



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. G. CHANDRAMOHAN REDDY
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	4024193057
• Alternate phone No.	9381855173
• Mobile No. (Principal)	9885210475
• Registered e-mail ID (Principal)	principal@mgit.ac.in
• Address	Kokapet (Village), Gandipet (Mandal), Ranga Reddy (District)
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	500075
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	01/09/2021
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. P. Ram Kishore Kumar Reddy				
• Phone No.	4024193057				
• Mobile No:	9966359780				
• IQAC e-mail ID	iqac@mgit.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://mgit.ac.in				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://mgit.ac.in/wp-content/uploads/2023/05/AQAR-2021-22.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A++	3.53	2023	23/11/2023	22/11/2028
Cycle 1	A	3.14	2018	30/11/2018	29/11/2023
6.Date of Establishment of IQAC			11/11/2012		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Mr. S. Jayaprakash Narayana	Research and Development Committee	MGIT, Hyderabad	01/02/2023	17315
Dr. K. V. RamanaReddy	Research and Development Committee	MGIT, Hyderabad	01/03/2023	20160
D. Tarangini	Research and Development Committee	MGIT, Hyderabad	02/02/2023	16,150
Dr. P. Ram Kishore Kumar Reddy	Research and Development Committee	MGIT, Hyderabad	01/03/2023	25,000
Mr. P. Pradyumna	Research and Development Committee	MGIT, Hyderabad	02/02/2023	20,000
Mr. Ch. Vinay Kumar	Research and Development Committee	MGIT, Hyderabad	01/02/2023	40,000
Mr. G. Arun Kumar	Research and Development Committee	MGIT, Hyderabad	01/03/2023	25,000
Dr. V. VijayaBhaskar	Research and Development Committee	MGIT, Hyderabad	01/03/2023	54,700
Mr. S. Ajay Kumar	Research and Development Committee	MGIT, Hyderabad	01/03/2023	44,379
Dr. Asheesh Kumar	Research and Development Committee	MGIT, Hyderabad	01/03/2023	24,804
Dr. T. Niranjan	Research and Development Committee	MGIT, Hyderabad	01/03/2023	65,700
Ms. K. Sirisha	Research and Development	MGIT, Hyderabad	01/05/2023	26,000

	Committee			
Dr.D.Venkata Reddy	Research and Development Committee	MGIT, Hyderabad	01/03/2023	10,590
Mr.K.Bapayya	Research and Development Committee	MGIT, Hyderabad	01/03/2023	17,500
Dr.S.Srinivasa Rao	Research and Development Committee	MGIT, Hyderabad	01/03/2023	7,630
Ms.P.Durga Devi	Research and Development Committee	MGIT, Hyderabad	01/03/2023	5,770
Ms.G.UshaRani	Research and Development Committee	MGIT, Hyderabad	01/03/2023	8,800
Dr.D.Vijayalakshmi	Research and Development Committee	MGIT, Hyderabad	01/03/2023	9,470
Mr.B.Lokesh	Research and Development Committee	MGIT, Hyderabad	01/03/2023	12,569
Dr.B.Prashanthi	Research and Development Committee	MGIT, Hyderabad	01/03/2023	15,000
Dr.M.Sreevani	Research and Development Committee	MGIT, Hyderabad	01/03/2023	15,000
Ms.Gousia Begum	Research and Development Committee	MGIT, Hyderabad	01/03/2023	7,000
Ms.G.NagaSujini	Research and Development Committee	MGIT, Hyderabad	01/03/2023	12,000
Ms.P.Poornima	Research and Development Committee	MGIT, Hyderabad	01/03/2023	15,700

Mr.R.Mohana Krishna Ayyappa	Research and Development Committee	MGIT, Hyderabad	01/03/2023	10,000
Mr.K.Bapayya	Research and Development Committee	MGIT, Hyderabad	01/03/2023	13,000
Y.Pavan Narasimha Rao	Research and Development Committee	MGIT, Hyderabad	01/03/2023	5,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Advanced Institute of Non Destructive testing and training, Greater Noida	02/01/2023	15,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Crystal Metallurgica l Services and Solutions, Hyderabad	02/01/2023	5,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Dr.Srujan Mishra	02/01/2023	10,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Fusion Heat Treatment,Pa tancheru Sangareddy	02/01/2023	5,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Virtue Meta Sol, Hyderabad	02/01/2023	10,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Nano Technology Educational Services	02/01/2023	5,000
Sponsorship	Sponsorship	The Indian	02/01/2023	20,000

for Tech Fest of MME Department	for Tech Fest	Institute of Metals, Hyderabad		
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Mishra Dhatu Nigam Limited, Hyderabad	02/01/2023	20,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Sai Deepa Rock Drills Private Limited Hyderabad	02/01/2023	20,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Rachamallu Forgings Private Limited Hyderabad	02/01/2023	30,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Innomet Advanced Materials Private Limited, Hyderabad	02/01/2023	10,000
Sponsorship for Tech Fest of MME Department	Sponsorship for Tech Fest	Metsonic Engineers Private Limited, Hyderabad	02/01/2023	20,000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	3	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>IQAC led the institution through a successful accreditation process, securing recognition for its adherence to quality standards and continuous improvement efforts.</p>		
<p>IQAC nurtured a culture of continuous improvement by encouraging participation in quality enhancement initiatives, fostering innovation, and recognizing and celebrating achievements across the institution.</p>		
<p>IQAC organized community engagement initiatives, such as outreach programs, internships, and industry partnerships, to enhance the relevance of academic programs and foster social responsibility among students</p>		
<p>IQAC facilitated the collection and analysis of student feedback, leading to the implementation of targeted interventions to address areas for improvement in teaching, facilities, and support services</p>		
<p>IQAC spearheaded infrastructure development projects, ensuring the availability of state-of-the-art facilities and resources to support teaching, learning, and research activities</p>		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		

Plan of Action	Achievements/Outcomes
<p>The institution submitted the Institutional Information for Quality Assessment (IIQA) for the NAAC on 30.06.2023</p>	<p>A culture of continuous improvement by encouraging participation in quality enhancement initiatives, and recognizing and celebrating achievements across the institution</p>
<p>To provide more infrastructural facilities for students</p>	<p>Research and laboratory facilities were developed for the benefit students and staff in AY 2022-23</p>
<p>Strengthen collaborative works with industry partners through internships, guest lectures, and collaborative projects</p>	<p>Enhanced practical exposure for students, opportunities for industry-relevant research, and increased placement opportunities</p>
<p>To publish their innovative research work in Peer reviewed, SCI /Scopus Indexed journals for the betterment of institute/staff</p>	<p>The faculty published papers in reputed journals for the assessment period and some of them carried out for the research work</p>
<p>Review and update the curriculum of all courses to align with industry standards and emerging technologies</p>	<p>Improved relevance of courses to industry needs, leading to better student skillsets and employability</p>
<p>13. Was the AQAR placed before the statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p>Governing Body Academic Council & BoS</p>	<p>29/12/2023</p>
<p>14. Was the institutional data submitted to AISHE ?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
2024	13/02/2024

15. Multidisciplinary / interdisciplinary

The need to inculcate a multidisciplinary approach in education is essential and it has been felt for quite some time now. Although the fundamental idea has so far remained confined to theories and discussions, there has been an upsurge in its application in the classroom through the National Education Policy (NEP) 2020. NEP 2020 is an ambitious policy document aiming to revolutionize the education system in India. One of key aspects of the policy is the emphasis on a multidisciplinary approach in education - firstly in schools and then eventually in colleges as well. Moreover, multidisciplinary education is a vital part of India's modern education system. By embracing it, the NEP 2020 seeks to give students access to a wider knowledge base and skills and prepare them for a rapidly changing world.

Multidisciplinary education is an approach to learning that takes into account different disciplines, subjects, and perspectives. It encourages students to broaden their learning beyond traditional boundaries, explore multiple perspectives, and cultivate new skills. This type of learning allows students to develop a more comprehensive understanding of any given topic and to integrate knowledge from different fields better. Keeping it in view, MGIT has adapted multidisciplinary approach to provide liberal education, and provision to choose open electives which are offered by other departments. It provides opportunity for a specific branch(es) student(s) to choose elective(s) offered by other departments and vice-versa. Moreover, this provision has already been there in the regulation of M18, M21 and M22 respectively. Further, it offers credit choices to students that allow them to pursue a suitable career path. Furthermore, MGIT is providing skill-based education, internship, and apprenticeship opportunities as well as industry mentors for students to be ready for Industry 4.0, as proposed in NEP 2020. Taking cognizance of a students' overall development, MGIT has adopted experiential learning methodology, interdisciplinary approach and embraced hands-on practices for our students through teaching and learning practices. Further, the institute emphasized on imbibing critical characteristics like knowledge-seeking, social skill, teamwork, communication by involving students in a variety of curricular, co-curricular and extra-curricular activities at the formative years of students' life.

16. Academic bank of credits (ABC):

The Academic Bank of Credit (ABC) is a virtual mechanism that will deal with the credits earned by students of Higher Education Institutes in India and are recognized by the University Grants Commission (UGC). Further, It is a credit facility originally envisioned by the Government of India in the NEP-2020 and it The scheme has provisions of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutes within the country. The ABC will be entrusted with the responsibilities such as opening, closing, and verifying the individual academic accounts of students. In addition to this, it is also responsible to gather the academic credits earned by the students from their respective higher education institutions, verify the credits, store the credits, transfer or redeem such credits, and promote them as and when required among its stakeholders.

The academic credit bank starts functioning with over 290 top Indian higher education institutions participating in the academic session 2021-2022. Among these will have all institutes that are in the list of top 100 of the National Institutional Ranking Framework (NIRF) and also all those institutes which are accredited "Grade A" by the National Assessment and Accreditation Council (NAAC) Further, to take stock of the NEP-2020, MGIT has adopted ABC and facilitated its students in R 22 and MR22 academic regulations. The following are some of the features, and functions of ABC:

- The ABC includes all kinds of courses offered by the Higher Education Institutes and which are recognized by the University Grants Commission (UGC), be it a graduation course, postgraduate course, PhD courses, diploma courses, certificate courses, etc.
- It covers courses offered through any medium, be it regular classroom courses or open/distance learning courses or online courses.
- SWAYAM, NPTEL, V-Lab and such other schemes offering their courses are also eligible to avail the facilities provided by Academic Bank of Credit.
- The credits earned by students will carry a validity of 7 years unless otherwise specified for that particular course; and upon the end of the validity period these credits will expire.

17.Skill development:

Highlighting the importance of continuous learning, MGIT collaborated with Virtusa, an industry partner and have jointly setup a Centre of Excellence (CoE). The following are some initiatives of the collaboration:

- To enrich practical skills and impart industry relevant course

curriculum to students of all engineering disciplines in the field of Information Technology.

- To provide with the material, software and access to the AIMS Library during the terms of this MoU.
- To offer Certification program to 2 to 3 nominated faculty members, after completion of the program the trained staff will be allowed to train certain number of students and these trained students shall be pre-selected by Virtusa.
- Proposed 2 courses; MGIT is offering these programs as value added courses.

Also, MGIT has established a Centre of Excellence (COE) under the "Student Empowerment Program" a CSR initiative, sponsored by Honeywell which is implemented by ICT Academy, Government of India. This Honeywell Training program has aimed to train 105 girl students on Microsoft Azure AI along with various activities to empower the students from 21st November to 7th December-2022 (15 days). This program include:

- Training of 105 girl students on one advanced technology relevant to Industry 4.0
- Offer a Global Certification for all students on completion of training along with placement facilitation to all eligible students
- To organize and facilitate Student Hackathons, Career counselling sessions
- Faculty empowerment program to 4 nominated Women Mentors.

Further, MGIT has active collaboration with Telangana Academy for Skill and Knowledge (TASK) and conducted many up-skilling workshops and training sessions for students besides providing inputs for unlearning as per the demands of the era. By organizing such skilling sessions, the institute is able to expand students' potential with new skills and uplift the competency and make them relevant for the industry they wish to thrive. Further, MGIT has been working relentlessly towards modifying the existing curriculum in Board of Studies (BoS) meetings to orient students and meet the industry demands. Moreover, this provision has already been there in R22 and the same procedure/provision is adopted for the regulations of MR22.

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18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Indian Knowledge system (IKS) is a collective range of Indian Knowledge that has exhibited in systematized ways of knowing. Starting from the oldest compositions of knowledge i.e, the Vedic literature to the country's native and tribal folklore, the Indian Knowledge is spread as a spectrum. There is a vast repository of

knowledge available not only in Sanskrit, Pali and Prakrit, but also in all native Indian languages. This has been remaining unexplored for the last several decades.

Connecting the modern day Indian students to their ancient traditional knowledge and practices in different disciplines such Arts, Science, Medicine, Yoga, Meditation etc. gives them a scope to realize and appreciate ancient Indian wisdom and inspires them to shape their moral and professional character following a value system in their personal life's and carry out inter disciplinary research for professional growth.

MGIT promotes aspects such as ethics, morality, personal, social and professional etiquettes, meditation, yoga, health etc. by organizing several events such as:

- Organizes Yoga sessions regularly.
- Conducts meditation and spiritual sessions by inviting eminent spiritual gurus from Rama Krishna Mutt
- Literary club and NSS unit of MGIT conduct regularly competitions such as quiz, debates, elocutions, Essay writing on topics of patriotism, spirituality and personal and societal well-being.
- Sensitizes and promotes gender equality among students a mandatory course "Gender Sensitization" is offered to 3rd and 4th Semester students.

Institute encourages to participate in guest lecture, seminars organized by Rama Krishna Mutt, Hyderabad on Personality Development.

Encourages students to participate in Vocal, Dance, Theatre events that promote National Integration.

MGIT lays equal emphasis on career planning and growth of its student community. To realize this institute

Encourages its students and faculty members for carrying out funded A mandatory course "Intellectual Property Rights" is offered to create awareness and provide critical insights among students into patents, Copyrights, Trademarks etc.

Courses like Professional Practice Law and Ethics and Legal Aspects of Business and Ethics are offered to students to make them realize the importance of practising professional ethics.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

MGIT adheres to a structured educational framework, implementing the Outcome-Based Education (OBE) process and defining learning outcomes. These outcomes are integrated into assessment, broadcasted for transparency and accessibility, and regularly evaluated for attainment.

Integration of Learning Outcomes:

MGIT has transitioned from a teacher-centric to a student-centric model, implementing the OBE system, guiding instructors' strategies, adhering to Bloom's Taxonomy and offering courses tailored to students' interests adopting the Choice Based Credit System (CBCS) and career aspirations, using direct and indirect methods for assessment.

Dissemination of Learning Outcomes:

MGIT effectively communicates its learning outcomes and graduate attributes to stakeholders through various channels, including faculty meetings, student induction programs, alumni surveys, newsletters, and campus websites, while also provide information on the college's vision, mission, PEOs, POs, and PSOs.

Attainment Level calculation:

Under Autonomous System:

Direct Assessment

Attainment Levels:

Attainment Level 1: 51-60% of students scoring more than above average marks.

Attainment Level 2: 61-70% of students scoring more than above average marks.

Attainment Level 3: >70% of students scoring more than above average marks.

Course Outcome (CO) Attainment Measurement:

The attainment level for a course is determined by the average percentage of students achieving a preset target (typically 60% of max marks), calculated through Continuous Internal Evaluation (CIE):30 marks are allocated and Semester End Examination (SEE):70 marks are allocated, respectively, based on historical results.

Overall CO Attainment Formula:

Overall CO attainment level= $0.30 \times$ CO attainment level in CIE+ $0.70 \times$ CO attainment level in SEE

This process is repeated for each course throughout the academic years to compute Program Outcomes (POs).

PO Attainment:

The PO attainment level is calculated by taking the average of each PO from all the courses.

Remedial Actions: If any PO does not meet the target attainment level, corrective steps are taken to ensure that future cohorts achieve the desired outcomes.

20.Distance education/online education:

During COVID-19 and natural calamities, MGIT quickly adapted to the changing scenario by shifting to online mode from offline mode of teaching using various platforms like Google Meet, Teams, Webex etc. MGIT has 100 user Licensed Webex Platform which is used during such situation.

The NEP 2020 has a special focus on online and distance education. It also focuses on creation of public digital and interoperable infrastructure that can be utilised by multiple platforms. As per NEP 2020 emphasis, MGIT is in full swing with the creation of virtual labs wherein students can practice their theoretical knowledge and make course content available in different languages along with setting up a dedicated unit for promotion of digital learning thereby giving more emphasis to online assessment and examinations. The present age is driven by digital technology and whole globe come under the influence of internet and World Wide Web. The internet equipped both the education seeker as well as education provider and laid them together under the virtual roof. Due to which the concept of virtual classroom is already popularized across the globe. Therefore, in the modern era, the role of online technology in providing the education is vital and with its flexible nature the online educational technology has gained popularity. The online education is now more accessible to the less privileged groups in comparison to the centralized classroom education system.

COVID-19 pandemic and the relevance of online education:

With the imposition of lockdown due to spread of coronavirus all over the country since March, 2020, attending online classes has become the 'new normal' and have taken centre stage in students' life now. This 'new normal' is a transformed concept of education with online learning at the core of this transformation. During this, MGIT geared up and conducted online classes and allowed students to attend classes from any location of their choice while it reached out to an extensive network of students, instead of being

restricted by geographical boundaries. Students were able to clarify their doubts through live chats or forums by staying at the comfort and safety of their home.

Extended Profile

1.Programme

1.1 16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3637

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 917

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 2666

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 233

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	228
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	228
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	377
4.2 Total number of Classrooms and Seminar halls	71
4.3 Total number of computers on campus for academic purposes	1246
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1017.88
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
MGIT, a leading self-financing Engineering College in Telangana affiliated to JNTUH, boasts accreditation for eight UG programs by NAAC-New Delhi and six by NBA. It adopted Outcome-Based Education (OBE) for UG & PG programs, aligning learner outcomes with	

institutional and departmental visions. Accredited with an 'A' grade by NAAC in 2018, MGIT introduced three UG programs in Emerging Technology and offers five PG programs. Following JNTUH regulations, it transitioned to autonomous status in AY 2021-22 for ten years, crafting curricula under MR21 regulations in line with AICTE guidelines and stakeholders' feedback.

Graduate Attributes are integrated as Program Outcomes, ensuring domain-specific knowledge and skills alignment through Program Specific Outcomes and Course Outcomes mapping. Under MR21 regulations, Finishing Schools enhance students' employability from the 3rd Semester onwards, emphasizing language, communication, and soft skills. Adopting MR22 regulations from AY 2022-23 per NEP 2020 and AICTE guidelines, MGIT introduced Python Programming Laboratory and tailored Professional Elective courses to meet industry needs, fostering skill development and lifelong learning opportunities.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

801

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

235

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

MGIT prioritizes holistic student development by integrating courses on Human Values and Professional Ethics, Environmental Studies, and

Gender Sensitization into its curriculum under both affiliation and autonomous modes. These courses aim to foster ethical, social, and environmental awareness among students. Human Values and Professional Ethics courses provide students with a comprehensive understanding of moral and ethical values, emphasizing trustful and socially responsible behavior. MGIT conducts various programs such as Blood Donation Camps and Swachh Bharat initiatives to instill these values in students, promoting active participation in societal welfare. Environmental Studies is mandatory across all UG programs, covering topics like renewable energy, ecosystem conservation, pollution, and environmental issues. Open elective courses like Disaster Preparedness and Energy Efficient Buildings enhance students' knowledge on disaster management and sustainable practices, emphasizing the role of technology in mitigation efforts. Courses on environmental impact assessment, solid waste management, and non-conventional energy sources further enrich students' understanding of environmental sustainability. MGIT encourages student involvement in initiatives like Haritha Haram and Swachh Bharat Abhiyan, alongside organizing guest lectures and celebrations like International Women's Day to promote gender equality and sensitivity. An exclusive committee addresses gender equality issues, fostering a supportive and inclusive campus environment.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

41

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

550

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2151

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://mgit.ac.in/wp-content/uploads/2023/08/1.4.1-Filled-Forms-with-analysis-and-Action-Taken-Report.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://mgit.ac.in/wp-content/uploads/2023/08/1.4.2-Filled-Forms-with-analysis-and-Action-Taken-Report.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

939

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

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

596

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

MGIT understands students' diverse learning needs who come from various socio-economic backgrounds. If students are admitted via common-entrance-examination, it is crucial to cater student's learning level, design student-centric approaches, address individual requirements.

Identification Strategy of Slow Learners: • In I year, students are evaluated based on Intermediate/10+2 scores and TSEAMCET entrance

exam rank. By II year, performance is assessed from previous semester's Semester End Examination (SEE) and Continuous Internal Evaluation (CIE), observing students scoring less than 60% in both CIE and SEE. Class attendance is considered. In III & IV years, exam performance is crucial, especially those scoring less than 60%, but the emphasis also shifts to evaluating career-oriented aptitudes. Intelligence and aptitude tests, communication skills/group discussions/presentation abilities are employed to identify slow learners. Support Policy for Slow Learners:

- Personalized Mentoring and Counselling: Gains insight into student's strengths and weaknesses. Mentor-to-mentee ratio is 1:20.
- Remedial Classes and Tutorials: Offered in different modes assisting students with challenging subjects.
- Parent Teacher Meeting: Informs parents about student's academic progress.
- Strategic Project Grouping: Slow learners are paired with advanced learners for collaborative learning.
- Language Proficiency Enhancement: Computerized learning lab enhancing language skills of rural students.

Identifying Advanced Learners:

Advanced learners are identified through: they must achieve >60% in both CIE and SEE during university examinations, their academic skill is further showcased through participation in professional activities/symposiums/competitive exams/certification courses/paper presentations, and engagement in cultural, extra-curricular, and research competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
08/07/2022	3637	228

File Description	Documents
Upload any additional information	View File

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:

MGIT, a leading educational institution, is devoted to delivering top-notch technical education. It blends diverse teaching methods for an enriched and dynamic learning experience, utilizing technology for interactive and student-focused education.

Experiential Learning Methodologies: • Industrial

Internships/Visits: MGIT encourages internships and industrial visits, providing students a glimpse into real-world operations. •

Practical Learning: Core to MGIT's curriculum are hands-on labs, projects, and expos, emphasizing the practical application of theoretical concepts. • Utilization of Online Resources: Uses video lectures and online courses from platforms like NPTEL, MOOCs to provide diverse learning materials. It allows students to learn at their own pace and delve deeper into areas of interest.

Participative Learning Methodologies: •

Hackathons/Ideathons: Students are encouraged to participate in Ideathons and Hackathons conducted by reputed organizations to showcase their creative ideation and talent. • Promoting Academic Excellence: Journals, Conferences, and Patents: MGIT motivates students to present at conferences, contribute to journals, and innovate with potential patent-worthy ideas. • Professional Societies: Encourages memberships in professional bodies like IEEE/CSI/ISTE, etc., ensuring students remain industry-ready.

Problem-Solving Methodologies: Students are engaged in problem-solving activities to apply their knowledge to • Solve real world problems. • Course End Projects, Industry Oriented Mini Projects, and Major Projects • Open ended problems • Structured Enquiry • Group Assignments

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

MGIT, a leading educational institution, is devoted to delivering top-notch technical education. It blends diverse teaching methods for an enriched and dynamic learning experience, utilizing technology for interactive and student-focused education.

Use of ICT-Enabled Tools: • Learning Management System (LMS): Platforms like WINNOU for content dissemination and progress monitoring. • ICT-Based Teaching and Learning: Tools like Webex and Google Meet, alongside multimedia presentations, and virtual labs, enriching the learning environment. • Audio-Visual Center: This center focuses on enhancing language proficiency and decision-making skills using modern ICT tools. Additional Resources: • Faculty Resources: Faculty maintains blogs and websites, aiding students with additional materials. • Online Class Recordings: Recordings of online classes are available for students to review and revise at their convenience. o These can be accessed at: <https://mgit.ac.in/online-class-recordings/> • E-Resources: A broad spectrum of digital learning resources is available for students, accessible via <https://mgit.ac.in/e-resources/> • Collaborations and Partnerships: Collaborates with over 25 IT and ITES firms and partners with defence entities like DRDO and DRDL. These ties provide students with hands-on experiences, industrial visits, internships, and various projects. • 'Get Job Ready' - An AI-based JobReady portal: Our unique AI-based portal prepares students for the industry, simulating real-world problems and evaluating their skills and assessments can be submitted to the companies.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mgit.ac.in/wp-content/uploads/2023/08/agar22-23/2.3.2-ICT-Upload-any-additional-information_proofs.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

20

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

MGIT has been conferred with 10-year autonomous status by UGC, granting greater control over curriculum design, academic calendar process, and teaching methodologies. The institution must adhere to both autonomous and JNTUH university affiliations. The following procedure outlines the institution's preparation and adherence to the Academic Calendar and Teaching Plans: Under Autonomous System: Academic Calendar Preparation and Adherence: The institution started the academic calendar process in 2021-22 by requesting action plans from Department and Section Heads, which are approved by the Academic Council. After receiving the approval, a comprehensive Academic Calendar is then ratified by the Governing Body of the Institute. Prominent features and adherence mechanisms include: • The college calendar, prominently displayed on notice boards and the website, provides students with essential dates, exam schedules, preparation holidays, practical exams, submission deadlines, and vacation periods, enabling effective working days for semester planning. The institution follows an academic calendar, with department timetable in-charges coordinating workdays, curriculum coverage, examination dates, seminars, conferences, guest lectures, workshops, industrial visits, holidays, and festivals.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

226

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

88

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

15

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

17

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

25

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Processes integrating IT: MGIT utilizes Winnou (<https://mgit.winnou.net>) to monitor student academic records/attendance, accessible to students and parents. Fortnightly attendance is uploaded to the Affiliating University online (<http://registrations1.jntuh.ac.in/olrbtech>). An Aadhaar-based biometric system tracks student attendance, monitored by the university and Telangana Govt. via TSTS portal (<https://attendance.telangana.gov.in>). End-semester exam papers are received decrypted 30 minutes before the exam, encrypted using a university-provided password and OTP. BEEs software manages various tasks in the autonomous system: attendance finalization, exam registration, timetable mapping, hall ticket generation, OMR sheet printing, D-Form creation, result processing, and academic record maintenance. Continuous Internal Assessment System: Student academic performance is continuously assessed through two midterms and assignments. MR21 Regulation allocates 30 marks for CIE and 70 for SEE, while MR22 Regulation assigns 40 for CIE and 60 for SEE. R18 mandates two midterms and an assignment, totaling 25 marks. MR21 conducts CIE twice and assigns 20 marks, plus 5 for assignments and quizzes. MR22's CIE includes two midterms for 30 marks, with 10 allocated for CIE. For practical subjects there shall be a CIE during the semester for 40 marks and 60 marks for semester-end examination.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachersstudents and also among the stake holders. Program Outcomes and Course Outcomes are effectitively communicated and disiminated among the stake holders.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution periodically by the process of Academic Audit

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

761

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://mgit.ac.in/wp-content/uploads/2023/08/Student-Satisfaction-Survey-SSS-Report-AY-2022-23.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institute has a vibrant research community with various research projects in different departments and multi-disciplinary projects at the Institute level. Several research projects have been completed by the faculty and many research project proposals have already been submitted to granting bodies such as University Grants Commission (UGC), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Science & Engineering Research Board (SERB), Aeronautics Research and Development Board (ARDB), Telangana State Council of Science & Technology (TSCOST), & Technical Education Quality Improvement Programme (TEQIP). Based on the research facilities available in the Institute and different areas of research carried out and in-progress by the faculty of the Institute, our affiliating University, JNTUH also accorded Research Center/Center of Excellence to the following Departments: Computer Science and Engineering, Department of Electronics & Communications Engineering, Department of Electrical & Electronics Engineering & Mechanical Engineering.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://mgit.ac.in/wp-content/uploads/2023/08/3.1.1-Promotion-of-Research.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

11.76

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

32

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**5.44**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year**27**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/wp-content/uploads/2023/08/aqar22-23/3.2.2-aqar-Grant-letters.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**51**

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**07**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://mgit.ac.in/wp-content/uploads/2023/08/agar22-23/3.2.2-agar-Grant-letters.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institute has created a vibrant ecosystem for innovation and knowledge transfer through various initiatives such as the Entrepreneurship Development Cell (EDC), Idea Incubator Club, and the Institution's Innovation Council. The Entrepreneurship Development Cell, established in 2011 with the support from the AICTE, serves as a nurturing ground for budding entrepreneurs and innovators. Its main objective is to develop an entrepreneurial culture in the institute and foster techno-entrepreneurship for wealth and employment generation and cultivates their latent qualities. The Idea Incubator Club provides a supportive environment for individuals with innovative ideas. It offers guidance, mentorship, and access to resources necessary to transform ideas into viable products or services. It helps students develop their leadership, entrepreneurship, and research skills, enabling them to excel in their careers. The institution has also implemented the Ministry of Education's Institution's Innovation Council, which promotes innovation and knowledge transfer through workshops, seminars, and hackathons. These events bring together students, faculty, and industry professionals and foster creativity, encourage interdisciplinary collaboration, and explore emerging technologies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

12

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	https://mgit.ac.in/research-development/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

158

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

26

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/3.4.4.1-List-of-books-chapters-2022-23.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

400

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

12

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****18.13**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**0**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities**3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year**

MGIT is conscious of its role in campus connection, wellbeing of its neighbourhood and has initiated a number of extension and outreach programs for community development under NSS, UBA, collaborating with Government and Non-Government organizations. The Institute is committed to the participation of its staff and students in various

social and charity activities with consistent encouragement and motivation. Institute has been receiving a grant of Rs 22,500/- and 22,000/- per year from NSS Cell - JNTUH towards conducting special camps and regular programs respectively. MGIT has been registered as a Participant Institution (PI) under Unnat Bharat Abhiyan (UBA - MHRD) in 2019 and adopted five neighbouring villages: Janwada, Mirjaguda, Maharajpet, Gopularam, Donthanpalli - Ranga Reddy district. It has received a grant of Rs 50,000/-for organizing the programs in rural areas under the scheme. Case Study -1: NSS Special Camps in the villages. Case Study -2: Outreach programs during Covid'19 Case Study - 3 : Household Surveys under UBA Scheme Case Study - 4 : Water, Sanitation and Hygiene program in collaboration with MGNCRE -UNICEF.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

17

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

4046

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

11

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

11

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

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

b. ICT - enabled facilities such as smart class, LMS etc.

c. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

a) Teaching Learning:- The institute is will equipped with 65 classrooms, 72 labs, 4 drawing halls and 5 seminar halls with state of the art projectors, screens and whiteboards, to impart the knowledge and the technical skills to the students, empowering them to solve the real world problems.

b) Each classroom is equipped with LCD projectors and internet connectivity to enhance day to day learning of students. MGIT has a rich collection of video recordings of lectures of faculty that are made available to students. MGIT digital library is available to students and faculty for 24/7. Smart classrooms are supported for innovative and interactive teaching learning process. LMS software and winnow are widely used in the campus by students, parents, and staff to monitor the student's attendance, internal and external assessment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/aqar/4.1.1-aqar-MainIndex-Weblinks.pdf

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

The Institute has a well-equipped indoor and outdoor stadium to meet the students' cultural and sports needs. Indoor and outdoor sports facilities like Gymnasium, Auditorium, Grounds, Yoga center, NSS office and Cultural clubs are used for students' co-curricular and extra-curricular activities. These activities help the students to develop and hone their physical, kinematics and psychological skill set, team playing, communications and societal responsibility.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/agar/4.1.2-agar-MainIndex-Weblinks.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

70

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

417.17

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Library as a Learning Resource MGIT's Central Library spans 577 sq. meters, catering to general, academic, and research needs of staff and students. It serves as a hub for information, housing a diverse range of resources including textbooks, reference books, eBooks, journals, magazines, e-journals, subject materials like PPTs and animations, project reports, tutorials, question papers, and NPTEL video lessons. The library employs user-friendly Integrated Library Management System (ILMS) software, NewGenLib. IT facilitates access

to a wealth of information across various engineering and allied subjects, fostering a continuous learning environment. IT offers an optimal setting for academic study, supporting the intellectual growth of its users.

Library Automation Since 2007, the Library has been fully automated using the NewGenLib Integrated Library Management Software, which seamlessly integrates all necessary functional modules. These modules include: • Acquisition • Technical Processing • Circulation • Serials Management • Reports • OPAC • Administration ILMS Features • Web based functional modules • Browser friendly software - easily extensible to support regional languages. • Automated e-mail/SMS integrated into different functions of the software • Barcoded books to facilitate easy and quick transactions. • Supports Android Mobile Phones and Tablets.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/agar/4.2.1-agar-ILMS-2022-23

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

39.13

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

283

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution frequently updates its IT facilities and provides sufficient bandwidth for Internet Connection.

The Institute frequently updates its IT facilities. Over the last five years, the computing facilities for the stakeholders have been raised by 33%. Similarly networking capacity is raised by 348%. Also each classroom and lab is provided with LCD Projectors for better interactive teaching learning methodology. Academic progress of students is monitored through winnou software. winnou platform helps the students, teachers and parents to monitor each student academic growth. Students' assignments, projects are checked for anti-plagiarism through Turnitin software.

To monitor financial information of college, employees and students, Tally licensed software is being used. The autonomous external exams processing is done by Bees Bet licensed software. NewGenlib software is used for issuing and returning the books in library. The online digital library is also provided to students and faculty to access the reputed national & international journals. Uninterrupted power supply is provided by 27 no. of 5/10 KVA UPS and 200 KVA Generators. Annual maintenance of Computers, Software, UPS are under Annual

Maintenance Contract. The day-to-day maintenance is carried out with the help of resident hardware technicians.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/4.3.1-13-agar-Internet-details.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3637	1246

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/4.3.4-agar-Video-conference-Room.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

485.90

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Based on the curriculum of Undergraduate and Postgraduate programs, the Department prepares budget proposals. After Administrative, Development & Purchase committee approval, Purchase & Store section procures the equipment. After entering into the central stock register, the equipment is distributed to various departments based on their needs. Day to day maintenance of equipment in the campus is carried out by technical staff of the Institute. Annual maintenance of Hardware equipment, software, UPS and Campus is given to AMC agencies.

Laboratories: Concerned Head of the department assigns lab in-charges, among the faculty. Lab in-charges are responsible for making proposals, procurement, recording, maintenance of the consumables and non-consumables, based on the report given by the technical supporting staff. They are also responsible for preparation and display of manuals, precautionary measures, do's and don'ts, list of experiments, stock registers and verification, maintenance of log books.

Library: Inventory of all textbooks, periodicals, journals, e-

content are made available in the college library. Barcode technology is being used to maintain the accession data. Every process is subjected to internal audit. Opinion of the faculty members is sought at regular intervals for the procurement of the content.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/agar22-23/4.4.2-agar-Additional-information.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1709

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

3597

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life

A. All of the above

Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://mgit.ac.in/wp-content/uploads/2023/08/5.1.3-Technical-Photos-AY2022-23.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

5665

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

348

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

146

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

113

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

27

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The active student council and student representation on academic and administrative bodies at MGIT underscore our commitment to fostering a collaborative and inclusive learning environment, empowering students to shape policies impacting their academic journey. MGIT's student council oversees various committees and technical chapters, including IEEE, IETE, ISTE, IEI, CSI, and SAE. These chapters organize workshops and projects, enhancing practical skills and industry exposure, fostering networking, and preparing students for successful careers.

The Student Affairs Committee (SAC), composed of academic achievers, facilitates communication between students and administration, organizing events like Nirvana and facilitating cultural and literacy clubs' activities. The Student Grievance Redressal Committee (SGRC) ensures impartial resolution of student concerns, with subcommittees addressing issues like mistreatment and canteen monitoring. The Anti-Ragging Committee (ARC) maintains a safe campus environment by monitoring and addressing incidents of ragging.

MGIT also boasts an Activities Committee organizing co-curricular and extracurricular events, and initiatives like the Women Development Cell promote gender equality and personal growth. Similarly, the OBC and Minority Cells ensure marginalized students' welfare and representation, fostering an inclusive campus atmosphere

through outreach and advocacy.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://mgit.ac.in/wp-content/uploads/2023/08/5.3.2-Student-committees.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

29

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Alumni Association-inception and activities:

The MGIT Alumni Association was established in 2005. The Association fosters robust connections through regular meetings both within and beyond the Institute's confines. Alumni from diverse Engineering Departments actively engage in guiding undergraduates towards promising career trajectories. Faculty-appointed Alumni Coordinators oversee monthly gatherings to monitor alumni activities, encouraging student-alumni interactions. Notably, the association has orchestrated eight Institute-wide alumni events and frequent department-level interactions, enriching networking opportunities.

These endeavors have yielded remarkable alumni achievements, showcasing leadership, communication, and organizational prowess nurtured during their undergraduate tenure. Some alumni have brought distinction to the Institute through national contributions, while others have embarked on successful entrepreneurial ventures, offering employment to current students.

Exclusive Alumni Portal:

The association's commitment extends to digital platforms, with dedicated student committees diligently maintaining departmental alumni databases. These efforts facilitate alumni engagement in organizing diverse events and workshops while fostering mentorship opportunities. Through the exclusive Alumni Portal, registered members receive regular updates, enhancing connectivity and resource accessibility.

In essence, the Association's proactive engagement ensures its evolution into a vibrant network. As the Institute commemorates its Silver Jubilee, the association extends gratitude to alumni for their steadfast support and acknowledges the institute's administration for their unwavering backing.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Mahatma Gandhi Institute of Technology (MGIT) is a self-financing co-educational private engineering college in Hyderabad. It is managed by the Chaitanya Bharathi Educational Society (CBES) and follows guidelines from UGC, AICTE, Telangana Government, and its affiliating university, JNTUH.

Vision and Mission:

Vision: MGIT envisions, inspires and motivates its students to imbibe knowledge with which they can excel and serve the nation with great elan'. To nurture students into disciplined young citizens of impeccable character, coupled with hands - on training and to

make them readily employable by fostering social, cultural and environmental consciousness.

Mission: The Mission of MGIT is to strive towards the development and dissemination of knowledge in many diversified academic and professional fields. It aims to reach the pinnacle of technical excellence while pursuing quality improvement continuously. Also, its mission is to train manpower with a capacity to take-up policy formulation and decision making responsibilities in terms of resource management.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/wp-content/uploads/2023/08/aqar22-23/6.1.1-aqar-the-institutional-governance-and-leadership.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Mahatma Gandhi Institute of Technology (MGIT) is a self-financing co-educational private engineering college in Hyderabad. It is managed by the Chaitanya Bharathi Educational Society (CBES) and follows guidelines from UGC, AICTE, Telangana Government, and its affiliating university, JNTUH.

Decentralization and Participation in Institutional Governance:

MGIT advocates decentralized and participatory governance, placing a strong emphasis on collaborative administration involving all stakeholders. Leveraging the expertise of its staff, the institution entrusts various administrative responsibilities to individuals across levels. This participatory approach extends to students who engage in institutional governance through representative roles on academic and administrative bodies and committees. This hierarchical structure is instrumental in effective delegation of responsibilities, ensuring the institution's seamless operation.

Organization Chart:

Committed to transparency, excellence, participatory leadership, and hierarchical delegation, MGIT follows a structured governance model that optimizes management. This inclusive organogram, designed to

involve all stakeholders, particularly students, ensures an efficient administrative framework. MGIT is devoted to the National Education Policy 2020 and holistic education, fostering collaboration between faculty and students for continuous improvement and global readiness.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/wp-content/uploads/2023/08/aqar22-23/6.1.2-aqar-the-institutional-governance-and-leadership.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Mahatma Gandhi Institute of Technology (MGIT), Hyderabad is a distinguished institute established under the aegis of the Chaitanya Bharathi Educational Society (CBES), in 1997. The Board of Governors, with experts from various fields, including officials, educators, and industrialists, shapes the institute's growth rooted in core values, exemplifying its distinguished stature within education.

The institute's strategic blueprint, meticulously crafted, revolves around upholding stringent academic benchmarks, integrating teaching methodologies congruent with industry requisites, and nurturing research ventures spanning private and public sector engineering and consultancy domains.

MGIT's core commitment lies in providing exceptional education. Its holistic pedagogy integrates scholastic, co-curricular, and extra-curricular activities, fostering social, cultural, and intellectual growth. This cultivates versatile, ethics-driven individuals prepared for prosperous careers. Associations, clubs, and societies facilitate captivating co-curricular events, enriching student experiences.

Over two decades, stakeholders' unwavering commitment drove MGIT's leadership in technical education. It offers cutting-edge labs,

extensive libraries, sports amenities, and co-curricular provisions, earning global recognition for academic excellence and industry impact.

The institute's remarkable growth reflects unwavering stakeholder commitment in governance and operations. A meticulously structured administrative and academic framework ensures strategic plan realization, relentless excellence pursuit, and core value adherence under defined governance policies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Administrative Setup: The institute's management is thoughtfully designed to prioritize transparency, yielding optimal outcomes. A hierarchical framework is established, delineating roles, responsibilities, accountability, and levels of authority.

Organizational Structure: Transparency, excellence, participative leadership, and delegated authority are pivotal tenets of the organization's values. An intricately designed governance and management organogram prioritizes stakeholder involvement, with a special focus on students, facilitating a resilient administrative framework.

Roles of Key Institutional Bodies: The management periodically evaluates the institute's developmental requisites, playing a pivotal role in designing, sanctioning, and executing quality policies and plans. The management oversees the institute transparently, actively engaging all stakeholders.

The Management extends necessary support for policy and planning, informed by needs analysis and stakeholder consultations. Feedback from students, alumni, industry partners, and professional bodies is consistently gathered and scrutinized, contributing to the realization of the institute's vision. The Principal, in consultation with department heads and faculty in charge, devises

policies and plans, subject to the governing body's approval.

File Description	Documents
Paste link to Organogram on the institution webpage	https://mgit.ac.in/organizational-structure/
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institute employs a Performance-Based Appraisal System (PBAS) to evaluate teaching and non-teaching staff, providing insights into changing student needs. Faculty submit self-appraisal forms following guidelines, assessed yearly by department heads and the Principal. The final report, reviewed by the governing body chairman, remains confidential. For teaching staff, PBAS includes four components: Feedback System, Academic Performance Indicators, Co-Curricular and Professional Development Activities, and Research Contributions. Non-teaching staff undergo appraisal alongside promotions and receive periodic training in areas like computer skills and language empowerment.

Welfare measures for staff include adherence to 7th UGC Pay Scales, health and accidental insurance, GSLIS, gratuity, ESI, EPF, residential quarters based on availability, subsidized transport,

canteen facilities, purified drinking water, access to health centres, maternity leave, support for higher studies, COVID-19 vaccination drives, and capability development mechanisms. Career development avenues include annual workshops, initiation and training programs for new recruits, tailored training programs, and seed funding for research projects. Additionally, the institution fosters overseas collaborations and offers various training programs covering stress management, computer skills, and motivation.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

144

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

12

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

126

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Mahatma Gandhi Institute of Technology is a self-finance institute, where the funds generated through collection of "Tuition Fee" is the main source of Institute's income. Deficit is managed by taking advance from the parent trust. These funds are utilized for all recurring and non-recurring expenditure. • The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development. • Institute's budget is authorized by the principal every year taking the recurring and non-recurring expenditure into consideration after the approval of the Management. Accordingly, all the administrative and academic heads prepare and submit the annual budget required for the subsequent financial year. Apart from this, coordinators of the functional units viz. academic and examination section, training and placement section, NSS, research and development cell etc. also submit their budget to the principal. All the major financial decisions are taken by the institute's management committee/ governing body. All the major financial transactions are analyzed and verified by the governing body under different heads like • Equipment and Consumables

- Research and Development
- Training and Placements
- Software and Internet services

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1.7

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The Institute's financial audit is carried out by two types of Auditors. 1. Internal Auditors. 2. External/statutory Auditors.

As the Institution is self-financed, the funds will be accumulated in terms of the following: 1. Grant from government, local authority or governing bodies. 2. Admission fees, Tuition fees etc. 3. Fines and Penalties. 4. Rental income etc.

Records are verified by Auditor in Educational Institutions: To verify and validate the various funds received, the auditor may examine the following books pertaining to accounts. 1. Minutes of the managing committee. 2. Students' fee Register. 3. Cash Book and counterfoils of receipts for fees, caution deposit, fine etc. 4. Rental and Lease agreements. 5. Correspondence and other documents related to legacies, grants etc.

Role of an Auditor in Educational Institutions: While examining the above records, the auditor ensures the following: 1. Auditor shall evaluate and confirm the effectiveness of internal check system of accounting the receipts. 2. Auditor also ensures that the fees received in advance and fees receivable are properly accounted and irrecoverable fees are written off under the authorization of a competent authority.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

At MGIT, education centers on the student, emphasizing methods that encourage hands-on learning. The institute's approaches have nurtured essential skills like critical thinking, creativity, and a scientific temper in students. With the support of technology and excellent teaching, these strategies, overseen by the Internal Quality Assurance Cell (IQAC), highlight interactive, collaborative, and self-directed learning, assuring a student-centered education. The institute disseminates academic schedules, teaching outlines, class plans, and assessment methods, matching them with program and institutional objectives. Students are motivated to take part in project-centered learning, creating case studies, and simulating real-world technical situations with advanced software tools. Both faculty and students undertake certification programs on platforms such as Coursera, NPTEL/MOOCs, and utilize Virtual Labs to hands-on explore state-of-the-art technologies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Practice-1: Implementation of Pedagogical Initiatives and Various Instructional Methods MGIT's IQAC enhances education quality through pedagogical initiatives and instructional methods, ensuring high standards. ? Structured academic calendars incorporate diverse activities like seminars and internships. ? Experiential learning

fosters critical thinking through group discussions and case studies. ? Robust evaluation methods include continuous assessment and outcome-based education aligned with industry needs. The IQAC monitors student performance and employs e-software tools for result analysis, providing transparency and support for struggling students. Practice-2: Curriculum Development/Innovative Teaching-Learning Practices/Internships MGIT's IQAC ensures educational excellence by overseeing curriculum development, faculty training, and student-centric activities. ? It aligns curricula with emerging technologies, encourages faculty participation in development programs ? Fosters activity-based learning for practical skill application. Units like the Training and Placement Office and the Innovation and Incubation Cell enhance employability skills and bridge academia-industry gaps. ? MGIT's research commitment is evident in its support for in-house projects. Overall, MGIT's proactive approach, facilitated by IQAC, prepares students for academic and industry achievements, emphasizing continual improvement in teaching, learning, and curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://mgit.ac.in/accreditation/igac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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 year

MGIT is championing gender equity and inclusivity through a comprehensive array of initiatives. These efforts encompass every aspect of the institution, fostering an environment where individuals thrive irrespective of gender.

Inclusive Curriculum: MGIT integrates gender sensitization through a mandatory 2-hour lab session, utilizing interactive methods to educate students on gender-related issues and challenge traditional norms. **Gender-inclusive Facilities:** Gender-neutral staff rooms, unbiased recruitment, and equitable duty allocation highlight MGIT's commitment to fairness, with 44% of faculty being women. **Women in Leadership:** Mentorship programs support women in leadership roles, exemplified by key positions held by women across departments. **Zero Tolerance for Gender-based Violence:** Strong prevention measures, including counselling services and confidential reporting, underscore MGIT's stance against gender-based violence. **Gender Pay Equity:** Regular assessments ensure fair compensation based on merit, eradicating gender disparities in pay. **Gender Equity Task Force:** This group oversees initiatives and suggests improvements, reinforcing MGIT's dedication to gender equity. In all endeavors, MGIT is steadfast in its pursuit of gender equality, affirming it as a fundamental human right.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

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

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institute employs efficient solid waste management practices to maintain cleanliness, sustainability, and reduce environmental impact. Waste segregation is promoted, with dedicated bins across 20 locations facilitating proper disposal, including composting canteen waste. Single-use plastic reduction efforts include awareness campaigns and promoting reusable and biodegradable alternatives. Dry recyclable waste is sent to designated facilities, significantly reducing CO2 emissions. Awareness programs and green events further educate on waste management and plantation. Liquid waste is recycled for sanitation and gardening, with water-saving measures in place. Biomedical waste is disposed of safely, and e-waste is managed by maximizing electronics lifespan and recycling through licensed facilities. Hazardous chemicals are neutralized and disposed of properly, with no radioactive waste generated on campus. MGIT holds certification as a recognized SES REC institution.

Item

Link

Relevant documents like agreements/MoUs with Government and other approved agencies

7.1.3- Relevant documents like agreements/MoUs with Government and other approved agencies.pdf

Geo-tagged photographs of the facilities

7.1.3 - Geotagged photographs.docx

Any other relevant information

7.1.3 Any other relevant information.pdf

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy undertaken by the institution

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of</p>	<p>A. Any 4 or all of the above</p>
--	--

reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

MGIT fosters an inclusive environment, promoting the well-being of all staff and students regardless of their background. With a diverse community, it ensures equal opportunities and facilities for academic and holistic development. Students engage passionately in academic discourse and participate in various activities, including cultural and technical events like "NIRVANA" and programs organized by NSS, UBA, and student clubs. Special days and festivals cultivate values of respect, empathy, and service. Alumni remain involved, contributing to the institution's progress. Safety, particularly for female students, is prioritized through committees addressing gender sensitization and social issues. MGIT aims to create a nurturing environment where students thrive intellectually and personally, emphasizing inclusivity and social responsibility. Various committees, such as the Women Development Cell, Anti-Ragging Committee, Disciplinary Committee, NSS-Unit, SC-ST welfare committee, BC - Welfare committee, Students welfare committee etc., have been established to take care of different aspects of gender sensitization, social issues, community welfare, ecological concerns, interpersonal relationships, peer relationships and other relevant topics. Overall, MGIT strives to be a vibrant and nurturing educational institution that empowers students to excel academically and in personal life while fostering a spirit of inclusivity and social responsibility that can be witnessed with the achievements of its alumni of different background nationally and internationally.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
<p>7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:</p> <p>At MGIT, our commitment to holistic education is evident in our approach to sensitizing students and employees about their constitutional obligations, values, rights, duties, and responsibilities as citizens of India.</p> <p>Curriculum Integration: The sensitization process begins within the classroom itself. Two mandatory courses, "Constitution of India" and "Professional Practice, Law and Ethics," are taught at the undergraduate level across engineering disciplines, ensuring students develop a social conscience and deeper awareness of constitutional principles.</p> <p>Extra-Curricular Engagement: We engage students and employees in activities such as National Voters Day, Constitution Day, and Independence Day celebrations to reinforce constitutional values. These platforms allow immersion in our constitutional ethos and appreciation of its role in shaping society.</p> <p>A Holistic Approach: Sensitization at MGIT is an on-going, integrated process fostering inclusivity, social responsibility, and civic consciousness. By infusing constitutional values into academic and extracurricular life, we nurture individuals who are technically proficient and ethically sensible.</p> <p>In conclusion, sensitization to constitutional obligations is fundamental at MGIT, empowering students with knowledge and empathy to uphold constitutional principles and contribute to society's growth.</p>	
File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

<p>7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized</p>	<p>A. All of the above</p>
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File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

In MGIT, celebrating and organizing national and international commemorative days, events, and festivals is vital for fostering a vibrant and inclusive campus culture. These occasions provide opportunities for students, faculty, and staff to engage with diverse cultural, social, and historical perspectives, enriching their educational experience.

MGIT often commemorate significant national events such as Independence Day, Republic Day, and Constitution Day, reinforcing patriotism and civic responsibility among students. International observances like International Women's Day, Earth Day, and World Health Day promote global awareness and solidarity.

Furthermore, MGIT frequently organize festivals celebrating cultural diversity, creating spaces for cross-cultural exchange and understanding. These events contribute to the creation of a welcoming and inclusive environment where students from various backgrounds feel valued and respected.

By actively participating in these commemorations and festivities, MGIT demonstrate their commitment to promoting cultural diversity, social cohesion, and global citizenship. Moreover, they provide platforms for dialogue, collaboration, and mutual learning, preparing students to thrive in an interconnected world.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1. Title of the Practice: Fostering Innovation through Industry-Institute Collaborations. 2. Objectives of the Practice: • Develop industry-aligned curriculum. • Offer practical training and internships for employment. • Empower student entrepreneurs through an Innovation Council. • Foster faculty-industry research collaborations for real-world problem-solving.

3. The Context:

MGIT emphasizes innovation via Industry-Institute Collaborations, aligning education with market needs and fostering practical skills. Initiatives including internships, custom curriculum, Entrepreneurship Programs, Innovation Council, and Idea Incubator Club nurture innovation, preparing students for the job market. The partnership with the University of Texas at Dallas, known for Cyber Security, Nano Science & Technology, highlights MGIT's commitment to industry-linked innovation, showcasing the academia-industry synergy that shapes students as future professionals.

File Description	Documents
Best practices in the Institutional website	https://mgit.ac.in/wp-content/uploads/2023/08/7.2.1-Best-Practice-I.pdf
Any other relevant information	https://mgit.ac.in/wp-content/uploads/2023/08/7.2.2-Best-Practice-II.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

MGIT is committed to fostering future leaders through high-quality education, hands-on learning, and student well-being. To meet the demands of the 21st century, it emphasizes critical thinking, empathy, and adaptability, offering various student-focused programs. Noteworthy qualities include:

NPTEL/MOOCs: Exceptional performance in NPTEL reflects its commitment to online learning resources.

Hackathon-Driven Innovations: Students achieve international recognition in hackathons, showcasing innovation and teamwork.

Academic Excellence: Students consistently achieve university gold medals, demonstrating academic prowess.

Technical Excellence: Through departmental fests, professional chapters, and centers of excellence, students showcase technical skills.

Rural Transformative Initiatives: UBA and NSS units engage with rural communities, addressing developmental needs.

Diversity: Cultural activities, games, and community engagement foster creativity, teamwork, and social responsibility.

Employability and Higher Studies: The institute provides excellent employment and higher studies opportunities, bridging academia and the professional world.

These qualities underscore MGIT's commitment to holistic education, preparing students for future challenges and leadership roles.

File Description	Documents
Appropriate link in the institutional website	https://mgit.ac.in/wp-content/uploads/2023/08/7.3-Appropriate-webpage-in-the-institutional-website.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- MGIT strives to impart skill-based quality education and promote research oriented knowledge for creating successful professionals, and endeavours to establish linkage with National and International organizations/agencies for career guidance.
- The College plans to organize regular capacity building workshops/training programmes for the teaching and nonteaching staff in order to upgrade and update to keep up with the current Standards. Special efforts shall be made to strengthen the Alumni Association and increase Alumni engagement in the College activities.
- The College also plans to organize training programmes for students on the emerging software and advanced technology.
- The main aim of the Institution is to provide holistic value based education and inculcate entrepreneurial abilities in students to face the challenges of corporate world.
- The College aims to obtain better NIRF Ranking and to Organize NAAC Sponsored National Level Seminar. An effort to collaborate initiatives of Industry-Academia and Alumni for development of Students to motivate and inspire the students.
- The main aim of the Institute is to enhance the quality of Education to make the students be Globally challenged. The Institute has to work in all aspects to meet the demands and challenges of the present day.