (FISHCOPFED), New Delhi, signed MOU with the University to work on Fisheries Informatics Network Value Chain.

o   African – Asian Rural Development Organization (AARDO), New Delhi **got associated** with the International Webinar Series, to promote in its 33 Member Countries.

o   Ministry of Electronics and Information Technology (MeitY) has agreed to incorporate suggestions given in the "**Note on Strategic Need for Development of Digital Assets and Regulation of Data Centre in India**" of the University.

o   Two start-ups have been motivated and soon will take shape

o   Various students of SIET and other Universities have been trained and motivated

o   Awareness has been created to change the mindset of public towards agriculture as a profitable business

o   Farmers have been motivated for organic cultivation of crops.

o   108 Webinars were conducted which ended with one day National Conference on "Strengthening The Vision of Shri Narendra Modi ji, Hon'ble Prime Minister of India-"Atmanirbhar Bharat" with Focus on Agriculture & Digital Technology" held on 11th December, 2021 at Hotel Le-Meridian in Delhi as part of 75th Azadi ka Amrit Mahotsava" which was chaired by Dr. Ashok Dalwai, IAS & Chairman, Doubling Farmers Project by 2022**. Prof. Dr. Anil D. Sahasrabudhe, Hon'ble Chairman AICTE and Mr. Bhuwnesh Kumar, IAS and Joint Secrtary, Ministry of Electronic and Information Technology, Government of India were the keynote speakers.**

o   **Several M.o.Us and StartUps have been started under this program and proceedings of webinars will be published**

VI   Problems Encountered and Resources Required

·   Funding is the major problem

·   We need huge financial resources and man power to contact the farming class to train them for modern smart agricultural technology.

VII   Notes (optional)

·   The Government should focus and concentrate on agriculture sector for overall increase of GDP as 57-60% of population depends on agriculture and most of the raw materials of other industry are provided by Agriculture sector.

File Description	Document
Best practices in the Institutional web site	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

COMMITMENT TO INSTITUTIONAL SOCIAL RESPONSIBILITIES

Shobhit Institute of Engineering and Technology(Deemed to-be-University) is committed to empowering local communities through its Institutional Responsibility activities. This commitment originates in its Founder's vision, is part of its stated Vision and Mission statement, is woven into its functioning and has had substantial impact on students and other stakeholders.

SOCIAL CONCERN AS A CORNERSTONE OF UNIVERSITY POLICIES

The Vision of the University is to introduce relevant innovations, to distinguish itself as a diverse, socially responsible learning community, and to develop the overall personality of students to become excellent professionals rooted in human values and respect for diversity. One of the core values of the University is '**Respect and Social Compassion'**.

IMPORTANCE OF MENTAL HEALTH CARE FOR SOCIETAL WELLBEING

In today's world lifestyle changes along with social and economic inequalities have increased individual and societal stress making us more vulnerable to mental ill health. The World Health Organization(WHO) estimates that at any given time 10% of the global population suffers from some form of mental illness. The National Education Policy-2020 also emphasizes Life Skills Education to promote positive coping strategies for the challenges of day to day life.

MENTAL HEALTH PROMOTION ACTIVITIES INTEGRATED INTO ALL DOMAINS OF UNIVERSITY FUNCTIONING

In view of the above, the University has established the following:

Mental Health Centres

1. Centre for Psychology and Human Behaviour
2. University Health and Wellness Centre.

Activities for University Students and Staff

- Orientation Program for new students includes Life Skills Training, Time Management, Strategies

for Success and Personal Effectiveness, Health and Wellness.
- On every Inspirer Day celebration students welcome and interact with students of Vani School – a school for children with speech and auditory disability.
- Psychological testing facilities are available free of cost-including IQ tests, Personality tests, Aptitude tests as well as Diagnostic tests.
- These tests aid students in getting better insight into them and are valuable for career choices.

Student Led Mental Health Related Social Responsibility Activities

- Students participate in NCC activities, cleanliness drive, green campus initiatives and health awareness campaigns.
- Wall Painting Activity

Extension Activities

- Career counseling
- Programs on Child sex abuse
- Teacher Enrichment Programs in school
- Life skills Training Programs for students.
- Prevention of sexual harassment workshops for Organizations.
- Career guidance webinar series for students of Orissa.
- Online workshop on Managing Emotions
- Swatch Bharat Abhiyan Activities
- Blood Donation Camps
- Beti Bachao Beti Padhao
- Awareness for Not to Use Tobacco
- Tele Helpline for Counseling to public during Covid-19 pandemic
- Legal Awareness Camp
- Adoption of Villages under Unnat Bharat Abhiyan
- One Plant, one student
- Central Vigilance Awareness Program
- Digital India Campaign
- Doubling Farmers Income activities, guidance to the farmers and motivation
- Free Legal help to the villagers
- Save Water, Save earth
- Conservation of Biodiversity

Extension Programs for Organisation

Psychological Counseling, Testing and Training programs for Organizations and Industries.

Disaster Response

- During Covid-19pandemic, 100 bedded Quarantine Facility was formed in the University.
- Hand Sanitizer made in University were distributed free of cost to the public and administration
- Tele Counseling service to Covid-19 patients facing psychological disturbances, was provided
- Awareness to save from Covid-19 pandemic was highly appreciated

Research on Mental Health

Psychological Research is being carried out in following major areas:

- Life issues faced by divorced women
- Emotional wellbeing of the elderly
- Emotional health of persons living in old age homes
- Adolescents and Parenting
- Effect of Covid-19 Pandemic on different populations and age groups
- Social Media usage and its impact
- Impact of different kinds of psychological therapies
- Alcohol de-addiction and many more

The Social Responsibility and Mental Healthcare Activities have had a substantial impact on the community

- Thousands of students – of the University and neighboring schools-have benefitted from these programs.
- It is estimated that an amount of Rs 5,00,000/- was spent on extension activities from 2016 to 2021.
- During Covid-19 Pandemic the University contributed Rs 5,00,000/- to PM Care Fund
- The University's reputation for social action in the field of mental health has been recognized by other organizations. In 2018, the Dayal Group of Campanies contributed Rs- 21,000/- for The National Conference- "Psycon 2018-Psychology Today- and The Road Ahead"

In conclusion the University has made an impact in diverse areas of social relevance.

COMMITMENT TO SKILL DEVELOPMENT

Shobhit University Business Incubator (SUBI)

SUBI works as a bridge for Knowledge & Technology Transfer between the University and the Industry also. The University is member of the apex industrial bodies of the country such as FICCI, ASSOCHAM & CII.

International Skills Development Centre (ISDC)

The objective of ISDC is to provide need based and market driven professional employability skills to youth, both in the organized and un-organized sectors.

Industry Engagement Initiative (IEI)

The University understands that active engagement of the industry with the academia is vital for developing the required skills in the future professionals in the context of changing scenario around the globe. Under this Initiative students are prepared to meet the requirements of industries.

INITIATIVE FOR PRESERVATION OF HISTORIC AND CULTURAL HERITAGE

Hastinapur Research Institute has been set up to preserve our historical wealth. Ganini Jnanamati Shodhapeetha, Jamboodweepa of the University, is functioning under the blessings of Ganini Gyanmati Mataji. The Shodhapeetha library has rare manuscripts and plenty literature on Jainology.

Initiatives for a nonviolent world are being undertaken to foster proactive intellectual dialogue through conferences & seminars.

Student Transition & Empowerment Program (STEP)

STEP program familiarizes school students with life beyond the boundaries of the school before actually moving out of it.

The objective of STEP is to prepare school students to take informed decisions in career selection, bring out their hidden talents and interests and guide their growth path

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Shobhit Institute of Engineering & Technology (Deemed to-be-University), Meerut has made a significant progress in providing need based quality education with the help of globally qualified faculty and excellent infrastructure using modern technological tools including several open source learning platforms, skill-oriented training programs to empower the nation.

A conducive environment for research and innovation has been created to drive thenext phase of excellence. Quality initiatives have been introduced based on consultative processes with stakeholders for curriculum enrichment, adoption of contemporary teaching-learning methods, facilitation of research, harnessing information communication technology for academic and governance support, and streamlining social responsibility activities.

Concluding Remarks :

Shobhit Institute of Engineering and Technology(Deemed to-be-University) is the only deemed University in NCR and is a research oriented rural University with focus on providing the local need based education to the students with global competence and social relevance. The University excels in Life Sciences including Biomedical Engineering, Biotechnology and Agricultural Technology including Agri-business Management, however, we are focusing on Computer Engineering, Business Management, Psychology, Law and Education also. The University has been working and focusing on Government policies and recently SIET conducted a series of 104 Webinars to prepare a draft paper on vision of Hon'ble The Prime Minister of India, Shri Narendra Modi ji for "Doublinmg Farmers Income by 2022" and "Open Source Digital Technology" for Atmanirbhar Bharat. SIET is also focusing on "Beti Bachao Beti Padhao" by way of supporting 20% scholarship to each and every girl child. The University has participated in "Unnat Bharat Abhiyan" and has adopted nearby villages for their social and educational upliftment by providing them guidance and educating through various contact programs. SIET is a part of "Plantation Drive" and have implemented a policy of "one plant one student", and by a mission of protection of biodiversity and endangered species, SIET has planted thousands of "Rudraksha" trees in India by raising the plantlets at its own campus. The University has actively involved its students and faculties in "Digital India Mission" and has educated farmers and socially backward people in and around the University by organizing various camps and contact programs. The University is working for Human Rights and has organized Human Rights Trainings and Workshops sponsored by NHRC. Under Skill India program, the University has been a partner in organization of 90-days training program on "Multipurpose Artificial Insemination Technicians in Rural India (MAITRI) under RashtriyaGokul Mission sponsored by the Department of Animal Husbandry, Dairying and Fisheries, Government of India from 11th November to 10th December, 2021 in collaboration with S.V.P. University of Agriculture & Technology, Meerut. The University has organized large number of conferences, seminars, workshops, training programs almost by each and every Departments for active academic interaction and exposure. The exponential increase in the number of research scholars at SIET with large number of quality publications and patents speaks the growth of the University.

Various courses are taught in the University in the disciplines ofLife Sciences, Engineering & Technology, Management, Humanities, Education, Law & Constitutional Studies along with several short term training programs and a mandatory six month internship / training.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.2	**Percentage of Programmes where syllabus revision was carried out during the last five years.** 1.1.2.1. **How many Programmes were revised out of total number of Programmes offered during the last five years** Answer before DVV Verification : 28 Answer after DVV Verification: 28 1.1.2.2. **Number of all Programmes offered by the institution during the last five years.** Answer before DVV Verification : 32
1.1.3	**Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years** 1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17	 |---|---|---|---|---|
1153	1152	1111	1094	990 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17 | |---|---|---|---|---|
1153	1152	1111	1094	990	
1.2.1	**Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.** 1.2.1.1. **How many new courses were introduced within the last five years.** Answer before DVV Verification : 403 Answer after DVV Verification: 403 1.2.1.2. **Number of courses offered by the institution across all programmes during the last five years.** Answer before DVV Verification : 1089
1.2.2	**Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).** 1.2.2.1. **Number of Programmes in which CBCS / Elective course system implemented.** Answer before DVV Verification : 32 Answer after DVV Verification: 31 Remark : DVV has updated the data as per documents provided by the HEI
1.3.2	**Number of value-added courses for imparting transferable and life skills offered during last five years.**

1.3.2.1. How many new value-added courses are added within the last five years.
Answer before DVV Verification : 130
Answer after DVV Verification: 130

1.3.3	**Average Percentage of students enrolled in the courses under 1.3.2 above.**
	1.3.3.1. Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1887	1956	1856	1728	1504

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1887	1956	1856	1728	1504

1.3.4	**Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).**
	1.3.4.1. Number of students undertaking field projects or research projects or internships. Answer before DVV Verification : 918 Answer after DVV Verification: 918

1.4.1	**Structured feedback for design and review of syllabus – semester-wise / year-wise is received from** **1) Students, 2) Teachers, 3) Employers,** **4) Alumni** Answer before DVV Verification : A. All 4 of the above Answer After DVV Verification: A. All 4 of the above
2.1.1	**Demand Ratio (Average of last five years)** **2.1.1.1. Number of seats available year wise during the last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2004	2004	1572	1512	1374

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1710	1710	1572	1512	1374

2.1.2	**Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years** **(Excluding Supernumerary Seats)** **2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
524	516	474	405	349

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
524	516	474	405	349

2.4.2	**Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years** **2.4.2.1. Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
66	64	51	39	29

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
66	64	51	39	29

2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)** **2.4.3.1. Total experience of full-time teachers** Answer before DVV Verification : 809 Answer after DVV Verification: 809

2.4.4	**Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years** **2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
42	41	33	14	24

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
19	14	9	7	2

Remark : DVV has updated the data after removing the local awards/ Appreciation/guest/speaker

2.5.1	**Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years** 2.5.1.1. **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years** Answer before DVV Verification: Answer After DVV Verification :

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	14	9	9

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	14	9	9

2.5.2	**Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years** 2.5.2.1. **Number of complaints/grievances about evaluation year wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	1	3

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	1	3

2.6.3	**Pass Percentage of students(Data for the latest completed academic year)** 2.6.3.1. Total number of final year students who passed the examination conducted by Institution. Answer before DVV Verification : 978 Answer after DVV Verification: 978

2.6.3.2. Total number of final year students who appeared for the examination conducted by the Institution.

Answer before DVV Verification :   1054

3.1.2	**The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

3.1.2.1. The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
19.366	4.27	1.004	2.5	2.15

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
5.0	4.27	1.004	2.5	2.15

Remark : Value for the year 2020-21 has been reduced considering the previous years values spend on the seed money

3.1.3	**Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.**

3.1.3.1. The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	02	0	01

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	2	0	1

3.1.4	**Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.**

3.1.4.1. The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
34	19	11	7	7

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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	2	3	4	4

3.1.5	**Institution has the following facilities to support research** 1. **Central Instrumentation Centre** 2. **Animal House/Green House** 3. **Museum** 4. **Media laboratory/Studios** 5. **Business Lab** 6. **Research/Statistical Databases** 7. **Mootcourt** 8. **Theatre** 9. **Art Gallery** 10. **Any other facility to support research** Answer before DVV Verification : A. 4 or more of the above Answer After DVV Verification: A. 4 or more of the above
3.1.6	**Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)** 3.1.6.1. **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.** Answer before DVV Verification : 2 Answer after DVV Verification: 2
3.2.1	**Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).** 3.2.1.1. **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21.0	1.25	0	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
21	1.25	0	0	0

3.2.2	**Grants for research projects sponsored by the government agencies during the last five years**

(INR in Lakhs).

3.2.2.1. **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.675	0.5	1.5	81.9

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.675	0.5	1.5	81.9

3.2.3	**Number of research projects per teacher funded by government and non-government agencies during the last five years** 3.2.3.1. **Number of research projects funded by government and non-government agencies during the last five years.** Answer before DVV Verification : 14 Answer after DVV Verification: 14 3.2.3.2. **Number of full time teachers worked in the institution year-wise during the last five years..** Answer before DVV Verification : 662
3.3.2	**Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.** 3.3.2.1. **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.** Answer before DVV Verification: _table below_

2020-21	2019-20	2018-19	2017-18	2016-17
27	10	21	9	6

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
27	10	21	9	6

3.3.3	**Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.** 3.3.3.1. **Total number of awards / recognitions received for _research /_ innovations won by institution / teachers / research scholars / students year-wise during the last five years.** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
15	11	1	1	11

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
7	2	1	10	0

Remark : DVV has updated the data after removing the Participation/presentation certificates in workshops / conferences

3.4.1	**The Institution ensures implementation of its stated Code of Ethics for research through the following:** **1. Inclusion of research ethics in the research methodology course work** **2. Presence of Ethics committee** **3. Plagiarism check through software** **4. Research Advisory Committee** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above
3.4.2	**The institution provides incentives to teachers who receive state, national and international recognitions/awards** **1.Commendation and monetary incentive at a University function** **2.Commendation and medal at a University function** **3. Certificate of honor** **4.Announcement in the Newsletter / website** Answer before DVV Verification : A.. All of the above Answer After DVV Verification: E. None of the above Remark : HEI has not provided any supporting documents that show the incentive had been given to the teachers. DVV is not able to verify the data
3.4.3	**Number of Patents published / awarded during the last five years.** 3.4.3.1. **Total number of Patents published / awarded year-wise during the last five years.** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
127	0	0	0	0

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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	0	0

Remark : HEI has included all the patents published in the session 2021-22

3.4.4	**Number of Ph.D's awarded per teacher during the last five years.** 3.4.4.1. **How many Ph.D's are awarded within last five years.** Answer before DVV Verification : 68 Answer after DVV Verification: 68 3.4.4.2. **Number of teachers recognized as guides during the last five years** Answer before DVV Verification : 22
3.4.5	**Number of research papers per teachers in the Journals notified on UGC website during the last five years** 3.4.5.1. **Number of research papers in the Journals notified on UGC website during the last five years.** Answer before DVV Verification: See table below
3.4.6	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years** 3.4.6.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years** Answer before DVV Verification: See table below
3.4.7	**E-content is developed by teachers :**

3.4.5.1 Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
259	164	98	49	39

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
259	164	98	49	39

3.4.6.1 Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
71	49	75	8	8

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
71	49	75	8	8

1. **For e-PG-Pathshala**
2. **For CEC (Under Graduate)**
3. **For SWAYAM**
4. **For other MOOCs platform**
5. **Any other Government Initiatives**
6. **For Institutional LMS**

Answer before DVV Verification : D. Any 2 of the above

Answer After DVV Verification: D. Any 2 of the above

3.5.2	**Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).**

3.5.2.1. **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
36	1.39305	0	0.25	1.10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
5	1.39305	0	0.25	1.10

3.6.2	**Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**

3.6.2.1. **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
13	8	7	3	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	2	0	0

Remark : HEI has included the local award and appreciation letter as recognition. DVV has excluded these local awards

3.6.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

3.6.3.1. **Number of extension and outreach programs conducted by the institution those**

through NSS/NCC, Government and Government recognised bodies during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
23	15	23	8	7

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
23	15	23	8	7

3.6.4	**Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years**

3.6.4.1. **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3363	2500	4488	1433	1432

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3363	2500	4488	1433	1432

3.7.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**

3.7.1.1. **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
236	62	68	52	66

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
236	62	68	52	66

3.7.2	**Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

3.7.2.1. **Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
48	16	15	10	06

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
05	06	10	01	03

Remark : DVV has updated the data as per documents provided by the HEI

| 4.1.4 | **Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)**

4.1.4.1. **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**
Answer before DVV Verification:

\| 2020-21 \| 2019-20 \| 2018-19 \| 2017-18 \| 2016-17 \|
\| 27.74 \| 59.25 \| 88.54 \| 390.21 \| 59.81 \|

Answer After DVV Verification :

\| 2020-21 \| 2019-20 \| 2018-19 \| 2017-18 \| 2016-17 \|
\| 27.74 \| 59.25 \| 88.54 \| 390.21 \| 59.81 \| |

4.2.2 **Institution has access to the following:**

1. e-journals

2. e-ShodhSindhu

3. Shodhganga Membership

4. e-books

5. Databases

6. Remote access to e-resources

Answer before DVV Verification : A. Any 4 or more of the above
Answer After DVV Verification: C. Any 2 of the above

4.2.3 **Average annual expenditure for purchase of books/ e-books and subscription to journals/e-**

journals during the last five years (INR in Lakhs)

4.2.3.1. Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
19.77	22.98	20.99	20.37	20.44

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
18.51	22.62	19.30	18.82	20.06

Remark : DVV has updated the data after excluding the amount for purchase of news paper and periodicals from the supporting document

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4.3.1	**Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)**
	4.3.1.1. **Number of classrooms and seminar halls with ICT facilities**
	Answer before DVV Verification : 47
	Answer after DVV Verification: 47
4.3.4	**Available bandwidth of internet connection in the Institution (Leased line)**
	Answer before DVV Verification : A. ?1 GBPS
	Answer After DVV Verification: A. ?1 GBPS
4.3.5	**Institution has the following Facilities for e-content development**
	1. **Media centre**
	2. **Audio visual centre**
	3. **Lecture Capturing System(LCS)**
	4. **Mixing equipments and softwares for editing**
	Answer before DVV Verification : A. All of the above
	Answer After DVV Verification: A. All of the above
4.4.1	**Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years**
	4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**
	Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
110.29	111.07	104.96	109.22	124.08

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
110.29	111.07	104.96	109.22	124.08

5.1.1	**Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).** 5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)** Answer before DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17 | |---|---|---|---|---| | 641 | 662 | 597 | 447 | 248 | Answer After DVV Verification : | 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 | |---|---|---|---|---| | 640 | 662 | 597 | 447 | 248 |

5.1.1

Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

    5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
641	662	597	447	248

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
640	662	597	447	248

5.1.2

Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

    5.1.2.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1078	1114	677	565	708

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1000	1000	677	565	708

5.1.3

Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene)

4. Awareness of trends in technology

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

5.3.1	**Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

5.3.1.1. Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
25	61	28	31	34

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	2	3

Remark : DVV has updated the data as per documents provided by the HEI. Sports and cultural events at inter-university / state / national / international events. Group events are to be considered one only.

5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year**

5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
12	28	37	31	28

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
12	8	17	10	7

5.4.2	**Alumni contribution during the last five years (INR in Lakhs)**

	Answer before DVV Verification : A. ? 100 Lakhs Answer After DVV Verification: A. ? 100 Lakhs
6.2.3	**Institution Implements e-governance covering following areas of operation** 1. **Administration** 2. **Finance and Accounts** 3. **Student Admission and Support** 4. **Examination** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above
6.3.2	**Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.** 6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>157</td><td>155</td><td>56</td><td>48</td><td>30</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>157</td><td>155</td><td>56</td><td>48</td><td>30</td></tr></table>
6.3.3	**Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.** 6.3.3.1. **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>19</td><td>16</td><td>14</td><td>10</td><td>10</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>15</td><td>15</td><td>14</td><td>10</td><td>10</td></tr></table>
6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

6.3.4.1. **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
155	156	53	42	53

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
23	38	15	6	1

Remark : DVV has updated the data after excluding the FDP's those having duration less than five days

6.4.2	**Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).**

6.4.2.1. *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21.25	21.25	21.25	21.25	21.25

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
21	21.25	21.25	21.25	21.25

6.4.3	**Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)**

6.4.3.1. Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6.66	6.66	19.56	6.66	6.66

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation measures** 1. **Solar energy** 2. **Biogas plant** 3. **Wheeling to the Grid** 4. **Sensor-based energy conservation** 5. **Use of LED bulbs/ power efficient equipment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: A. 4 or All of the above
7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : Data updated as per the documents provided by the HEI
7.1.5	**Green campus initiatives include:** 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants** Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: A. Any 4 or All of the above
7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:** 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions / awards** 5. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above
7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.**

2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Answer before DVV Verification : A. Any 4 or all of the above

Answer After DVV Verification: A. Any 4 or all of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

1.1 — Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
32	32	30	30	28

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
31	31	29	29	27

2.1 — **Number of students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2053	2810	2385	2096	1540

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2053	2810	2385	2096	1540

2.2 — **Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
978	714	535	552	325

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
978	714	535	552	325

2.3 — **Number of students appeared in the University examination year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3107	2810	2385	2096	1540

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2053	2810	2385	2096	1540

2.4	**Number of revaluation applications year-wise during the last 5 years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	3	2	1	3

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	1	3

3.1	**Number of courses in all programs year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1207	1206	1161	1141	1021

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1207	1206	1161	1141	1021

3.2	**Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114

3.3	**Number of sanctioned posts year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
155	145	125	120	114

4.1	**Number of eligible applications received for admissions to all the programs year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3259	3434	3513	3569	3005

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3259	3434	3513	3569	3005

4.2	**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
847	847	778	748	680

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
847	847	778	748	680

4.3	**Total number of classrooms and seminar halls** Answer before DVV Verification : 47 Answer after DVV Verification : 47

4.4	**Total number of computers in the campus for academic purpose** Answer before DVV Verification : 755 Answer after DVV Verification : 735

4.5	**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
711.700	737.995	695.168	652.679	834.244

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
711.7	737.995	695.168	652.679	834.244

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