SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT 20 KILOMETER
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Ganga Institute of Technology and Management, Kablana is one of the prestigious Institutes in the field of Engineering and Management in Delhi-NCR region. The Institute was established in the year 2008 under the aegis of Pawan Ganga Educational Society. It is approved by the All India Council for Technical Education, New Delhi and is affiliated to Maharshi Dayanand University, Rohtak. The Institute is also recognized u/s 2(f) of UGC Act, 1956. In a recent survey by Times Engineering Institute Ranking Survey- 2021, the Institute has been ranked 67th among all Engineering Institutes in India.

Presently the Institute is running Eight UG and Nine PG programmes under Maharshi Dayanand University, Rohtak.

- B.Tech Computer Science and Engineering
- B.Tech Civil Engineering
- B.Tech Electronics and Communication Engineering
- B.Tech Electrical Engineering
- B.Tech Fire Technology and Safety
- B.Tech Mechanical Engineering
- Bachelor of Computer Applications
- Bachelor of Business Administration
- M.Tech Computer Science and Engineering
- M.Tech Cyber Forensics and Information Security
- M.Tech Electronics and Communication Engineering
- M.Tech Electrical Power Systems
- M.Tech Machine Design
- M.Tech Manufacturing and Automation
- M.Tech Structural Design

The Institute is also running three Diploma programmes in Mechanical Engineering, Civil Engineering and Electronics and Communication Engineering under Haryana State Board of Technical Education, Panchkula.

Unique Engineering disciplines such as Fire Technology and Safety at UG level and Cyber Forensics and Information Security at PG level are the special attractions of GITAM. The Institute has efficient and scholarly Faculty; 16 are Ph.D holders and 22 are pursuing their Ph.Ds. Outstanding University results and good number of placements of eligible students have made the Institute a first preference among stakeholders from all parts of the Country and some foreign Countries like Afghanistan, Nigeria, Nepal, Bhutan, Democratic Republic of Congo, UAE, Philippines and Zimbabwe.

Vision

GITAM aims to be an outstanding Institute in India through academic excellence in the field of Technology and Management to fulfill the need of the Industry and serve the society.

Mission

- To provide a healthy environment to our students as well as faculty members.
- To achieve excellence in technical education.
- To promote holistic development of students through interaction with Alumni, Academia, Industry and Expert Lectures.
- To attract, nurture and retain the best faculty and technical manpower.
- To contribute to the society by inculcating professional ethics in the students.
- To promote research and development Initiatives.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Affiliated to Maharshi Dayanand University, Rohtak (NAAC A+ Accredited)
- Progressive Teaching and Learning Process
- Conducive working environment
- Ragging free campus
- Highly qualified and dedicated faculty
- State-of-the-art infrastructure
- Wi-fi enabled campus
- Well Stacked Library
- Students with diverse backgrounds
- Green Campus Environment
- Variety of Institutional scholarships to support students
- Centre of excellence for skill development
- MOUs with reputed Institutes and Industries
- IQAC has been established for quality audit
- Participative Management
- Students are trained with soft skills and motivated for social responsibilities
- Continuous Monitoring and Counselling System for Students
- E-Governance is promoted for administration, academics and financial transactions
- Proper initiatives are taken in support of slow learners and advanced learners.
- Well connected by road and metro.
- Consistent and progressive achievements of the students in University Merit list.

Institutional Weakness

- Institute has no significant say in the design of curriculum being an affiliated Institute and has to stick to the syllabi provided by the University which leads to technical gap compared with Industrial needs and global standards.
- Lack of flexibility in scheduling Add on programs due to occupied university calendar.
- As the Institute is self-financed, government funding is limited.
- Involvement of alumni in financial assistance is less.

Institutional Opportunity

- Collaboration with Institutes of repute and foreign universities for student/faculty exchange program.
- To arrange more number of FDPs / National/ International Conferences.
- To acquire the status of Autonomous Institute
- To become an Incubation Centre
- To inculcate Entrepreneurship Skills in students
- To encourage more and more students to take courses on online learning platforms such as SWAYAM and NPTEL.
- To make continuous efforts for industrial tie-ups for training and placements.
- Scope for interdisciplinary research and sponsored projects.

Institutional Challenge

- Lack of Academic Autonomy being an affiliated Institute.
- Encouraging students to appear for competitive examinations and higher studies (GATE/ PSUs/GMAT/CAT etc).
- Keeping pace with technological advancements.
- Focus on Industrial Training for faculty.
- To make the students 100% employable and entrepreneurs.
- Lack of grants for research projects and patents.
- Diverse Socio-economic background of students.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

GITAM is affiliated with Maharshi Dayanand University, Rohtak, and follows the curriculum prescribed by the University. The Institute ensures effective curriculum delivery through a well-planned process. Institute ensures that the academic calendar is meticulously planned in synchronization with the academic calendar of affiliating University. The faculty of the Institute participates in various activities related to the assessment process of affiliating university. The CBCS system is implemented by the University in all the B.Tech, MBA, MCA and most of the M.Tech programmes. Also a good number of elective courses are given in M.Tech programmes in which the CBCS system is not implemented. In addition to priscribed curriculum, Institute give thrust on curriculum enrichment by offering skill oriented programmes such as Add On programmes, Seminars, Workshops, Expert Lectures and Industrial Visits for the students to acquaint them with recent developments in Engineering, Technology and Management. The Institute regularly monitors whether the action plans are being followed and checks the effectiveness of these action plans. The Academic Monitoring Committee regularly monitors the progress of each course and suggests remedial actions if necessary.

The Institute upholds human values and promotes gender equity, insight into various environmental issues, and sustainability. Due to the incorporation of courses like Safety in Construction, Consumer Protection, Engineering Ethics, Entrepreneurship Development, Organizational Behaviour, Human Rights and Values, Constitution of India, Environmental Pollution and Control, Automobile Safety, Environmental Engineering and Management, Environmental Studies in different semesters, students are made aware of various issues related to society. Feedback on the curriculum is taken from all the stakeholders and a thorough analysis is done

for remedial actions.

Teaching-learning and Evaluation

GITAM admits the students as per the state government/affiliating body rules. The Institute reflects student diversity as the students from 26 states of the Country and also Foreign Countries like Afghanistan, Nigeria, Nepal, Bhutan, Democratic Republic of Congo, UAE, Philippines and Zimbabwe are pursuing higher studies in the Institute..

The faculty uses ICT tools like PPTs, NPTEL videos, etc. for a better learning experience for the students. The Institute has tie-ups with IIT Delhi for Virtual Labs and IIT Mumbai for Spoken Tutorials.

Students are evaluated on various facets of their learning levels. Remedial/ Doubt classes are arranged for slow learners. Advanced learners are motivated to study topics beyond the syllabus and to participate in various Project Competitions at State and National Level like Smart India Hackathon, Chhatra Vishwakarma Awards, etc. Various activities like project exhibition, internships, industrial visits, visit to exhibitions, tutorial sessions, survey camps, awareness camps, co-curricular and cultural events enhance the participative, experiential and collaborative learning experiences of the students. Mentors take care of the academic issues as well as provide students with emotional support in stressful situations.

The process of internal assessment is transparent. The academic grievances are redressed timely. Course outcomes (COs) are designed as per the Revised Bloom's Taxonomy (RBT) and levels are mentioned against the questions in internal exams. The attainment of COs and POs is calculated through a well-defined procedure.

During the last six years, most of the university merit positions are bagged by the GITAM students in all the programmes which are increasing with every passing year.

Research, Innovations and Extension

The Institute has a well-organized Resource Development Cell (R & D) Cell and Departmental Research Committee (DRC) to ensure that the Research and IPR policies for Patents are effectively implemented. The Institute regularly organizes National and International conferences. The Institute has well-defined Conference Guidelines and provides Incentives for Publication in SCI/Scopus/UGC Care List Journals to promote Research and Innovation culture among faculty and students. Institute also focusses to enhance the quality of Academic Research Projects. Research and Development activities create and disseminate new knowledge in different fields, promote innovation, motivate better learning and teaching among faculty members and students of our Institute. These are often incorporated into the courses.

GITAM always works to create awareness among the underprivileged society through various awareness programmes like Fire and Safety Programmes, Pollution Control, Effects of Mobile Radiations, Water Conservation and Solid Waste Management, Education of the Girl Child, Tree Plantation, Cyber Security etc. The Institute has signed MOUs with various Industries and Institutes for the overall development of the students.

Infrastructure and Learning Resources

Institute comprises a state-of-the-art infrastructure located in a serene and lush green campus with dedicated allocation for academics, administration, amenities and a well-planned attractive landscape. The campus consists of Institute building and Hostel buildings with a total built-up area of 2 Lacs sq. ft. The Institute provides a twin-sharing Hostel facility in the campus for boys and girls with all modern amenities. The campus spreads over 10.2 acres. Institute has well-furnished Classrooms, Tutorial Rooms, Departmental Laboratories, Language Lab, Workshops, Computer Centers, Seminar Halls, Central and Departmental libraries. The campus is Wi-Fi enabled and is under CCTV surveillance. The Central Library is well equipped with books, e-facilities and automated by Integrated Management System. The Institute has an internet facility with 500 MBPS bandwidth. The Computer Centers are well equipped with the latest configuration systems enabled with high-speed internet connectivity. The Institute has outdoor sports facilities and an indoor gymnasium. 24 x 7 Power backup is provided by generators and solar panels around the year. The well-equipped infrastructure of the Institute is efficiently maintained by proper budget allocation.

Student Support and Progression

The students from the financially weaker sector are encouraged by the Government, providing them financial assistance. The Institute has a variety of scholarship/freeship schemes for the meritorious, needy and girl students. The Institute ensures the holistic development of the students through various Co-curricular and Extracurricular activities. GITAM encourages the students to participate at National level Competitions, the students of Institute bagged runner up in 2017 and first prize in the **Smart India Hackathon** and **Manthan** for four consecutive years 2018 to 2021. Mock Interviews, Group Discussions, Resume tailoring, On and Off campus placement drives are the continuous efforts by the placement cell. The Institute organizes a **Mega job fair** for the placement of students. The Institute prioritizes the students' progression for higher studies, identifying the reasons for poor attainment and implementing remedial measures wherever necessary. The Institute supports and assists the students in preparing for GATE, PSUs and other competitive exams.

Students are encouraged to participate in various technical and co-curricular activities at State and National levels. Every year an annual Fest **"Achievers"** is organized in which students from other Institutes also participate. **G-Spardha**, an annual sports meet, is organized to instill sportsmanship among the students and inculcate a spirit of healthy competition. In 2019, the alumni association (Jeevan Dhara) was registered with the department of industries and commerce Haryana under the Haryana Registration and regulation of Societies Act 2012. Some of our well-to-do alumni encourage the aspiring student fraternity through regular Alumni talks.

Governance, Leadership and Management

The governing body of the Institute works closely with the Board of Governors and Internal Quality Assurance Cell (IQAC) for the achievement of the Vision, Mission and overall growth of the Institution. The Institution adopts decentralization and participative management where all the stakeholders are involved in the decision-making process. Strategic plans are chalked out well in advance for setting objectives, formulating and implementing strategies for the achievement of the vision of the Institute, which is a long-term plan for keeping pace with the ever-changing needs of the society. The Institute takes keen interest in the welfare of the employees by providing them with a congenial environment for better professional growth. The Faculty is encouraged to pursue higher studies and participate in Conferences, Seminars, FDPs, and workshops to enhance

their skills. The Institute is a remote center of NITTTR Chandigarh. Hostel facility without charges is provided to the Faculty coming from distant places. Mess facility is provided to the faculty at subsidized rates. Free Bus facility is provided to the Faculty and Staff from Delhi and NCR region. The mobilization of funds and optimal utilization of resources is ensured for educational process and infrastructure developments. The Institute conducts internal and external audits to take care of the financial practices as per accounting principles. The IQAC as per the NAAC guidelines was constituted in GITAM on 03/01/2018. The IQAC has taken some initiatives which helped in improving the academic and administrative standards of the Institute .

Institutional Values and Best Practices

GITAM has students from 26 states of India and 8 countries. Drawn from every nook and corner of India and even abroad students have found GITAM a home away from home. The Institute regularly conducts the programmes to promote gender equity and awareness for girl students, female faculty and staff members. Various activities and programmes are undertaken by the Institute, keeping in view the scenario in education at the National and Global levels.

The Institute celebrates all the National and International commemorative days, events and festivals. The institute has been conducting energy, green and environmental audits by external agencies to take stock of its efforts on energy and resource conservation, rainwater harvesting, solid/liquid waste, e-waste management, biodiversity and green practices etc. The campus is disabled-friendly and various assistive facilities and measures are provided by the Institute.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Address	Ganga Institute of Technology and Management 20 Kilometer Milestone Bahadurgarh Jhajjar Road Kablana
City	JHAJJAR
State	Haryana
Pin	124104
Website	www.gangainstitute.com

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Director	Aman Aggarwal	1251-299645	8684000923	1251-	gitmkablana@gmail.com
IQAC / CIQA coordinator	Vivek Kumar	1251-	9812390916	1251-	registrar@gangainstitute.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	27-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Haryana	Maharishi Dayanand University	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	21-07-2016	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
AICTE	View Document	30-06-2021	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Ganga Institute of Technology and Management 20 Kilometer Milestone Bahadurgarh Jhajjar Road Kablana	Urban	10.2	12000

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Passed XII with PCM	English	90	13
UG	BTech,Computer Science And Engineering	48	Passed XII with PCM	English	60	60
UG	BTech,Electrical Engineering	48	Passed XII with PCM	English	60	5
UG	BTech,Electronics And Communication Engineering	48	Passed XII with PCM	English	60	5
UG	BTech,Fire Technology And Safety Engineering	48	Passed XII with PCM	English	60	35
UG	BTech,Mechanical Engineering	48	Passed XII with PCM	English	90	9
UG	BBA,Management	36	Passed XII or equivalent	English	120	48
UG	BCA,Compu	36	Passed XII	English	120	69

	ter Applications		or equivalent			
PG	Mtech,Civil Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	30	27
PG	Mtech,Computer Science And Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	24	13
PG	Mtech,Computer Science And Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	12	7
PG	Mtech,Electrical Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	30	8
PG	Mtech,Electronics And Communication Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	24	7
PG	Mtech,Mechanical Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	18	7
PG	Mtech,Mechanical Engineering	24	B.TECH OR B.E. OR EQUIVALENT	English	12	8
PG	MBA,Management	24	UNDERGRADUATE	English	120	120
PG	MCA,Computer Applications	24	UNDERGRADUATE	English	60	60

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				5				11				134
Recruited	2	3	0	5	6	5	0	11	75	59	0	134
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				57
Recruited	42	15	0	57
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	8	0	0	8
Yet to Recruit				3

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/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	3	0	6	5	0	0	1	0	17
M.Phil.	0	0	0	0	0	0	2	3	0	5
PG	0	0	0	0	0	0	73	55	0	128
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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
UG	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/DM/M CH	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
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	327	904	0	34	1265
	Female	52	141	0	6	199
	Others	0	0	0	0	0
PG	Male	146	180	0	38	364
	Female	55	89	0	3	147
	Others	0	0	0	0	0
Diploma	Male	21	161	0	0	182
	Female	0	10	0	0	10
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	15	3	5	18
	Female	6	2	3	7
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	32	19	18	23
	Female	8	6	8	14
	Others	0	0	0	0
General	Male	383	475	447	436
	Female	108	106	100	112
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	1	0
	Others	0	0	0	0
Total		552	611	582	610

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The vision of National Education Policy is to provide quality education on global standards with diversity for all curriculum and pedagogy with technological innovations in teaching-learning process. Since the Institute is an affiliated Institute and depends on affiliating university for any innovative change and incorporate flexible curriculum. The Maharshi Dayanand University has initiated steps in the direction of NEP and offers Professional Elective courses and Open Elective Courses, Environmental Education, Indian Culture etc. as part of choice based credit system. The institution at present promotes interdisciplinary project based learning for students but since the affiliating university has not included

	the credit transfer acquired through NPTEL/MOOCS courses and is under consideration. The Institute has written to the University regarding B.Tech Honors with major and minor degrees and the same is under process.
2. Academic bank of credits (ABC):	The University has initiated measures towards academic bank of credits; however, it is in initial stages. The institution has not registered under ABC, it is only the University that can register to avail multiple entries and exit. Efforts are in progress for seamless collaboration in terms of research activities with institutes of higher learning.
3. Skill development:	Institution has initiated efforts for skill development by aligning and inking an MOU with Dysmech Group of Companies. The Institute has set up a centre for entrepreneurship and skill development. The technology partners of this centre are Mastercam, PTC and Dassault Systems. The students of the Institute will get hands on experience on the practical knowledge and will be industry ready with the completion of their professional degree.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Teaching of Indian Knowledge System into the curriculum has been initiated by the affiliating University and is being followed. The students in the Institute are from diverse background. The Institute promotes the Bi-lingual teaching. Indian arts and culture is being encouraged by conducting different festivals and organizing traditional days.
5. Focus on Outcome based education (OBE):	The affiliating University has developed a good strategy to transform its curriculum towards OBE and the institution is adopting it in totality. The institution has developed some good practices towards OBE by having well defined Program Educational Objectives, Program Specific Outcomes and Course Outcomes for the programs and courses. In addition all the students are assessed as per the OBE model.
6. Distance education/online education:	Distance education has not been initiated for the engineering courses offered by the affiliating university and as such the institute has no such provision. The Institute has all the necessary infrastructure and necessary tools to offer online education and this was extremely useful during the Covid-19 pandemic. The institute was highly successful in offering online classes through a myriad of online platforms such as Zoom, Google meet etc.

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
657	665	673	647	652

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

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

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2052	1958	1838	1773	1651

File Description	Document
Institutional data in prescribed format	View Document

2.2

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
376	386	366	362	404

File Description	Document
Institutional data in prescribed format	View Document

2.3

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

2020-21	2019-20	2018-19	2017-18	2016-17
617	531	548	431	477

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

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

2020-21	2019-20	2018-19	2017-18	2016-17
129	135	128	125	119

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
129	135	128	125	131

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 37

4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
495.33	641.77	583.91	591.2	634.69

4.3

Number of Computers

Response: 545

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

The Institute administers the curriculum prescribed by Maharshi Dayanand University, Rohtak and has developed a structured and effective implementation of the curriculum for imparting quality education.

Academic Calendar

Institute has a well-planned Academic Calendar which is prepared in synchronization with the Academic Calendar of Maharshi Dayanand University. All the activities are clearly mentioned in the Academic Calendar which includes the Academic Schedule, Important Days, Holidays, Add-On Programmes, Industrial Visits, Expert lectures, Cultural Events, Examinations, etc.

Curriculum Planning

The Head of the department in consultation with the Departmental Academic Advisory Committee prepares a comprehensive plan for preparing the Course Files consisting of a Lesson Plan, Notes, Assignment Sheets, Tutorial Sheets, Previous years' question papers, etc. The courses are allotted to the faculty members according to their choice and as per the course allotment policy of the institute. The departmental timetable is provided to the faculty members and students. The attendance registers are maintained by the faculty members for both Theory and Practical courses which are verified by the Head of the Department twice in a semester and by the Director randomly.

Teaching-Learning

Apart from regular teaching, various Expert Lectures, Seminars, Workshops, Add on Programmes, Summer Internships, Group Discussions and Industrial Visits are conducted to ensure participative, experiential and problem-solving learning. The students and faculty members are encouraged to use open digital sources like NPTEL. Practicals are conducted as per syllabi and the Faculty tries to inculcate real-world examples for conducting Practicals and regular evaluation of lab work. During the academic session, all the plans are executed for an effective teaching-learning process and the progress of each course is monitored by the HODs. For assessing the quality of teaching and learning, the attendance records and lesson plans of faculty are monitored. The syllabus coverage reports are taken from faculty members and Class Representatives. Attendance of the students is monitored throughout the year. Further, the Institute has constituted the teams which monitor the students during the lectures which instills a sense of responsibility and discipline among students to attend the classes regularly. The performance of the Faculty is also evaluated by obtaining anonymous feedback from students and corrective measures are taken after carefully analyzing the feedback.

Students' Performance

The performance of the students is continuously monitored by way of a continuous evaluation system which includes Sessional Exams, Quizzes, Seminars, Presentations and Assignments. Institute has greatly benefitted from these teaching-learning methods as the number of University Toppers and University Merit Rankers has increased by leaps and bounds in the last eight years.

File Description	Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

The Affiliating University (Maharshi Dayanand University Rohtak) prescribes the academic calendar to be followed by various programs offered in the Institute. The University calendar includes the following relevant details

- Commencement and Culmination of Academic Session
- List of Gazetted Holidays
- Schedule of University Examinations

Institute adheres to the prescribed academic schedule and prepares a detailed academic calendar in consultation with the members of the Internal Quality Assurance Cell (IQAC) including the events such as sessional exams, Add On courses/, Seminars, Industrial Visits, Expert Lectures, Annual Function, Technical Events, Important Days and Sports Meet etc. This calendar is then circulated among all the departments well before the commencement of the academic session. A copy is made available for display on departmental notice boards and the Institute website.

Before the commencement of classes, timetables are prepared for all the programs by respective departments. The commencement of teaching in all the programs is in tune with the academic calendar prescribed by the University. The syllabus coverage is regularly monitored by the head of departments so that the syllabus is completed as per the schedule. The plan of syllabus coverage is prepared and implemented by the faculty. The departments ensure timetable compliance in their programs so that the academic delivery takes place as per the plan.

The Internal/Sessional exams are conducted at the department level as per the academic schedule. The students are allowed to appear for re-sessional on their request to improve their performance and also those students who could not appear for the Sessional Exams due to unavoidable circumstances.

Additional activities such as expert lectures, workshops, Add-On programs, seminars, presentations, industrial visits, etc. are also conducted by the departments as per their schedule.

File Description	Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

    1. **Academic council/BoS of Affiliating university**
    2. **Setting of question papers for UG/PG programs**
    3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
    4. **Assessment /evaluation process of the affiliating University**

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 88.24

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

Response: 15

File Description	Document
Institutional data in prescribed format	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 90

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
16	21	21	18	14

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Any additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 59.94

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1260	1190	1249	1019	860

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	[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 cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability are reviewed and the related courses under different programs offered in the Institute are listed and briefly explained below for each cross-cutting issue separately.

Professional Ethics: The courses deal with

- **PCC-FT-210 G: Safety in Construction (B.Tech FTS 4th Semester) –** Contract Labour (R&A) Act and Central Rules.

- **BBAN604: Consumer Protection (BBA 6th Semester)** –Ethical Marketing for Consumer Protection and its provisions.

- **19IMG22C2: Marketing Management (MBA 2nd Semester)** – Ethical Issues to protect the consumers.

- **20IMG23C1:   Strategic   Management   (MBA   3rd   Semester)**

- Personal Values, Business Ethics, Leadership and Corporate Culture relevance to behavioural implementation.

- **HUM-ECE-306G: Engineering Ethics (B.Tech ECE 6th Semester)** - Ethics and Professionalism, Religious Perspectives and Human Rights.

- **16IMSF1: Entrepreneurship Development (M.Tech M&A 2nd Semester)** – Legal issues – Intellectual Property Rights, Patents, Trademarks, Copyrights, Trade secrets and Licensing.

- **MTCF-201: Ethical Hacking and Digital Forensics (M.Tech CFIS 2nd Semester)** – Computer Fraud and its Prevention.

Gender: The courses deal with

- **16SOCO2: Indian Society (MCA 5th Semester)** - Caste, Class and Gender.

Human Values: The courses deal with

- **16IMSO1: Fundamentals of Management (M.Tech ECE/M&A 2nd Semester)** – Human Values.

- **HSMC-FT-202 G: Principles of Management and Organizational Behaviour (B.Tech FTS 4th Semester)** – Human behaviour and other Human Values.

- **BBAN201: Principles of Management (BBA 2nd Semester)** - Human Relations and Behavioural Aspects.

- **BBAN205: Organizational Behaviour (BBA 2nd Semester)** – Human Behaviour and Values.

- **BBAN406: Human Rights and Values (BBA 4th Semester)** - Human Values and Human Rights.

- **BBAN505: Presentation Skills and Personality Development (BBA 5th Semester)** - Humorous and Value Added Presentation.

- **19IMG21C1: Management Concepts and Organizational Behaviour (MBA 1st Semester)** – Human values.

- **20IMG24C2: CSR and Business Ethics (MBA 4th Semester)** - Human Values in Management context.

- **HSMC-02G/HSMC-202-G: Organizational Behaviour (B.Tech CSE/ECE/CIVIL 4th Semester)** - Vaious human behaviours.

- **MC-317G: Constitution of India (B.Tech CSE 6th Semester)** - Fundamental Rights.

Environment and Sustainability: The courses deal with

- **17POL01: Natural and Manmade Disaster (MCA 5th /M.Tech M&A 3rd Semester)** - Natural Disasters and Human-Induced Disasters.

- **PCC-201-G: Introduction to Civil Engineering (B.Tech Civil Engineering 3rd Semester)** - Environmental impact of Civil Engineering on Society.

- **PCC-CE-307-G: Water Supply and Treatment (B.Tech Civil Engineering 5th Semester)** - Water Pollution and Control.

- **PCC-CE-302-G: Irrigation Engineering (B.Tech Civil 6th Semester)** -Effects, Causes & Preventive Measures of Water Logging, and Land Reclamation.

- **CE -411- F: Environmental Pollution and Control (B.Tech Civil 7thSemester)** – Environmental Auditing.

- **PCC-FT-209 G: Automobile Safety (B.Tech FTS 3rd Semester)** – Pollution and Pollution Control Techniques.

- **MC-106G: Environmental Sciences (Common for all B.Tech 4th Semester)** – Environmental Pollution.

- **OEC-FTEL-339: Environmental Engineering and Management (B.Tech FTS 6th Semester)** - Environment, Sustainability.

- **BBAN305: Environment Studies (BBA 3rd Semester)** - Environmental impact on Society.

- **BBAN306: Disaster Management (BBA 3rd Semester)** - Environmental Pollution.

- **PEC-ME-320G: Internal Combustion Engines & Gas Turbines (B.Tech ME 6th Semester)** - Air pollution from I.C. Engines and its Remedies.

- **ME-407-F: Power Plant Engineering (B.Tech ME 7th Semester)** - Nuclear Power Plant Waste Management.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 35.71

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
219	233	244	241	239

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document]()
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document]()

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 72.27

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 1483

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document]()
Any additional information	[View Document]()

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: A. All of the above

File Description	Document
URL for stakeholder feedback report	[View Document]()

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

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

File Description	Document
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 58.48

2.1.1.1 **Number of students admitted year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
552	611	582	610	487

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
990	1014	966	972	912

File Description	Document
Institutional data in prescribed format	[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 (exclusive of supernumerary seats)

Response: 12.36

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

2020-21	2019-20	2018-19	2017-18	2016-17
61	30	35	62	45

File Description	Document
Average percentage of seats filled against seats reserved	[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:

The Institute organizes an Induction programme for the newly admitted students at the start of each session. It helps the students to become familiar with the Institute facilities, its co- curricular activities, extracurricular activities and scope of various engineering branches. The education policy adopted at GITAM focuses on the overall development of the students by conducting various technical events like project competitions, paper presentation, structural model making, technical quizzes & technical games etc.

Student categorization is a systematic process being followed in GITAM for every semester. In this process students are categorized in two categories, one is slow learners and other is advanced learners on the basis of the university results. After categorization, advanced learners are encouraged to enhance their technical and professional skills. Simultaneously, slow learners are encouraged to increase their academic performance by continuous counselling and monitoring.

Based on the performance in University Examination the students are categorized into slow and advanced learners. The objectives of such categorization are:

- To identify the factors affecting the student's performance.
- After identification and analysis, provide a proper solution for improving their performance and building a successful career.

Special Initiatives for Slow learners:

- Counselling by faculty mentors/ members.
- Remedial Classes.
- Doubt clearing sessions by course faculty.
- Provide simplified study materials (Short notes & Solution of previous years' university question papers).
- PTM / Periodic interaction with parents through HOD.

Special Initiatives for Advanced learners:

- Encourage to participate in seminars, workshops, conferences & technical quizzes.
- Encourage to take up Swayam, NPTEL course and other value added courses.
- Encourage to participate in Smart India Hackathon and project competitions.
- Motivation to prepare for competitive exams like GATE, CAT & GMAT etc.

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

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

Response: 16:1

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:

The educational process at GITAM adopts a balanced approach regarding various student centric methods listed below:

Experiential Learning:

- Project Competitions
- Structural Model Making Competition
- Industrial Visits & Visits to Exhibitions
- Internships
- Projects
- Case study analysis
- ADD-ON Programs
- Survey camps
- International and National Conferences

Participative Learning:

- Smart India Hackathon, Internshala and Chhatra Vishwakarma Awards
- Workshops & Expert Lectures
- Group Discussion, Debates, Role Plays, Quizzes
- Technical Games
- Various Co-Curricular and Cultural events/activities
- Awareness Camps

Problem solving methodologies:

- Tutorial Sessions
- Assignments
- Peer group engagement
- Internal Hackathons

All programs, be it B. Tech., M. Tech, BBA, MCA or MBA incorporates Industrial Training/ Major and Minor Projects, which fulfill the needs of a participative problem solving process involving real-life

Engineering and Management problems. These projects require the experiential usage of various Engineering hardware/ software tools to solve problems in hand. Students in all the programs take up industrial visits at all levels so that the experiments performed in laboratories are related to Industrial practices and Environment. Students in B. Tech also undergo industrial training of four to six weeks that provides them experience and understanding of professional skills. Students of MBA and BBA take up experiential and participative approaches of learning through case based studies and role plays. Student seminars organized in all the programs enable them to learn from each other and refine their presentation and communication skills. Participative workshops are also organized in the departments to facilitate faculty and students in acquiring the necessary skills for use of modern tools and techniques.

Other student centric provisions available in the Institute:

- Student's participation in solving real-life problem statements of various Government and Non-Government organization based competitive events such as Smart India Hackathon/Chhatra Vishwkarma Awards/ Manthan/ Toycothon.
- Offering various online platforms to get extra knowledge through Spoken Tutorials with IIT Bombay and Virtual Labs with IIT Delhi.
- Student clubs/ chapter based technical activities.
- Availability of various computational facilities to students where they can refine their simulation, design and development skills such as MATLAB, AutoCAD, Pro-E etc.
- Availability of the state-of-the-art laboratory facilities
- Facilities to study from digital contents and undertake NPTEL/SWAYAM courses.
- Problem based approach in learning through course projects.
- Facilities of the necessary software/hardware tools required for students' practical learning, problem solving and project work.

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

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

The following hardware and software integrated ICT tools are used by all the teachers:

- **Online Tools:** During the pandemic, the Institute shifted to online learning education through different platforms. The Institute is also practicing the use of ICT (animations, videos and PPTs) with conventional methods of lecture delivery.

- **Quiz Activities:** In the online mode, the faculty conducted the quiz activities for every course.

The following software solutions based ICT tools were used by all the teachers during pandemic:

- **Zoom Meetings:** Initially the faculty members used this platform for conducting online classes and

seminars but after the advisory released by the Government of India regarding security issues the Institute switched to another platforms.

- **Google Meet:** GITAM has the subscription for this facility. Online lectures, quizzes, and activities of every discipline are successfully conducted over Google platform. Guest lectures and workshops for students as well as faculty members are organized through Google meet.

The following ICT based Lab facilities are used by teachers:

- **Virtual Labs:** This is an initiative of the Ministry of Human Resource Development (MHRD), Government of India under the aegis of the National Mission on Education through Information and Communication Technology. GITAM also has been a center for Virtual Labs.

- **Spoken Tutorials:** The Spoken Tutorial Project supported by IIT Bombay is subscribed by GITAM for learning the open-source software.

Online Learning Resources: The faculty encourages the students to learn from NPTEL lectures and videos. They also study from the certifications offered by Swayam (ICT initiative of MHRD) etc.

File Description	Document
Upload any additional information	View Document

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

Response: 17:1

2.3.3.1 Number of mentors

Response: 120

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: 98.17

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	<u>View Document</u>

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 10.34

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
14	15	14	13	10

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	<u>View Document</u>
Any additional information	<u>View Document</u>

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: 4.56

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

Response: 588.61

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	<u>View Document</u>

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

The mechanism of internal assessment is transparent and well known to all the students. The mechanism adopted in this regard is as follows:

- The Institute adopts the guidelines prescribed by the Maharshi Dayanand University, Rohtak regarding internal assessment. These guidelines are shared with the students during the induction program.
- The concerned HOD/ faculty share the mechanism of internal assessment with the students at the commencement of the semester and timely update the students about their performance.
- Schedule of the Internal Exams is mentioned in the Academic Calendar.
- The overall internal assessments in theory courses include two Sessional Tests, Assignments / Class Performance and Attendance depending upon the course and program. The two sessional exams are organized by the respective departments under the supervision of the head of the department in a fair and transparent manner.
- The internal evaluation of practical courses is based on Attendance, Lab work and Viva-voce.
- In the case of Industrial Training, the seminars for students are organized throughout the semester and their performance is assessed based on their presentation, attendance and training report.
- The students who fail to attend any sessional exam with valid reasons are provided an opportunity to appear for re-examination.

File Description	Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The process of handling internal examination related grievances is available on the Institute website and is known to faculty and students.

Process to deal with the academic complaints

The student's grievances related to internal examination are resolved at various levels as stated below:

The student having an academic appeal is first expected to approach the concerned course teacher after getting the evaluation from the concerned course teacher within 3 days. The concerned teacher solves the problem if any and updates the student data in the records. The grievance of other nature are directed to the concerned mentor directly.

If the issue is not resolved, the student is required to approach the head of department within the next two working days. If the issue is not resolved at the level of head of department and concerned course teacher, the student should fill the "Academic Grievance/Appeal Form" and submit the same to the office of the Institute Director. A committee of relevant course experts will redress the grievance finally.

Institutional measures to minimize the grievances related to internal evaluation

Other measures taken by the Institute that help to minimize the grievances are as follows:

Sessional Question Paper Moderation: Question papers are moderated in the department to keep the difficulty level of question paper neither too low nor too high.

Student Absenteeism in Sessional Examination: If a student is unable to appear in any sessional exam with a valid reason, he/she may appear in re-examination conducted for the concerned course.

Evaluation of Answer Sheets: Answer sheets are evaluated uniformly maintaining parity in the class evaluation.

Assessment of Practical Courses: Assessment of practical courses is carried out using uniform norms prescribed by the University on the basis of attendance, lab work and viva-voce.

Assessment of Seminar, Project and Labs: Assessment of these courses is carried out through presentations, and written project reports/ lab work reports.

Principles for consideration of student academic appeals and grievances

The consideration of student academic appeals and grievances is resolved by the following principles:

- Student appeals and grievances will be considered in a regular manner.
- Delay in submission of complaint may be accepted with a valid reason.
- The procedures for considering student appeals and grievances will be transparent and easily accessible to students and faculty.
- The final decision will be based solely on relevant verification.
- The student has the right to withdraw an appeal or grievance at any point of time.

File Description	Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The Program Outcomes (POs) are standard and the Program Specific Outcomes (PSOs) are defined outlining the competencies which are to be provided to students of the program. The Course outcomes (COs) of all the courses are designed as per the syllabus prescribed by the University, considering Bloom's Taxonomy, and keeping in view the POs and PSOs. The suitable teaching methods and curricular activities such as projects, industrial visits, etc. are planned to take into consideration the POs, PSOs and COs for all programs offered by the Institution. The POs, PSOs and COs are published on the Institute website, separately for each program department wise, and can be accessed by all the students, teachers

and other stakeholders i.e. parents, alumni, and the employer. POs and PSOs are also displayed at various prime locations including classrooms/labs of each department in the institute premises. The COs are also discussed by the concerned course teachers with the students during the classroom interactions. Their relevance with POs and PSOs is also discussed and explained. The COs, POs and PSOs are also available in:

- **Departmental Records:** All the departments maintain files containing the list of POs, PSOs and COs of all courses offered under the program.
- **Course Files:** COs, POs and PSOs are appended in the course file of the concerned course.
- **Lab Courses:** COs of Practical courses are available with list of experiments and displayed in respective labs.
- **Library:** Central library/departmental library also keeps copies of all syllabi course-wise that contain COs for easy access to students and faculty.
- **Examination Question Papers:** The question papers of the sessional examination comprise the COs against each question for easy reference to all concerned and the student performance is recorded against each course outcome so that its attainment level is evaluated.
- **Assignment Questions:** Course Outcomes are also mentioned in Assignment Questions.

Through the above practices, the students and teachers become well aware of the stated program and course outcomes.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	<u>View Document</u>

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

GITAM has adopted Outcome Based Education which focusses on measuring student performance through outcomes. Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) are evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement of each Course and Program. Evaluation of COs, POs and PSOs attainment helps faculty members to ensure that outcomes are being reached. It helps to monitor the students' performance in upcoming sessions, and improve teaching efficiency. Attainment of COs is measured using Direct (80% Weightage) and Indirect (20% Weightage) methods. For Direct Attainment, marks of Continuous Internal Evaluation (CIE) Tests, Assignments and University Results are taken as input parameters. For Indirect Attainment, the Course Exit Survey conducted at the completion of each course is used as an important tool. Using the weighted average score obtained in a Course Exit Survey, the indirect attainment level for each course outcome is measured. After measuring the CO attainment of each course, recommendations are put forth to the respective course to be practiced from the next academic year to improve the teaching-learning process.

File Description	Document
Paste link for Additional information	<u>View Document</u>

2.6.3 Average pass percentage of Students during last five years

Response: 76.1

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
427	428	423	349	346

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
617	531	548	431	477

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View Document</u>
Upload any additional information	<u>View Document</u>

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	<u>View Document</u>

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 1.41

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.46	0.5	0.15	0.3

File Description	Document
List of endowments / projects with details of grants	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 23.26

3.1.2.1 **Number of teachers recognized as research guides**

Response: 30

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

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 15

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

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

3.1.3.2 **Number of departments offering academic programes**

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

File Description	Document
List of research projects and funding details	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The institute has created an appropriate ecosystem for Research and Innovation by recruiting & developing desirable human resources, taking initiative for the creation & dissemination of knowledge and establishing state-of-the-art infrastructure.

The details are as under:

Institution Innovation Council (IIC): The Institute has successfully established the ICC as per the norms and directives of MHRD to systematically foster the culture of Innovation among its students and faculty members.

Resource Development Cell (RSD Cell): The institute has a well-established RSD Cell. A culture of innovation is created among students and faculty members to enhance their knowledge and skills. Various activities are organized by the Cell like Conferences, Workshops, Seminars, Faculty Development Programmes, Internal Hackathons, Project Exhibitions etc. Faculty members are granted leave and provided financial support to attend similar activities across the country.

The culture of innovation among the higher education Institutes has been supported through the National level competitions for software and hardware challenges known as Smart India Hackathon (SIH). The Institute has won First Prize for three Consecutive years 2019, 2020 and 2021 at National Level. In SIH 2018, the team was the first runner-up. A student, Manisha Gupta participated in the Asian-India Hackathon competition and secured the runner-up position. These activities provide great exposure to our faculty and students regarding idea generation and taking project-based learning to a higher level.

The Institute has also organized many workshops that primarily focus on adopting innovative technologies like Machine Learning, Artificial Intelligence, IoT, Robotics, Cyber Security, Cloud Computing, etc., to promote the culture of innovation.

Entrepreneurship Development Cell (ED Cell): The institute has an ED Cell, which aims to promote an entrepreneurial culture among the young minds of today's generation and encourage the entrepreneurial mindset of aspiring individuals through various activities and events.

Ganga Centre for Skill and Entrepreneurship Development (GCSED): The institute has established a Centre for Skill and Entrepreneurship Development in association with Dysmech Group of Companies. Dassault Systèmes, PTC and Mastercam are the Technology Partners for this Centre.

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

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 13

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

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

File Description	Document
Report of the event	[View Document](#)
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

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

Response: 5

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)

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

Response: 1.1

3.3.2.1 **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
24	42	38	27	09

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document]()
Any additional information	[View Document]()

3.3.3 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: 3.25

3.3.3.1 **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
57	92	104	158	2

File Description	Document
List books and chapters edited volumes/ books published	[View Document]()

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The Institute promotes regular engagement of faculty, students and staff with the neighborhood community for their holistic development and sustained community development through various activities. Every Year, programmes are organized under which students and staff participate voluntarily in community based activities with the neighborhood.

Blood donation Camps: The Institute regularly organized blood donation camps in association with Red Cross, Jhajjar.

Various awareness programs, workshops and road shows are organized with the themes like

- Effects of Mobile Radiations
- Harmful effects of Plastic
- Swachh Bharat Abhiyan
- Father values
- Women Empowerment
- Beti Bachao-Beti padhao
- Tree Plantation
- Covid -19 Awareness
- Overcoming Drug Addiction
- Save Water Save Life Campaign
- Fire and Life Safety Awareness

Celebrating Days of National/International Importance: Institute also organizes and takes part in extension activities organized by district administration related to Women's Day, International Yoga Day etc. to spread the social cause behind such events.

Impact & Sensitization: Exposure to extension and outreach activities sensitize the students towards social issues.

The activities conducted lead imbibing the values of social responsibility such as

- To help people in need and distress.
- To understand and share the needs of underprivileged children.
- To promote cleanliness in all span of life and common places.
- To acquire social values and a deep interest in environmental related issues.

Learning outcomes of the activity:

- Knowledge of societal issues and problems.
- Develop a passion and brotherhood towards community and affected people.
- Develop skill and aptitude for problem solving.
- The other skills developed include social skills, communication skills, management skills, leadership skills etc.

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 **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
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)

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

Response: 35

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	15	8	6	5

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 28.73

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
95	1019	563	247	700

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document](#)

3.5 Collaboration

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

Response: 251

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
179	16	16	21	19

File Description	Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	[View Document](#)

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 46

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	9	15	9	10

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

The Institute has the infrastructure and facilities as per AICTE and Maharshi Dayanand University, Rohtak norms. The Institute has a lush green campus with 10.2 Acres of land in a serene and pollution free environment. The Institute has a well built infrastructure having classrooms with modern teaching aids, Computer Centers, Language Lab, well equipped laboratories, Seminar Halls and open spaces like Amphitheater to conduct various cultural activities. The amenities and facilities such as RO filtered drinking water, cafeteria , maintained lawns, lift, ramp, 24×7 power backup, CCTV surveillance, Bank and ATM facility is also available in the Institute. Institute has a well stocked library with adequate number of Books, Print & E-Journals and sufficient number of reference books. The Campus is fully Wi-Fi with an availability of 500 MBPS Bandwidth.

A Center for Skill and Entrepreneurship Development is established in the campus. An MOU is signed with Dysmech Group of Companies (Pune, Maharashtra). Various Multinational Companies such as Dassault Systemes (France), PTC and Mastercam (United States of America) are the technology partners to the center.

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

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

The Institute has a large playground and sports facilities for outdoor as well as indoor games. The students play Cricket, Football, Volleyball, Basketball, Badminton and Kabbadi as Outdoor sports and Carrom, Table Tennis, Chess etc. as indoor games. The Institute has a fully equipped indoor gymnasium. The students are encouraged to participate in various sports activities conducted by affiliating University at Inter Institute and Inter University Level.

Institute conducts an Annual Sports Meet "G-SPARDHA" to harness the talent of the students and invites famous sports personalities to guide and encourage them. The following sports personalities have visited the Institute:

1. Mr. Manoj Kumar (Arjuna Awardee Boxer and Olympian)
2. Mr. Dilip Tirkey (Former Captain Indian Hockey Team and Member of Parliament)
3. Mr. Anoop Kumar (Former Captain, Indian Kabaddi Team)

4. Mr. Neeraj Chopra (Gold Medalist World record holder in Javelin Throw)
5. Mr. Pardeep Narwal (Indian Kabaddi Player)
6. Ms. Nirmal Tanwar (Vice Captain of Indian Volleyball team)
7. Mr. Subhash Dhankhar (Professional Body Builder & Mr. Asia)

The Institute hosts an annual National level Techno-Cultural extravaganza "ACHIEVERS" which is an event the students eagerly wait for. The students get an opportunity to participate in a plethora of technical and cultural activities like Project Competition, Structural Model Making, Technical Quizzes & Games, Paper Presentation, and Cultural performances. On the concluding day of the event a star night is organized in which famous Singers perform live. The Institute has invited famous Punjabi, Haryanvi and Maithili Singers and Actors like Mr. Harbhajan Mann, Mr. Jassi Gill, Mr. Babbal Rai, Mr. Gippy Grewal, Mr. Mankirat Aulakh, Mr. Parmish Verma, Mr. Sharry Maan, Mr. Vikas Jha, Ms. Saumya Mishra, Ms. Vicky Kajla, Ms. Anny Bee, Mr. Gajender Phogat, Mr. Ajay Hooda and Ms. Annu Kadian.

File Description	Document
Upload any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 64.86

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 24

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document

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

Response: 14.4

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

2020-21	2019-20	2018-19	2017-18	2016-17
3.59	321.43	37.91	51.23	38.14

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

- **Name of ILMS software**: e-Granthalaya
- **Nature of automation (fully or partially)**: Fully
- **Version**: 3.0
- **Year of Automation**: 2012

The Central Library of the Institute is housed in a separate wing having an area of around 700 sq.mtr which includes the Reading section. It has a collection of 48361 volumes of printed books and 4331 titles. The whole collection is classified and arranged as per the Dewey Decimal Scheme of classification (DDC) and a collection of more than 8000 e-books from DELNET. The Library has various sections as follows:

(i) Multimedia Section

(ii) Journals/Periodical section

(iii) Stacking Area

(iv) Newspaper section

(v) OPAC (Online Public Access Catalog)

(vi) Bound Volume Journal's section

(vii) Issue-Return Section

(viii) Reference Section.

(ix) Reading Room Section.

Multimedia section has 30 internet enabled computers for the access of e-contents. The library uses e-Granthalaya 3.0 as an Integrated Library Management System Software which is provided by the National Informatic Centre, New Delhi. The library is fully automated since 2012. The circulation of books is done with the help of a barcode scanner. The library database can be searched locally as well as remotely through OPAC.

Other Resources:

National Digital Library:

The Institute is a member of NDL which is a digital library, an initiative of MHRD and is operational under IIT Kharagpur. This platform provides access to the information in digital form like books, articles, videos, audios, thesis and other educational material relevant to users from various educational levels.

J–GATE:

J-Gate, an electronic gateway to global e-journal literature; is the most efficient comprehensive platform to access research information from over 55 Million journal articles (with access to 10 Million Full Text articles) coming from 49,000+ journals covering multiple subject domains from all disciplines such as; Agriculture & Biological Sciences, Arts & humanities, Basic Sciences, Biomedical Sciences, Engineering & Technology, Social & Management Sciences.

The platform is fronted by a simple, intuitive, and easy-to-use interface, and gives users complete control over search filters. J-Gate exponentially increases journal usage through its list of features and its ease of use.

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

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[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: 2.56

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
1.55	2.70	3.09	2.13	3.32

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[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: 1.28

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

Response: 28

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The Institute has sufficient IT facilities to meet the needs of students, teachers, and administrative functions. Continuous upgradation plans are incorporated into the annual budgeting process. The exercises have been designed in such a way that the IT infrastructure and related offices are always up to date. The campus and hostels are fully Wi-fi. Year-wise up-gradation details from the session 2016-17 are as follows:

- 5 projectors, 1 server, and 81 RAMs were added during 2016-17.

- 3 Switches, 2 Projectors, 75 Computers, 50 RAMs were added during 2017-18 and the internet

bandwidth was increased to 35 MBPS.

- 5 Projectors, 1 router for Wi-Fi access point, 10 Switches, 9 RAMs and 80 computers were added in 2018-19.

- The internet bandwidth was increased to 50 MBPS during 2019-20. 40 Dell computers, 5 Projectors and 2 switches were added.

- 2 projectors, 50 new HP computers, Software for Language Lab, and 1 Wi-Fi access point were added in the session 2020-21.

Presently 24 classrooms, tutorial rooms, seminar halls have been equipped with LCD projectors, LED and internet facilities. Currently internet from SBR telecom and BSNL of 500 MBPS is in use to provide Wi-Fi facility to the students at both hostels as well as in the campus. The Institute now has 25 Wi-Fi devices to cover the entire campus. The Institute has always been reviewing the current needs and accordingly the internet bandwidth has been upgraded from time to time. Class rooms of the Institute are equipped with projectors, CCTV cameras and Internet connectivity.

E-Learning Resources: College caters to the needs of the faculty and the students by providing access to e-learning content from NPTEL, MOOCs etc.

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

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

Response: 4:1

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

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

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

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 29.51

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
38.29	206.15	228.29	210.84	208.92

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[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 Institute has an established system and procedure for maintaining the physical, academic and support facilities. Institute level maintenance committee looks after the various aspects of utilization and maintenance of the physical, academic and support facilities. An annual budget is allocated for maintenance of the physical facilities of the Institute.

Maintenance Procedure:

As maintenance is an ongoing process, requirements for maintenance are prepared by the concerned department and forwarded through HODs to the maintenance In-charge. The maintenance In-charge/personnel inspect and complete the maintenance task. The Institute has the annual maintenance contracts for lift, generator, online UPS, computers and printers, fire extinguishers, water coolers, air conditioners, water purifiers and cleaning of water storage tanks etc. Minor maintenance of furniture items and fixtures is carried out in the workshop under the supervision of the workshop incharge. The sophisticated electronic equipment and other mechanical systems that can not be maintained in the house are repaired by appointing external agencies. The concerned HOD initiates the procedure of hiring an external agency. The preventive maintenance schedule for all physical infrastructures is formulated by the concerned maintenance unit. Feedback is taken from the concerned HOD for maintenance work completed by the Contractor and in case of discrepancy, the same is conveyed to the Contractor.

IT infrastructure is the backbone of an organization for efficient operations. In the Institute, a dedicated department ITS is established for IT hardware and network maintenance. The IT team plans the regular

maintenance and major updates before the commencement of the semester. The Institute has a well-managed policy for systematic hardware & network maintenance to manage the rapid changes in technology. The equipments beyond the possibility of repair are written off and sent out for safe disposal.

Maintenance, services and utilization of infrastructure facilities:

Classrooms

The classroom infrastructure such as whiteboards, furniture, curtains, electrical fittings and ICT facilities are checked prior to the commencement of the semester. Cleanliness of classrooms, corridors, faculty rooms etc. is done on daily basis.

Laboratory and computers

Laboratory stock registers are maintained to enter stock details in all the departments. The HODs ensure optimal utilization of the lab resources. Minor repair and maintenance of lab equipments is undertaken by the concerned lab technicians. Requirements of major repairs and maintenance are submitted by the HODs to the Director's office. Old and outdated equipments, instruments, chemicals, etc. are discarded. There is a System Administrator to take care of the servers, networking, computers, projectors, printers, login ids, emails, other ICT facilities, and cyber security issues in the Institute.

Library

The record of usage of the library resources is maintained electronically through the Software tools. The upkeeping of library books and minor maintenance is done in the library itself. Binding is done by an outside agency for torn and damaged books.

Sports Facilities

The maintenance of the courts and playgrounds are supervised by the sports officer. The maintenance of these facilities is undertaken by respective maintenance units of the Institute.

Suggestion Boxes:

For continuous improvement, suggestion boxes are placed all over the campus i.e., Library, departments, etc. These suggestion boxes are checked on a regular basis. If any suggestion is given by any stakeholder, then action is taken by competent authority immediately.

Security:

The entire campus is under CCTV surveillance, classrooms, corridors, auditorium, conference halls, main gate etc. are continuously monitored.

File Description	Document
Upload any 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 Government during last five years

Response: 14.37

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
303	252	266	288	223

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 36.29

5.1.2.1 **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
979	880	585	573	407

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 41.6

5.1.4.1 **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
1108	790	696	522	765

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 The Institution has a transparent mechanism for timely 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](#)

5.2 Student Progression

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

Response: 47.37

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

2020-21	2019-20	2018-19	2017-18	2016-17
248	223	282	219	250

File Description	Document
Self attested list of students placed	[View Document](#)
Details of student placement during the last five years (Data Template)	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 33.23

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 205

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education (Data Template)	[View Document](#)

5.2.3 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: 58.23

5.2.3.1 **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
27	17	4	8	0

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

2020-21	2019-20	2018-19	2017-18	2016-17
35	25	7	9	0

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	[View Document](#)

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 level (award for a team event should be counted as one) during the last five years.

Response: 7

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at**

university/state/national / international level (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
5	0	2	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

The Institute focusses on all round development of students by their participation in various cultural, academic and administrative committees/cells as student representatives. Student members enjoy the freedom of expression on various development and academic issues and their suggestions are given due importance. The Institute also appoints one class representative to take authentic feedback from the students. This is done through frequent class representatives' meetings with the concerned HOD and Director.

1. Student representation in the various administrative committees/cell

- **IQAC**
- **Internal Complaint Committee**
- **Training and Placement Committee**
- **Mess Inspection Committee**
- **Women Welfare Committee**
- **Student Welfare Committee**
- **Technical Committee**
- **Cultural Committee**
- **Sports Committee**
- **SC/ST/OBC Welfare Cell**
- **Green Practices Cell**

2. Student Clubs and Societies at GITAM

The students are encouraged to become members of various Clubs and Societies to enhance their technical cultural & soft skills. Institute is running various clubs and societies are as follows:

- **PROTECK SOCIETY** is a society of students of Fire Safety and Technology Department with present coordinators as Mr. Amandeep Dhanda, Mr. Sagar Narang, Mr. Ratnesh, Mr. Himanshu, Ms. Sharmila, Mr. Manan Duhan, Mr. Rishab Khatri and Mr. Himanshu Mathur. The group has conducted various activities such as Fire and Life Safety awareness camps in schools, Safety Week and Fire Service week celebration etc.

- **MECHFUSION CLUB** is a group of students of Mechanical Engineering Department with present coordinators as Mr. Prashant Tripathi, Mr. Aman, Mr. Atul, Mr. Aryan, Mr. Abhay Pratap and Mr. Devashish. The group has conducted activities such as technical quizzes etc.

- **MASOMANIA TECHNICAL CLUB** is a group of students of Management Department with present coordinators as Mr. Somveer, Mr. Reema, Mr. Yash, Ms. Jyoti and Mr. Aman Dalal.

- **THE UNIX UNION SOCIETY** is a group of students of Computer Science and Applications Department with present coordinators as Mr. Vikash Sharma, Mr. Piyush Mauriya, Md. Rehan, Ms. Muskan Jha, Mr. Rinku and Mr. Partiksha.

- **TECHONIX CLUB** is group of students of ECE Department with present coordinators as Mr. Ajruddin, Mr. Harshit Gupta, Ms. Nisha, Mr. Vivek, Mr. Vinit, Mr. Unique and Ms. Komal. The group has conducted various technical activities like paper presentations etc.

- **ELECTRIX SOCIETY** is group of students of Electrical Engineering Department with present coordinators as Mr. Akash Dalal, Ms. Shivani, Mr. Krrish, Mr. Lakshay, Mr. Pankaj and Mr. Nitish Kumar Kushwaha. The society organized electricity awareness camp.

- **THE STRUCTURE SQUAD** is group of Civil Engineering Department students with present coordinators as Mr. Himanshu Ruhil, Mr. Syed Ahmad Danish, Mr. Jay Parashar, Mr. Tambir Hussain, Mr. Ashis and Mr. Aman Dalal. The group has conducted various activities such as group discussion, awareness camps on water conservation, etc.

- **APPTECHTELL SOCIETY** is a group of Computer Science and Engineering Department students with present coordinators as Mr. Monis Siqqiqui, Mr. Ritik Deswal, Md. Tariqie, Ms. Vidushi, Mr. Rajat and Ms. Vednidhi. The group has conducted WEB-A-THON ONLINE NATIONAL LEVEL HACKATHON, paper presentation, coding competition, Lan gaming etc.

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 83.6

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
5	90	115	118	90

File Description	Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<u>View Document</u>

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

GITAM was established in 2008. Since its inception, it has produced more than 3000 graduates. Our alumni are working at SAIL, HCL, SBI, DRDO, CADENCE, RELIANCE, MICROSOFT, GOOGLE, HPGCL, BSEB, INDIAN NAVY, INDIAN ARMY, CAPGEMINI, HARYANA FIRE SERVICE, AON HEWITT etc. have distinguished themselves globally and made their Alma Mater proud by achieving great heights of excellence in their respective fields and contribution to the socio-economic development of the nation and the world at large.

Alumni Engagement Cell (AEC):

The Institute, in its endeavor to strengthen the link with the alumni, has an Alumni Engagement Cell. The role of AEC includes: to plan, implement and promote alumni activities that support the GITAM strategic initiatives; serve as the single point of contact for alumni & Institute for all matters related to alumni affairs, and to maintain regular communication with alumni; Educate students about alumni benefits and engage them in various events. Institute also invites its alumni to various college events such as cultural fest, seminars, conferences, sports fest, etc. The cell has a team of AEC Head (Mr. Shankar Kumar Vijay, AP, ECE), two faculty members and student representatives from each department.

GITAM Alumni Association:

The Institute has registered Alumni Association "JEEVAN DHAARA" institutionalizes the lifelong bonds between alumni and alma mater. It has come up with various activities such as the Annual Alumni meet, Alumni Talks etc. The Governing Body of JEEVAN DHAARA has the President, Vice President, Treasurer and General Secretary.

Alumni Collaboration:

Alumni partners with various committees of the Institute as members of IQAC, Departmental Advisory Board, Academic Council, etc. to spearhead the introduction of alumni involvement in the growth and continued leadership of the Institute.

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

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Vision

GITAM aims to be an outstanding Institute in India through academic excellence in the field of Technology and Management to fulfill the needs of Industry and serve the society.

Mission

1. To provide a healthy environment to our students as well as faculty members.
2. To achieve excellence in technical education.
3. To promote holistic development of students through interaction with alumni, academia, industry and expert lectures.
4. To attract, nurture and retain the best faculty and technical manpower.
5. To promote research and development initiatives.
6. To contribute to the society by inculcating professional ethics in the students.

Quality Policy

GITAM is committed to be a learning organization which shall not rest on its achievements and shall upgrade itself in terms of knowledge, attitude and skills for the overall development of its students and staff.

Nature of Governance: Board of Governors (BOG) is established as a statutory body. Decisions related to recruitment of staff, variation in intake, introduction of new programmes, use of space, building etc. are taken by the BOG in consultation with the Director and other members of the body. After discussion with the Heads of the Departments, a proposal is made by the Director and submitted to the BOG for approval. The governance approach of the BOG is truly democratic (participatory), decentralized, and transparent. It promotes the participation of all stakeholders for smooth functioning of the Institute.

The BOG ensures the involvement and contribution of all senior faculty by constituting various academic and administrative committees like Finance Committee, Academic Advisory Committee (AAC), Examination Committee, Training and Placement Committee and Heads of various Academic/Administrative committees.

The Institution has also established the Internal Quality Assurance Cell (IQAC). The representatives of Stakeholders are included in IQAC. IQAC takes all decisions related to academic and administrative activities of the institution. The Institute has adopted best practices in Governance & Leadership by way of having clear Vision & Mission statements. These are translated into organizational goals and objectives. The policy and action plans are prepared to meet the Institute's goals and objectives.

The IQAC meets 2 to 3 times in a year to review the performance and makes active contributions for the overall growth of the organization. All the meeting proceedings are duly recorded (minutes of the meetings) and the Action Taken Reports are also prepared and appraised to the BOG regularly.

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

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

Response:

Decentralization in Working:

We believe in decentralization and participative management culture to ensure efficacious ambience for the smooth functioning of academic pursuits, cognitive development and research activities. The organizational structure has a mechanism for delegating authority and providing operational autonomy to concerned administrators, HODs, Coordinators and faculty members at various levels. The culture of participative management empowers the members to communicate their views and opinions for further amelioration. All the department heads have the liberty to frame new strategies and policies within the department to conduct activities like Internal Exams, Training, Expert Lectures, Industrial Visits, Workshops, Skill Enhancement Courses, Excursions & Seminars etc. The governing body members/management representatives and HOD's collectively finalize the proposed plans and startegies to be executed later. Many internal committees like IQAC, Discipline, Anti-Ragging Committee, Grievance Redressal Committee, R & D Committee and Academic Committee help in the decentralization of work and collective responsibility.

All the stakeholders play a crucial role for the holistic development of the students. The Director, HOD's, Class Coordinators/Proctors/Mentors provide academic assistance & guidance. The grievances of the students are addressed and their progress is tracked regularly. The HOD's have an autonomy in course allocation, framing time table and budget proposal. Faculty members also play a pivotal role as representatives in Various committees at Central as well as Departmental level such as Academic Committee, BOG and other statutory bodies. The mentor-mentee system helps in monitoring students's profile including academic performance, attendance as well as to solve their issues.

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

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Institution's development is a continuous process. Different strategies and plans of the Institute help to meet the expectations of different stakeholders for the growth and betterment of the institution.

Strategic/Perspective Plan

Academic advancement of the Institute

- Faculty uses various ICT techniques to make the teaching more effective and interactive for the students. For that, classrooms having projectors, audio visual devices and communication labs are maintained.
- Centralized library is of paramount importance for faculty and students' learning. Institute keeps a good stack of Text Books, Reference Books, Journals, E-Journals and E-Books for the benefit of students.
- Institute lays more emphasis to provide technical and skill based training. Add-on Programs, Seminars and Workshops act as a vital tools to enhance the competency of students for better placement opportunities.
- Expert lectures and industrial visits help to develop learning skills of the students as they get more practical exposure.
- Students are encouraged to prepare Working Models/Live Projects to bridge the gap between Industry and Academia.

Research and Development

- Faculty is encouraged to publish research papers in reputed journals and also explore the opportunities in IPR by applying for publishing/grant of Patents.
- Signing MOUs with highly reputed Industries/organizations for the benefit of students and faculty.
- Upto two weeks' leave is given to the faculty in the lean period of the session so that they can join any research activities/FDP etc. in an academic year.

Improving Students' placement

- Personality Development and Communication skills classes help the students to enhance their traits for future placements.
- Mock interviews, role playing, group discussions and situational analysis activities are performed to keep students in good stead for placement activities.
- Interaction of the Training Placement Cell with industry representatives helps to know the requirement of skills in different industries so that the students can prepare themselves accordingly.

Ganga Centre for Skill and Entrepreneurship Development (GCSED):

- The institute has established a Centre for Skill and Entrepreneurship Development in association with Dysmech Group of Companies.
- Dassault Systèmes, PTC and Mastercam are the Technology Partners for this Centre.

- Various programs and projects based on the Internet of things and Machine learning are offered by GCSED.

Infrastructural Development

- Institute has Centralized Computer Centers, well-furnished classrooms along with fully equipped laboratories for each department to carry out the academic activities smoothly.
- We focus on green practice initiatives like Rain water harvesting, waste management, plastic free campus, tree plantations etc.

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 Institute is run by Pawan Ganga Educational Society and governed by the Board of Governors (BOG) constituted as per the norms/guidelines stipulated by AICTE. Delegation of authority and responsibility is done by the Institute to ensure the coordination and effectiveness of different activities.

- BOG provides directions and guidance to the Director of the Institute on various academic and administrative work of the Institute.

- As the Director is the head of the Institute and it is his duty to monitor and guide all the faculty/staff members of the Institute related to administrative, academic and financial related matter.

- Director communicates and interacts with the Heads of departments for proper functioning of the Institute.

- It is the duty of the various departmental heads to further direct their teaching and non-teaching staff for academic/administrative activities.

- It is the duty of the Training and Placement Head to work in coordination with departmental coordinators to provide good placement opportunities to the students.

- The registrar is responsible for all administrative work in the institution and report to the Director.

- Separate hostels for boys and girls are running in the campus and all the work related to the hostels is done by their respective wardens.

Policies and Appointment Rules

- BOG frames the rules and procedures from time to time for the proper functioning of the Institute

- All the rules, procedures and policies are regularly updated on the Institute website for any

reference.

- Various committees have been formed for smooth and continuous functioning of different academic and administrative matters.

- A fair and transparent recruitment and selection process is used for selecting faculty and staff members.

Grievance Redressal Mechanism

- Director of the institution forms a committee for grievance redressal which includes a senior faculty as its coordinator associated by other faculty members who are part of the committee.

- After receiving the complaint, grievance redressal committee looks into the matter.

- It is the duty and responsibility of redressal committee to create a friendly environment so that staff and students can easily discuss their problems.

- A separate Women Grievance Cell is constituted for female students and staff.

- Committee is expected to submit the findings of complaint to the Head of the Institution with suggestions/actions thereof.

6.2.3 Implementation of e-governance in 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](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The Institute has a variety of welfare schemes and provisions for the benefit of its teaching and non-teaching staff. Realizing that a satisfied employee is an asset for the institution and can make the Institute a productive place, Management has put several welfare measures for the benefit of its employees. Some of the provisions are briefly described below:

Provision of leaves - The Institute's staff and faculty members are eligible for Casual Leaves, Academic Leaves, Short Leaves and extraordinary leaves.

- **Research Leave** - Upto two weeks leave is given to a faculty in the lean period of the session so that he/she can attend any research activity/FDP etc. in an academic year.

- **Duty Leave-** Institute provides duty leaves for discharging of University Assignments like conduct of External Practical Exam, Center Superintendent/ Deputy Superintendent, Flying Squad, Evaluation of Answer Scripts, etc. in other Institutes for semester examination.

- **Maternity Leave** - A female teacher/employee of the Institute after completion of the probation period is considered for grant of maternity leave.

- **Free accommodation in campus** – Free accommodation facility for the staff, faculty and guests is available within the campus.

- **Free transport facility** – Free transport facility is provided to the Faculty/ Staff by Institute vehicles.

- **Fee concession to wards of GGI employees** -   30% waiver in tuition fee for a particular program.

- **Subsidized food in canteen/mess** - The staff and faculty members can avail the subsidized food in canteen and mess.

- **Advance facility** - The staff and faculty members can apply for advance as per their financial needs to repay later in installments.

- **Gym facility** – The staff and faculty members can avail the gymnasium facility available in the campus.

- **Incentive policy for research** - The policy is in place to motivate the faculty members and technical staff of the Institute to undertake quality research and innovation related activities. Internal support for up-skilling programs - such as training programs, seminars, workshops, conferences, FDPs etc.

- **Bank & ATM in campus** – The staff and faculty members can avail the bank & ATM facilities within the campus.

- **Medical facility** - Medical facility for students and staff is available at the Institute's Medical room. The staff members of the Institute are also covered under the group insurance scheme.

All the above mentioned schemes/facilities help the faculty members and staff to work more effectively and efficiently towards achieving the organization's goal in the long term. These schemes/ facilities are applicable to all the employees and they can avail them as per their requirement. Due to these welfare measures, the average retention of faculty members is around 5 years.

File Description	Document
Upload 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: 42.47

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
62	64	74	15	56

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	[View Document](#)

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

Response: 8.6

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
8	11	10	7	7

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[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: 11.6

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

2020-21	2019-20	2018-19	2017-18	2016-17
27	32	13	4	0

File Description	Document
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

The performance appraisal is conducted at the end of every academic year. An effectively designed Performance Appraisal Form is provided to every faculty member for self-evaluation. Individual faculty's contribution to institutional performance and their administrative responsibilities are filled by the faculty in their self-appraisal form. The assessment is done based on the self-appraisal evaluation form. This Performance Appraisal System has revealed an opportunity for every faculty member to know their strengths and weaknesses. The accomplishment of this evaluation process is the development of the Institution along with self-growth of every faculty member. The feedback for each faculty is taken from the students. The HOD discusses the feedback with the concerned faculty on a one-on-one basis and appreciates or counsels them.

If the faculty does not meet the commitments, they are called and mentored by the Director for improvement. The system has been implemented successfully and found to be very effective to enrich the credentials of the faculty members. The HODs present their department activities for the academic year in front of the Director. The strengths and weaknesses of the department are thoroughly discussed and suggestions given by the committee are considered for the next academic year.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Every year the budget is prepared in advance by taking into consideration the financial requirements of every department such as equipments, functional budget (ex. Sports, staff development, Library) which is mainly required for the next session. The budget so prepared by the department is reviewed & forwarded by the Director of the Institute to Management. Management does necessary changes & forward it to the Director of the Institute for implementation. Internal/ External audit is done once in a year to verify the income and expenditure of the Institute.

The Institute's account is maintained in the ERP software. The voucher entry, trial balance, bank reconciliation work and balance sheet is maintained through the same. The salary of the staff is paid through the bank accounts.

Auditing processes of Institute take place in two stages namely, internal audit and external audit.

Internal Audit: The internal audit is performed by an internal committee assigned for the same. The auditors perform the Voucher Verification and other financial activities as mentioned below:

1. Receipts of fee, grants, contributions, interest earned and returns on investments.
2. All payments to staff, vendors, contractors, students and other service providers.

External Audit: The external auditors are appointed by the Management. The external auditors visit the Institute to perform the audit and check all the relevant documents personally. The audit reports are then prepared by the Lead Auditor. All issues are rectified here. After the audit processes the account statements are finalized. The observations and comments of Chartered Accountant are taken into consideration and implemented immediately.

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

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 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
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	<u>View Document</u>

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

Response:

GITAM is a self financed Institution. The Primary source of funds is through the collection of Academic fees and from other sources like hostel and transport fees. Institute has a proper budgeting system, projection and utilization process. Department head prepares the budget according to their requirements and present it to the Director of the Institute every year before the next academic session. The management reviews the budget proposals and approves them accordingly.

The Institute fee is approved by the State fee Regulating Committee under Directorate of Technical Education, Government of Haryana, which is the main source of funds for operational expenses. GITAM is designated as Examination and Evaluation Centre to conduct MDU Examination and evaluation of exam from the University. The payment credited in the college account is distributed through cheques to the faculty who performed the duties.

Utilization of Funds:

1. Funds available are utilized for salary and all other expenses of the Institution like purchases, maintenance of equipment, infrastructure, furniture repair and maintenance, office expenses, printing, stationery and miscellaneous expenses.
2. Financial support is also provided to the teachers for attending conferences, workshop, professional membership etc.
3. Funds available are also utilized for Technical & Cultural Fest. The fest is organized by GITAM annually which includes technical and cultural activities. The Award and Cash prizes are also given to students on the basis of their positions in technical and Cultural activities. Students from other colleges also take part in the fest and showcase their talent.
4. Special fund is also allocated to the students for preparing their technical working projects and models based on Merit.
5. Golden Eagle Award, Academic Leader and Academic Deputy Leader Awards and Scholarships are given to the meritorious students depending upon the percentage of marks in qualifying exams and performance in University exams respectively.
6. Enhancement of library facilities leads to learning practices and accordingly requisite funds are utilized for this.
7. Some funds are allocated for social service activities as a part of social responsibility.
8. Adequate funds are utilized for development and maintenance of good infrastructure for the Institute.

Our Institute has a well-defined procedure to monitor effective and efficient utilization of available

resources for infrastructure development and teaching learning process.

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

Response:

The Chairperson of IQAC is Director of the Institution and Registrar is the Coordinator of IQAC. The team of IQAC includes representatives of faculty, management, administration, students, alumni and local society employers/ industrialists/ stakeholders.

To maintain quality standards, the team of IQAC members regularly monitors various departmental activities like lab records, course files, attendance records, mentoring records and other necessary data related to academics. IQAC also checks the infrastructure and other facilities of departments such as labs and classrooms in administrative audits. After that, a report is prepared in a pre-designed assessment format and it is submitted to the IQAC coordinator. The report is discussed and analyzed in an IQAC meeting and finally, it is sent to the concerned department with recommendations for improvement.

Best Practices by IQAC:

Enhancing Teaching-Learning Process:

The prime objective of IQAC is to improve the academic and administrative performance of the Institution and observe the teaching-learning process. For every semester, the faculty members prepare the lesson plan of their respective courses before the commencement of the classes. The format of the lesson plan is reviewed by the IQAC from time to time. In every academic session, the course files have been prepared in a structured way which includes lecture notes, previous years' University question papers, question banks, tutorial sheets, assignment sheets etc.

Laboratory Preparation:

The IQAC monitors the quality perspectives like quality of equipments, lab manuals etc. The IQAC encourages the Faculties to include practicals beyond the syllabus. This practice has boosted students' confidence and helped in achieving course outcomes.

Faculty Development Program:

Quality training is essential and plays a pivotal role in improving the skills and competency of the faculty members. IQAC lays emphasis on it and recommends imparting training to the faculty members at the Institute level as well as outside. Such practices orient all the faculty members towards achieving the Vision and Mission of the Institute and Department as well. Identifying appropriate time slots and needs of the Institute, faculty members are encouraged to attend the FDP's / Workshops/ Seminars etc. which ensures learning and implementation.

Inclusion of Blooms Level in the Evaluation Process:

Revised Bloom's Taxonomy is implemented in the Institute to attain the course/ program outcomes. Various seminars and workshops on Outcome-Based Education were conducted to strengthen the academic approach. Later, with the approval of IQAC, the Blooms level has now been essentially included in all the Sessional Tests and Assignments. This brings a better understanding of educational objectives among students and faculty members.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

The Institute has established an Internal Quality Assurance Cell (IQAC) to constantly upgrade the educational quality. Regular monitoring and guidance for educational enhancement has also played a pivotal role. The IQAC has ensured coordination among various activities of the institution like Add on Programmes, Certificate Courses, Internships, Expert Lectures and other academic activities.

Outcome-Based Education (OBE)

Institute has implemented Outcome Based Education (OBE) in its teaching practices. Outcomes are evaluated at each step and corrective actions are taken to fill these gaps. IQAC members regularly monitor the departmental activities like review of the course files, quality of Sessional Papers, Assignments, Practicals to be conducted in the laboratories and other suggestions thereof. The Institute has developed its own process through which the entire COs and POs attainment are calculated. Based on this calculation, gaps are identified and actions are taken for further improvement. The course outcomes designed for each course are content-based. As in outcome-based education it is important to align the course outcomes with Bloom's levels so the outcomes become measurable through the evaluation process. Through an IQAC initiative, COs are redesigned for all the courses for better attainment. After completion of the process, the revised COs are adopted.

Online Teaching Learning

During COVID-19 Pandemic, the Institution has switched towards the online learning process through different platforms for example: - Google Meet, Zoom etc. The study materials were prepared by the faculty and provided to the students for better implementation of teaching-learning activities through online mode.

6.5.3 Quality assurance initiatives of the institution include:

   1.**Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed**

and used for improvements
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: C. 2 of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution	<u>View Document</u>

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:

The Institute has initiated various measures for the promotion of gender equity. Different gender equity promotion programs are organized in the institute and various facilities are also provided to the girl students and female staff. **The Women Cell** at GITAM was constituted to enable girls to pursue their education in a safe and secure learning environment. The Women Cell spreads awareness among the students about social, legal and constitutional rights of women in order to prevent the exploitation based on gender. It also focusses on ensuring a healthy work environment for female employees, so that they can work with dignity and reassurance.

Various activities for women empowerment and gender sensitization like training for Self-Defence, awareness campaign about Durga Shakti App for Women Safety, Poem Recitation on Women Power, Poster Making on Women's Issues, Slogan Writing Competition, Speech, Group Discussions, Counselling Sessions, Seminars and Workshops etc. are organized regularly.

For gender justice in all its interventions and practices, an **Internal Complaint Committee (ICC)** has been established as per the UGC guidelines. The ICC is responsible for looking into any complaints filed by students and staff and aims at maintaining the ZERO tolerance policy against sexual harassment. Sessions by registered medical practitioners have been organized by this committee to educate girl students. The goal of setting up this committee is to build an environment and society devoid of discrimination and to take the benefits of fundamental rights for sustainable development.

The Institute maintains a separate **Girls' Common Room** for rest and recreation of girl students. Institute also provides a Sanitary Napkin Vending Machine with an Incinerator facility to girl students. The Institute has appointed security staff to provide 24 hours security. CCTV cameras are installed in campus buildings and other appropriate places. In case of a medical emergency, a vehicle is available 24 x 7 in the hostel campus.

File Description	Document
Link for annual gender sensitization action plan	[View Document](#)
Link for 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](#)

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
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:

GITAM is highly sensitized for environmental consciousness and we take all necessary steps to keep our campus clean, safe and secured for a better life. The lush green campus proves the intent of the management to make the campus eco-friendly. Lawns have been developed and maintained.

The practices that are followed at the GITAM for the waste management:

1. Solid waste management: Solid wastes are generated from the canteen, mess, kitchen, playgrounds, toilets, laboratories, lawns, and yard waste like pruned grass, leaves etc. Treatment is given to the waste according to its nature. The solid waste generated in the Institute is managed by the followings methods:

- Reusing: Reuse of one side printed paper for internal communication.
- Recycling: Waste such as fully used stationery, old newspapers, metallic waste, plastics etc are sold out for recycling.
- Composting: Horticulture waste is also disposed off by the landfill method while producing low-cost organic fertilizer, suitable for agriculture purposes.

2. Liquid waste management: A sewage treatment plant (STP) has been installed in the campus that removes contaminants from wastewater. It uses physical and chemical processes to remove contaminants and the water is reused for gardening purposes.

 3. E-waste management: The Institute has a tie-up with vendors which are certified by the Haryana State Pollution Control Board and Central Pollution Control Board for recycling of E-waste.

4. Waste recycling system: The scrap items such as iron waste, aluminum waste, tin containers, old

newspapers, cartons and plastics are best recycled by their respective industries. Therefore these items are sorted and kept separately for selling to the agencies.

5. Hazardous chemicals and radioactive waste management: Presently there is no such lab/department in the Institute that produces radioactive chemicals and radioactive waste. The chemistry lab in the B.Tech program is involved in conventional practicals, where the used chemicals are diluted before disposing of in the sink and do not pose a hazardous threat.

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: A. Any 4 or all of the above

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
Link for any other relevant information	[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
Certification by the auditing agency	[View Document](#)
Link for 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: C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	[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:

GITAM is proactively taking efforts in providing an inclusive environment for everyone with tolerance and harmony towards regional, linguistic, cultural, communal socio-economic and other diversities among the students. It is evident right from the enrollment as the institute has a rich cultural amalgamation of students from India as well as other countries such as Afghanistan, Nepal, Bhutan, Nigeria and UAE. The initiatives taken by the Institute are:

- **Celebration of Festivals:** The students at GITAM celebrate mostly all regional popular festivals such as Holi, Deepawali, Eid, Lohri, Janmashtami, Christmas, Baisakhi and Navratri etc. which indicates social integration and their respect for regional and cultural harmony. Celebration of the Hindi Divas in GITAM is reflective of its linguistic harmony promotion in the campus.

- **Programs on Harmony:** International Yoga day, Nukkad Natak on Nasha Mukt Samaj, Tree plantation and many other programs are organized on art of living, ethics, and spirituality. The faculty and staff of GITAM contribute generously for the blind school. It was an initiative to bring happiness in the lives of the people who are visually impaired. These programs are great institutional measures to create communal harmony in the fraternity.

- **Activity for the Welfare of society:** The sacrifice of our soldier Sergeant Vikrant Sehrawat, who was martyred in the MI-17 helicopter crash while protecting the country, will always be remembered. Students of GITAM paid a tribute to him by performing an act. The staff members of GITAM shared empathy with the family of the martyr by donating one day's salary. On 16th August 2018, severe floods affected the south Indian state Kerala. It was the worst flood in Kerala in nearly a century. GITAM donated a sum of Rs. 25000 as its societal obligation.

Socioeconomic and other diversities:

Institutional scholarship schemes: Institute also takes account of socioeconomic and other diversities among the students and offer Institutional scholarships to girls, students who performed well in academics and also to those who are from the economically weaker section.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[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:

The institution in theory and practice adhere to Constitutional obligation in various ways as summarized below:

Sensitization through the curriculum

The course **Constitution of India** is taught to the students. This course deals with the fundamental rights and duties.

Administrative steps

- The faculties have performed election duties as presiding officers in the year 2019. The Institute is ever ready for any such duties assigned by the state.
- The marginalized and weaker sections get equal opportunities in studies as scholarships are being provided to the target group every year.
- Girls are given wider opportunities for higher studies by providing gender-based scholarships every year.
- The hostel and college campus environment ensures a secular, sovereign and democratic approach for all students from different states and countries.
- The Anti-Ragging Committee and Women Cell are constituted to address and sort out grievances of students and staff.

Annual activities

- All the National and Religious festivals are celebrated with great zeal and enthusiasm.
- Engineers' Day is celebrated every year.
- Blood donation camps are organized.
- Value-based education is imparted through PDP Classes and Expert Lectures.
- Theme-based annual fest is organized with a fusion of Indian culture, heritage, values and social problems arising in modern civilization. A plethora of various technical and cultural events are

showcased under the banner of Achievers.

Departmental initiatives

All the departments organize awareness drives on burning social issues regularly. Every department along with their students and faculties visit nearby villages to spread awareness. Interaction with the local community is always fruitful as it results in an exchange of ideas.

Environment and sustainability

The green audit is done periodically to preserve and protect the environment. Students and faculties participate in tree plantation activities and celebrate World Environment Day, Earth Day etc.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)
Link for any other relevant information	[View Document](#)

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
Code of ethics policy document	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The Institute celebrates **Republic Day** and **Independence Day** with full respect and gaiety.

Holi is also celebrated with decorum and enthusiasm in the Institute. It incorporates so much fun and joy in the college campus as the whole campus gets filled up with the vibrancy of colours.

Diwali is another religious festival which is celebrated with great zeal in the Institute by adorning the campus with dazzling rangolis.

Baisakhi, **Lohri**, **Christmas**, **Eid** and **Navratri** are also celebrated every year.

To remember the contribution of Dr. Sarvpalli Radha Krishnan, **Teachers' Day** is celebrated on 5th September every year. To grace this day, students exhibit their talents as a treat to the teachers. Students also show their gratitude and thankfulness towards their teachers by giving speeches.

In honour of Bharat Ratna Sir Mokshagundam Visvesvarayya, **Engineers' Day** is celebrated on 15th September every year to pay a tribute to one of the greatest engineers of the country for his outstanding contribution to the society.

Additionally, a few national and international commemorative days, which spread awareness about social concerns among the youth, are also celebrated by the departments. **Fire and Safety Day**, **Women's Day, Earth Day, Technology Day** and **International Yoga Day** are also celebrated.

File Description	Document
Link for any other relevant information	[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

1.1 Title: TEACHING-LEARNING PROCESS

1.2 Objectives:

- To ensure the completion of syllabus according to the academic calendar of the Institute.
- To encourage teachers to adapt to advanced pedagogical methods including ICT in class room teaching.
- To improve the technical skills of students.

1.3 The context

Rapid advancement in technology is one of the major issues that affect the teaching learning process. The faculty uses a variety of tools to keep the learner engaged in the learning process. Accordingly, the student centered framework adopted by the Institute includes practices like experiential learning, participative learning, ICT enabled learning and innovative practices of learning. Implementation of ICT enabled teaching learning becomes the most appropriate response to the demands of the generation in a digitalized

era. All of these bring about an all-encompassing growth in the students' knowledge acquisition. The essence of participatory and interactive learning is to actively engage students in the learning process. It enables us to break the monotony of classroom teaching. It raises a student from being a mere recipient to a contributor to the learning process. The Institute trains the faculties continuously to help them enhance their teaching abilities. The learning imparted to the teachers is implemented in enhancing the learning experience of the learner. Experts from the respective fields are invited to share their expertise with the faculty and students which gives a wide panorama of the topic in discussion. Transfer of knowledge enhances the educational experience of our students.

1.4 The practice

The Academic Calendar is planned at the central level of the Institute and approved by IQAC. Academic Calendar is uploaded on the Institute's website for information to students, faculty, staff, parents and others. On the basis of that, every faculty prepares their lesson plans. Timely Feedback is obtained from students regarding the content delivery by their faculty members. Assignments, Sessional exams are conducted at scheduled dates to improve performance in the end semester examinations. Timeline of Assignments, syllabus coverage is monitored by HODs and Director at regular intervals. To impart in-depth knowledge in courses, numerous activities like technical quizzes, role plays, tests, case studies are conducted regularly. Classrooms are equipped with ICT tools and all the departments have adapted their classroom teaching with the help of ICT. Initiatives like Guest Lectures by experts from Industry/Academic, Seminars, Workshops are also conducted to expose the students to advanced levels of information. Remedial classes are conducted to bridge the gap between slow learners and advanced learners. Problem-solving sessions between student clusters of the aforesaid nature also allow slow learners to acquire knowledge through cooperative learning.

1.5 Outcomes

In 2016-17 number of university rankers were 567 and the number of students securing first ranks in the university were 21 which rose to 725 and 30 respectively in the year 2019-20.

Best Practice 2

2.1 Title of the practice: Awards and Honors to the Students

2.2 Objectives of the Practice:

The main objective of the practice is to create an atmosphere of healthy competition among students. Hard working and consistent students in various spheres. These students need to be recognized for their performance, not only by their teachers and peers, but also on a wider platform by the Institute.

Such appreciation leads to the realization of the importance of hard work, not only among the awardees, but also among the other students. Appreciation and incentive are thus the two keystones of this practice inculcating the value of diligence.

2.3 The Context:

A teacher derives immense joy out of the success of the students. This not only reflects the achievement of the student himself or herself, but also the efforts put in by the respective teachers in recognizing and

honing the potential of the student. Sometimes, students tend to fall into a state of academic disinterest, lethargy and inactivity, and are seen to move toward other distractions typical of youth which may be due to various reasons such as home sickness, difficulty in understanding or the fear of failure.

It has been, and will always be the firm opinion of teachers that students are kept on their toes in their quest for excellence by providing necessary guidance, be it in terms of academics, skill enhancement, personality development attitude and sometimes moral support to their students. The institute should supplement this with incentives which can be in term of awards, honours or monetary help. The practice has been therefore envisioned and aptly designed by all the Heads of Departments in consultation with Director of the Institute. The management also appreciated this concept of institutionalizing awards and honours to the students who do extremely well in academics, sports and win various competitions and it gave a go ahead to implement this practice which has been contributing to the success of students for posterity.

2.4 The Practice:

Various awards are announced by the Institute for students in order to inspire them to perform well in Academics, Sports and Competitions at Intra-College, Inter-College, Inter-University and National levels. The Institute also gives concessions to the students on the basis of their performance in the qualifying exam for admission in the Institute. The Institute also conducts an entrance cum scholarship test every year for students and they are provided concessions in fees on the basis of performance in the test. It also benefits the Institute as we can admit meritorious students in various programmes.

Besides the Golden Eagle Awards the Institute also provides awards under various categories on the basis of performance in the University/Board Examination conducted by the Affiliating University/Board.

For B.TECH
INR 50000 scholarship for >= 90% marks
INR 25000 scholarship for 85% to 90% marks
INR 10000 scholarship for 80% to 85% marks

For BBA and BCA
INR 20000 scholarship for >= 90% marks
INR 10000 scholarship for 85% to 90% marks
INR 5000 scholarship for 80% to 85% marks

For MBA
INR 40000 scholarship for >= 90% marks
INR 20000 scholarship for 85% to 90% marks
INR 10000 scholarship for 80% to 85% marks

For MCA
INR 30000 scholarship for >= 90% marks
INR 15000 scholarship for 85% to 90% marks
INR 7500 scholarship for 80% to 85% marks

Academic Genius of the year Awards: A cash prize of INR 1 LAC to the University Topper/1st rank in final year examination in respective Programme.

Academic Leader of the year Awards: A cash prize of INR 50000 from 2nd to 10th University rank/position in the final year examination of respective Programmes.

Academic Deputy Leader of the year Awards: A cash prize of INR 10000 for respective class toppers with a minimum of 70% marks in respective Programmes.

2.5 Outcome:

The awards are publicized through admission brochure published every year, through website and various promotional activities carried out by the Institute. The teachers, in course of their regular delivery of the curriculum keep encouraging students to vouch for these awards and plan their preparation meticulously not only for winning the award and cash prize but also for enhancing their learning level.

The target is thus set for the high performers to win the award. Students feel encouraged to compete for the top position and excel in studies. It is seen that the students themselves come forward and seek the guidance of their mentors and teachers in their quest for the award.

2.6 Success Story of the practice:

Achievements of the students are not only reflected through the Awards conferred by the Institute but also through accolades in Smart India Hackathon, a National level coding competition organized by All India Council for Technical Education under the aegis of Ministry of Education, Government of India. Institute has won first runner up Trophy in 2017 and since then we have won first prize for three consecutive years and to complement the earlier success, in 2021 two teams from the Institute have won first prize in two different problem statements of state Government and found the solution for those. Manisha Gupta a student of Computer Science and Engineering brought more laurels to the Institute at International level by participating in Asean -India Hackathon and won first runner up prize in 2020. Many students regularly feature in the University Merit lists and besides winning the cash prize also make a name for themselves and the Institute.

Three students namely Prafull Kumar of Electrical Engineering, Yogesh Sharma of Fire Technology and Safety Engineering and Madhu Sudan of Bachelor of Computer Application bagged the honour of Academic Genius of the year Awards in A.Y 2016-17, 2017-18 and 2018-19 respectively.

Jigyasa Upadhyay, Nancy Thakur and Siddharth Verma of Electronics and Communication Engineering, Shelly Chandra of Electrical Engineering and Pinky of Bachelor of Business Administration won the honour of Academic Leader of the year Awards from 2016-17 to 2019-20.

The above mentioned list of recipients of various awards and accolades get another boost as these students are also placed in good companies/ serving in Government organizations/ PSU's like Indian Railways, SAIL, American Express, Wipro to name a few.

The Institute is also planning to introduce one more award for the aspiring Entrepreneur of the year Award and this award will be given to any student who will graduate from the Institute and start his own venture and offer employment to atleast 50 people.

Problems Encountered and Resources Required:

No major obstacles have ever been faced in the implementation of the best practice, which were in vogue for the past many years, and going on in a smooth, efficient and well- planned manner. However, much goes into the Awards Day function through the tireless efforts of the Awards committee and student volunteers. Expenditure for the other non-instituted awards, and for conduct of the function itself, is borne by the Management through a budgeted amount earmarked for the purpose.

File Description	Document	
Link for Best practices in the Institutional web site	[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:

GITAM is a pioneering Institution that believes in imparting quality education and makes the students globally competent. It is because of the assumption that the students who excel in academic endeavours become competent professionals contributing to the advancement of their respective industries and of the societies they belong. We are efficiently moving towards our vision to be an outstanding Institution through academic excellence. GITAM exerts all efforts to instill academic integrity, ethical and moral values in the students. In pursuit of achieving our goals we disseminate knowledge through participative learning, experimental learning and problem solving approach. GITAM has the highest no. of University Toppers & Merit Rankers among all colleges under M.D. University, Rohtak since last nine semesters. Overall progressive performance of the Academic programme is achieved by the Institute in previous years.

Year	No. of University Rankers	No. of 1st Rankers in the University
2019-20	725	30
2018-19	690	29
2017-18	576	23
2016-17	567	21

The Institute regularly organizes Seminar, Workshops, Add-on Programs, Expert Lectures, Technical Events and Industrial Visits etc. Various extension activities are also organized for the overall development of the students. The Institute motivates the students to excel in academic endeavour by providing them various scholarships and awards.

Academic Excellence Awards

Ganga Institute of Technology and Management appreciates the meritorious students who exhibit

outstanding performance at the University and Institute levels. Various scholarship awards are as under:

- **Academic Genius of the year:** INR 100000/- University Topper of final year.
- **Academic Leader of the year:** INR 50000/- University Ranker from 2nd to 10th position in final year.
- **Academic Deputy Leader of the year:** INR 10000/- Class Topper with min. 70% aggregate in an academic year.

The motive of giving such awards is to encourage the students to work hard and get success. These rewards also promote a feeling of pride and achievement.

We can proudly proclaim that three students have obtained the 1st rank and received the **Academic Genius of the year** award of Rs. 100000/-. These students are inspirants for other students as they are working with Indian Railways, SAIL, American Express and pursuing higher studies at IIM Kashipur.

Year	Name of students	Programme
2016-2017	Prafull Kumar	Electrical Engineering
2017-2018	Yogesh Sharma	Fire Technology and Safety
2018-2019	Madhu Sudan	BCA

- Five students have obtained the 2nd rank throughout their program and have received the **Academic Leader of the year Award** of Rs. 50000/-.

Year	Name of students	Programme
2016-2017	Jigyasa Upadhyay	Electronics and Communication Engineering
2016-2017	Siddharth Verma	Electronics and Communication Engineering
2016-2017	Shelly Chandra	Electrical Engineering
2018-2019	Nancy Thakur	Electronics and Communication Engineering
2018-2019	Pinky	Bachelor of Business Administration

- **Academic Deputy Leader of the year:** About 145 students have been conferred with this Award in their respective branches and they were given an amount as a mark of appreciation.

Golden Eagle Award

It is a great initiative taken by the Institute to offer these awards which are meant for high flying students who aspire to achieve top positions in the field of Technology and Management. Such meritorious students were felicitated with cash awards as follows:

Year	No. of beneficiary students	Total Amount (in Rs)
2016-17	9	125000

2017-18	14	195000
2018-19	8	90000
2019-20	14	235000
2020-21	13	200000

Scholarship

To recognize the exemplary academic acumen and achievements of the students the institute offers merit-based scholarships for marks obtained in the qualifying exam. The criteria are as follows:

Percentage Marks	B.Tech	BBA/BCA	MBA	MCA
90 and above	Rs.50000/-	Rs.20000/-	Rs.40000/-	Rs.30000/-
85-89.99	Rs.25000/-	Rs.10000/-	Rs.20000/-	Rs.15000/-
80-84.99	Rs.10000/-	Rs.5000/-	Rs.10000/-	Rs.7500/-

Scholarship Test

The Institute conducts GITAM Scholarship Test (GSAT) every year. On the basis of secured marks and ranks the candidates/ students are awarded scholarships.

Special Financial Assistance

The Institute also provides scholarship to the economically poor students who are good in academics. It is a universal approach to education that holds meaning in students' lives.

OBC other than Haryana and Delhi

The objective of the scheme is to award scholarships to meritorious students belonging to economically weaker sections, minority community so as to provide them with better opportunities for higher education and enhance their employability. The OBC students from the states other than Delhi and Haryana are provided with a scholarship of Rs. 10000/- in B.Tech and Rs. 7500/- in BBA and BCA.

Ganga Institute of Technology and Management is a consistently motivating support platform for students to exhibit their skills and knowledge in various competitive Technical Events such as Technical Expressions, Project Exhibitions, International and National Conferences, and Hackathon. The students of the Institute have won prizes for four consecutive years 2018, 2019, 2020 & 2021 in "Smart India Hackathon Competition" (A National level contest organized by AICTE). Ms. Manisha Gupta has won runner up prize in ASEAN-INDIA Hackathon (An Initiative by Hon'ble Prime Minister). Our institute has arranged various technical events and awareness programs to increase participation and competency.

GITAM has advanced to the present stature and magnitude with sheer dedication, devotion and determination of management and faculty. It has been able to maintain its academic excellence for the past thirteen years. The institute is committed to impart quality education and make the students globally competent to face the challenges. We have been working incessantly to reach the pinnacle the success.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)
Link for any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

- GITAM's outlook towards education is an unyielding pursuit for accomplishing excellence through human resources and state–of–the–art infrastructure. The institute is striving to effectuate apex symbiosis among Academicians , Professionals , Technocrats and students for nation building . We emphasize on holistic development of the students by way of conscientious practical training in the laboratories and workshops. Co-Curricular activities, Extra –Curricular activities and Mentoring / Counselling are also focused upon.
- The Institute organizes National and International level conferences bi-annually to give an opportunity to the Research Scholars, Academicians, to discuss issues, ideas and work of mutual concern/burning issues related to the field of Engineering and Technology.
- The faculty, staff , undergraduate and postgraduate students are encouraged to register for patents of their innovative concepts.
- GITAM provides bus service facility for employees and students commuting from all parts of Delhi and NCR.
- As the Educational Trips and Excursions give an opportunity to the students to get first hand information, collaborate with teachers, integrate new perspectives with informal environment to enhance learning initiatives, these are an integral part of our curriculum.
- In order to support, enhance and optimize the delivery of information GITAM believes in using the ICT tools. These tools lead to improved student learning and better teaching methods.

Concluding Remarks :

GITAM has a picturesque, serene, green and spacious campus with state-of-the-art infrastructure to support functional developments required for higher performing institutes. GITAM is a pioneering institute in Delhi-NCR that has successfully completed 13 years of excellence. The institute has an enviable track record of academic excellence which is coupled with hands-on industrial training and exposure to virtual labs in association with IIT, Delhi. GITAM's result and placement record reflect the versatile talent and dedication of the students & faculty. GITAM lays emphasis on promoting Faculty Development Programmes, Seminars, Workshops & Conferences which help the faculty and students to keep abreast with latest trends in the field of science & technology and become globally competent.

The institute has been striving hard to establish itself as one of the premier institutions imparting technical and professional education. It has successfully carved a niche for all the stakeholders, be it students, faculty or staff members.