



YEARLY STATUS REPORT - 2021-2022

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 **04024193057**
- Alternate phone No. **9885210475**
- Mobile No. (Principal) **9381855173**
- Registered e-mail ID (Principal) **principal@mgit.ac.in**
- Address **Mahatma Gandhi Institute of Technology, Kokapet (Village and Gram Panchayat), Chaitanya Bharathi (P.O), Gandipet (Mandal) Ranga Reddy (District), HYDERABAD, Telangana**
- 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 **Urban**
- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. P. Ram Kishore Kumar Reddy**
- Phone No. **04024193057**
- 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/wp-content/uploads/2022/07/AOAR-2020-21-Report.pdf>

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/academic-calendar/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.14	2018	30/10/2018	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
Dr. Venkata Ramana Reddy Kalluru	Skill & Personality Development Program Centre	AICTE	22/02/2022	5,12,000
Dr.K.Sudhakar Reddy	The Centre for High Energy Systems and Sciences (CHESS)	DRDO	06/12/2019	9,60,000
Mr. G. Srinivas Reddy	Telangana State Council of Science & Technology (State Govt.) (DST)	Department of Science and Technology	21/03/2022	75,000
Dr. Archana Jain	Teachers Associateship for Research Excellence (TARE)	SCIENCE & ENGINEERING RESEARCH BOARD, Govt. of India	18/07/2022	2,65,000
Dr. M Vijayalakshmi	Grant-In-Aid Scheme	Aeronautical Research and Development Board	17/09/2020	38,31,000
Dr. S Santhi	Collaborative Research Scheme (CRS)	TEQIP-II	22/07/2019	2,90,000
Dr. K Ramanjaneyulu	Grant-In-Aid Scheme	Aeronautical Research and Development Board	02/01/2019	8,39,000

8. Provide details regarding the composition of the IQAC:

- 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**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**
- 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**

- If yes, mention the amount

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

Applications are submitted to NBA for the Accreditation in the month of April, 2022 for 8 UG programs

The IQAC have taken certain measures based on defined parameters of each framework to improve the ranks in NIRF Ranking and ARIIA Ranking

The IQAC are encouraged the students of each discipline to participate individually/group-wise at State, National level hackathon in multidisciplinary areas to develop innovation skills/start-ups

The IQAC encouraged the departments to conduct the conferences, workshops, seminars, guest lecturers in the engineering discipline by the resource persons from various reputed institutions in India and also plan MoUs to share their knowledge to our students

The IQAC approved the feedback formats from all the stake holders and implemented the same for the academic year 2021-22

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
The institution submitted the application for UGC autonomous status	UGC competent authority conferred autonomous status to MGIT affiliated to JNTUH on 01-09-2021 for a period of Ten(10) years from the session 2021-22 to 2030-31
Faculty are encouraged to publish their innovative research work in Peer reviewed, SCI /Scopus Indexed journals for the betterment of institute/staff	The faculty published around 230 papers in reputed journals for the assessment period and some of them carried out for the research work
To provide more infrastructural facilities for students	Laboratory facilities are developed for the students for the newly added courses in AY 2020-21
The feedback on curriculum to be collect from the various stakeholders students, employers, teaching staff, parents, and Alumni of the institute	The transparency in feedback collection is maintained and measures also taken to improve the quality of teaching time to time. Review on curriculum is place during BoS meeting
To organize the departmental level students interactions with alumni members on various technologies to fill the knowledge gap between the institute and industry	MGIT Alumni Association is a registered society with 3000 members. The institute has strong bond with the alumni members to share their experiences with the students
To maintain eco-friendly and pollution free campus through the best practices by N.S.S., N.C.C	The best practices like plantation, plastic eradication are followed by the students and staff, and organized several community service based activities by NSS unit of the Institute

13. Was the AQAR placed before the statutory body? No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	27/02/2023

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

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Name of the statutory body	Date of meeting(s)
Nil	27/02/2023
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
2022	02/02/2022
15. Multidisciplinary / interdisciplinary	
<p>The vision/plan of institution to transform itself into a holistic multidisciplinary institution:</p> <p>The institute 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 irreproachable character, coupled with hands - on training and to make them readily employable by fostering social, cultural, and environmental consciousness. The liberties each program has in choosing professional electives are made use of to transform MGIT into a holistic multidisciplinary institution.</p> <p>The Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations:</p> <p>MGIT has become autonomous for the AY 2021-22 for a period of ten years with effect from 01.09.2021. The integrated STEM learning may be achieved with systematic approach and it would be possible in the autonomous mode. The institution adopted the design based approach that helps to give students systematic problem solving and critical analytic thinking and skills. In Integrated STEM learning, while designing the curriculum of each program, the importance has given to Humanities & Social Science (HSS) and Basic Sciences Courses (BSC) with appropriate weightage as per the AICTE model curriculum and UGC guidelines.</p> <p>The institution offer flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and</p>	

value-based towards the attainment of a holistic and multidisciplinary education:

To the greatest degree possible, the freedoms each programme has in selecting professional, open electives and MOOCs are used to offer courses that can benefit students. The various courses might be made available as professional electives to encourage student involvement in the community and environmental awareness. The courses in open electives deemed to provide environmental awareness and value-based education to make the students work in multidisciplinary areas.

The institutional plan for offering a multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education while maintaining the rigor of learning:

The flexibility in program curriculum designed at institution permitted the students admission into 2nd year B.Tech for Diploma students. The courses in each program are designed and the various academic activities like seminars, guest lectures, and workshops will be planned for them based on the courses. The students of B.Tech V-Sem can opt for B.Tech with Minor program which focuses on the fundamental principles of multiple Engineering disciplines, critical & analytical thinking and the ability to develop a distinctive approach to the interdisciplinary problems.

The institutional plans to engage in more multidisciplinary research endeavours to find solutions to society's most pressing issues and challenges:

The institution had undertaken 8 MoUs, organized 11 workshops, and 7 ongoing research projects in various disciplines and efforts were made to submit new proposals in the field of multidisciplinary research areas in the prospective of teaching-learning process. The students are being offered Industry Oriented Mini Project/Internships, major projects to give solution to some of the society's pressing and challenging issues addressed in the research endeavors.

Good practice/s of the institution to promote Multidisciplinary / interdisciplinary approach in view of NEP 2020:

The institute established Idea Incubator Club for the students, to promote Multidisciplinary / interdisciplinary approach. The

mission of the club is to work on NextGen Projects, collaborate with professionals and companies to enrich research skills, develop an entrepreneurial mindset with professional skills to stand out of the crowd as gems of MGIT and revered researchers of the nation at large.

16.Academic bank of credits (ABC):

Academic Bank of Credit (ABC) is a flexible digital platform for students to store their academic credits earned from various recognized Higher Educational Institutions (HEIs). UGC has brought ABC to provide students of undergraduate and postgraduate degree courses with more flexibility, mobility, and freedom. It stores the academic credits earned by students from various recognized Higher Educational Institutions so that degrees can be awarded by considering the credits earned and stored in the ABC platform.

The organisation developed its curriculum in accordance with ABC and its teaching, learning, evaluation, and assessment procedures. The workshops are going to plan in the coming days for the students and faculty to reach the benefits stakeholders. The various constitution committees at institute level working on this rigorously.

17.Skill development:

The Institute is a platform to provide training/learning opportunities for the students to bring their holistic development and also to prepare them for the campus placement. This provides worthy services in helping the students with soft skills viz. communication skills, problem solving skills, leadership skills and other personality development skills which enable them to develop skills required to cater the needs of competitive world. This also organizes programmes such as Seminars on Personality Development, Interpersonal relationship, and Communication Skills etc for improving the latent skills of the student. The prime focus is to synthesize soft skills, English language skills and inculcate effective communication skills in students with intrapersonal and interpersonal Skills among students.

The institution provides the computer with high end configuration, internet facility to serve the students better. The books on competitive exams (GRE, TOEFL, CAT, MAT, APTITUDE,

NET) on higher education, and on career opportunities are made available at the central library. The institution is designing the curriculum with focus on personality development skills to imbibe the universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills.

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

The information pertaining to NEP-2020 have been published among the faculty members by the Head of the Institution. The teaching and non teaching faculty was encouraged to attend yoga and meditation classes. The departments are conducting regular workshops on personality development and human values in collaboration with Ramakrishna Math, Hyderabad

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

MGIT has earned an autonomous status in the year 2021. To enhance the quality of teaching learning process of the Institution and to ensure the students gain best skills and knowledge during their study, the institution meticulously documents a record of the evaluation of the program learning outcomes and course learning outcomes. The autonomous status provides enough room for improving the flexibility of learning and ushering in innovation

The institutional initiatives to transform its curriculum towards Outcome based Education (OBE):

Outcome-based education (OBE) is education in which an emphasis is placed on a clearly articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have at the end of the program. OBE measures the skill and knowledge attained by the graduate through program outcomes, program specific outcomes.

For Engineering graduates twelve program outcomes are defined by the NBA. Program specific outcome are defined by the department taking into consideration department vision, mission alumni survey and feedback ,industrial needs and other stake holders views. Program outcomes are measured through course outcomes.

Course objectives and course learning outcomes with Bloom's Taxonomy for each Course are defined. Course outcomes are mapped with program outcomes and program specific outcomes at suitable

levels of Bloom's Taxonomy on a scale of 3. Course outcomes are attained through direct and indirect methods of attainment. Direct method includes internal and external marks obtained by the student for each course outcome. Indirect method is assessed by taking course end survey at the end of the course.

To measure the course outcome through direct method, questions in internal question papers and assignments are framed using Blooms levels and the questions are mapped to the course outcomes of each course. The course outcome in theory subjects is measured using the class average as threshold. The following Rubrics are used to measure the outcome at course level.

CO Attainment	Level
$x \geq 70$	3
$60 \leq x < 70$	2
$50 \leq x < 60$	1

Where x is the percentage of students scoring above the class average.

Attainment of PO's are arrived using attainment of the CO's. Program outcomes are attained with direct and indirect method. Direct assessment is calculated from the performance of students.

Indirect attainment is taken from the feedback of students, employer and parent on a scale of 3 which is given in table 3.1.1.1. Proportion of 80:20 is adopted for the direct and indirect attainment of PO's to arrive at final PO.

S. No.	Method of attainment	Category
1	PO/PSO feedback of respective pass out Students (60%)	Indirect Assessment (20%)
2	PO/PSO feedback of respective parents (20%)	
3	PO/PSO feedback of Employers (20%)	

The outcome of the student is measured at program level by using direct and indirect method of attainment. Direct method contributes to 80% of the total attainment and indirect method contributes 20% of the total attainment.

The efforts made by the institution to capture the Outcome based education in teaching and learning practices:

To capture Outcome based education the following efforts are made

1. Preparing session-wise Course Lesson Planner before starting the course.
2. Prepare course outcomes of each course and map with program outcomes
3. Define pedagogical tools for course outcomes delivery.
4. Conduct field visits ,slip tests wherever required for better understanding of the course to attain the course outcomes
5. Fix Targets to be achieved for each course.
6. Prepare question papers, assignment papers with blooms levels to measure the course outcomes.
7. Evaluate the Course outcomes and Program Outcomes of each course using Excel tool prepared by the department.
8. Find Gap between the target and the program outcome of each course.
9. Propose and implement remedial measures to improve the outcome wherever target is not achieved.

Good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020:

1. Dissemination of knowledge of OBE to all the stake holders.
2. The course outcomes are drafted using the Bloom's Taxonomy action verbs.
3. The quality of internal question papers are enhanced through the use of Blooms action verbs
4. Departments have evolved their own computational tools to arrive at CO and PO attainments.

20.Distance education/online education:

A key asset for the education system's ability to provide an efficient outcome-based education system is the infrastructure

with ICT enabled tools. Every classroom equipped with LCD projectors with Wi-Fi facility in the campus to offer technological teaching-learning activities.

The English department of Mathematics and Humanities has well implemented the blended learning in both online and in person. Especially the course material and teaching of the gender sensitization is bilingual. Since the pandemic the department is following the online mode for practice. The faculty of management science is actively taking part in the development of entrepreneur cell for the students. Various programmes were organized by bringing eminent persons in various works of life to share their experiences with the students.

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

2.1 990

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 880

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 3775

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 Number of courses in all programmes during the year:	320
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	219
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	8
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	336
4.2 Total number of Classrooms and Seminar halls	72
4.3 Total number of computers on campus for academic purposes	1417
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	784.15166

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.

The current curriculum followed by the UG and PG programme is based on AICTE model curriculum for engineering discipline. The course structure from I Year to IV year accommodates courses from all streams viz., mathematics, humanities, and basic sciences including the parent discipline courses. The course structure is so designed that the courses taught in preceding semesters can become prerequisites for the courses successive semesters. All the courses provided in the course structure cover all aspects of engineering discipline including emerging areas as well. The core curricular contents are designed in such a manner that they would meet the present day industry sector and global needs. The students have an option to choose elective courses in the group of electives given in the curriculum. The faculty members make use of MOOCs/NPTEL Video Lectures for a specific course as a part of their teaching to deliver the contents effectively and efficiently. All the students are being informed about the Specific Outcomes of the Programme and the individual courses during the commencement of course instructions. At the conclusion of the course, the students are facilitated to assess the mapping of Course Outcomes with the Program Outcomes and Program Specific Outcomes.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://docs.google.com/document/d/1lqevVKznGNu7mXbeEAAgPfu7zmlCIhzd/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

21

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	No File Uploaded

1.2 - Academic Flexibility

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

24

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

In pursuance of, the integral development of human resource that will culminate in a better and just world, the curriculum adopted at MGIT aims at enhancing creativity, self-esteem and confidence among young Engineers. Also the cross curricular activities promote awareness of rights and responsibilities to help students grow into law abiding citizens, championing equality and sustainability for an inclusive growth of all sections of society.

The activities conducted and the courses offered along with their objectives and practical applications at UG and PG level are given in additional information

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

29

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	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**3361**

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**405**

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 **C. Any 2 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1eXBDqTvr-m6VPO9ujX3bfGRUY5qBi91s/view?usp=share_link
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 **C. Feedback collected and analysed**

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1PK8BcEdfjnDoyVG8kerD5uoSGCIzoZRx/view?usp=share_link
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

990

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)

863

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.

Mentoring and Assisting Slow Learners:

Identification Criteria Actions: On the basis of the Very less marks in internal exams, irregularity to the class and lab session, inactive involvement in the assigned works are the factors to identify the slow learners. After identifying the slow learners, the following activities are done to improve the performance of such students:

1. Counseling is given by the Expert counselor, Senior Faculty and mentor.
2. Students performances are intimated to their parents.
3. Makeup classes are being conducted after the regular class hours.
4. Courses in soft skill/ communication skill are conducted by the Career development cell
5. Tutorials are given for analytical courses and Discussions on important question and answers.

Advanced Learners:

Identification Criteria and Actions: On the basis of the marks in internal exams, active involvement in the assigned works, Intermediate Marks EAMCET/JEE rank holder, Semester toppers. After identifying the advance learners, the following activities are done to motivate such students:

1. Motivating them to continue self-learning by using MOOCs and NPTEL videos.
2. Encouraging to participate in technical or non-technical competitions.
3. Encouraging to participate in various Hackathons and R& D activities.
4. Assisting in participation and presentation in national and international conferences, seminars/workshops etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1eUZU03ohBCqKgLG9rAPQ503lmHzk3AG3/edit?usp=sharing&oid=102162107192408024905&rtpof=true&sd=true

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	3775	219

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:

For enhancing learning experiences, the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method etc. Some Student centric methods are given below:

Interactive methods: The faculty members make learning interactive with students by motivating student participation in subject quiz, Technical games, discussion, etc.

ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms and seminar hall with LCD projectors, Language Lab, etc. The institution adopts modern pedagogy to enhance teaching-learning process.

Experiential learning: Experimental/Laboratory method is used in most of the subjects to acquaint the students with the facts through direct experience individually through laboratories. Students verify the facts and laws of the subject with the help of experiments.

Student Seminars: The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience

Internship Program: This will enable the students to gain experience to carry out main project in the final year. In this practical course, each group consisting of three/four members is expected to design and develop practical solutions to real life problems related to industry, institutions and research.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://docs.google.com/document/d/1mpw8JB6Hr5cJaEJhTfSDawMyaOgN4_W/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

In order to be prepared for the workplace, students must now acquire and master the latest technology. In order to engage students in long-term learning, teachers are infusing technology with conventional modes of instruction. Information and communication technology (ICT) is used to assist, improve, and optimise the way that education is delivered. The Institute makes use of the following equipment:

ICT Tools:

1. Projectors- 9 projectors are available in different classrooms/labs
2. Desktops- Arranged at Computer Labs
3. Printers- They are installed at HOD office
4. Scanners- They are installed at HOD office
5. Seminar Rooms- One seminar hall equipped with all digital facilities
6. Online Classes through Google Meet, Google Classroom

Use of ICT By Faculty:

- A. PowerPoint presentations- Faculty are encouraged to use power-point presentations in their teaching by using LCD projectors.
- B. Industry Connect- Seminar hall is digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculty prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS, Kahoot, Quizzes etc.

D. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mgit.ac.in/ict/
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

219

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

Preparation and Adherence of Academic Calendar: The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, seminars, conferences, guest lectures, workshops and industrial visits holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic and business inputs.

Preparation and Adherence of Teaching Plan: The concern faculties

prepare teaching plan for their respective subjects of 45 to 60 hours. These 45 to 60 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions.

The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

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

9

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	No File Uploaded

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

91

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	No File Uploaded

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

219

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

86

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

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

During a semester, there shall be two mid-terms, each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper consists of ten questions multiple

choice, fill- in the blanks assertion and reason, matching type of questions and true or false statements for a total of 5 marks. The descriptive paper shall contain Part-A and Part-B. Part-A consists of three questions from each unit without choice for total of 06 marks. Part-B consists of one question from each unit with internal choice for total of 14 marks. Five marks are allocated for assignments. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 30 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/regulations-syllabus2/

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

Program Outcomes (POs) , program Specific Outcomes (PSOs) and course outcomes are communicated to the stake holders of the program by the following procedures.

- POs and PSOs are available in the Institute website (www.mgit.ac.in).
- POs and PSOs are kept in prominent locations of the campus for staff, students and public view.
- POs and PSOs are displayed in Department office, Laboratories and Department library.
- POs and PSOs are communicated to employers and Alumni by sending mail and during the Alumni Meeting.
- Vision and Mission of Institute and department are informed to the parents during Parent - Teacher Meeting.

Course Outcomes (COs) are framed are available in the curriculum as prescribed by the affiliating university. The same are discussed, if necessary, the COs are modified and reframed by the Department committee.

- COs are communicated to the students during the introduction class itself.
- COs along with lesson plan are printed and issued to the students during the first class.
- During the discussion of the course, the outcomes of the course are also focused. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://mgit.ac.in/regulations-syllabus2/

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

The process of attainment of COs, POs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom's Taxonomy. Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program.

Attainment Level calculation:

Direct Assessment:

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.

The CO attainment levels can be measured based on the results of

the internal assessment and external examination conducted by the university. This is a form of direct measurement of attainment. In the JNTUH University which the Institute is affiliated to, Internal marks are for 25 and External marks are for 75.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://docs.google.com/document/d/1mjPBFyeTRovm7hUzf6zxuM6ewghiY_cY/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

480

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	https://docs.google.com/spreadsheets/d/1s0CD3yBacPBmt08iFC_Yicvzds5ZkGcb/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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/2022/08/Student-Satisfaction-Survey-SSS-Report-AY-2021-22.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

MGIT has established a research and development centre to nurture and harness the talent of the students and faculty from various disciplines. The organization provides necessary facilities for promoting basic research and to catalyze the cross-fertilization of ideas with R&D agencies in other sectors for expanding and enriching the knowledge base in their respective areas. The institute provides support for collaborative or individual work related futuristic front line research having application in the new world class systems, which leads to major research.

In making our Vision and Mission a reality, Institution has taken the initiative to promote Research and Innovations of faculty and students and collaborate with industries for mutual benefit. The departments of EEE, ECE, CSE and Mechanical Engineering were recognized to provide guidance to research scholars. The institution has signed 8 functional MOUs for training the students and providing internships and project work in various departments.

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/research-development/
Any additional information	View File

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)

1.17395

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

1

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	No File Uploaded

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)

67.65

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

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

5

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/1yGVPxT1tLdIKwnqkluVF2Rln6J1VFLcz/view?usp=share_link
Any additional information	No File Uploaded

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.

Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. The sole objective of the Incubation

Centre is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects.

Workshops on emerging trends in Technology are held. Students are encouraged to gain hands on experience and better Industrial Exposure. Institution Innovation Council (IIC) organized various activities which gives real time exposure to the students and provide them a platform to showcase and implement their practical learning. It supports to prepare institute for NIRF Ranking and Atal Ranking of Institutions on Innovation Achievements Framework and also establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas. Through this cell Startup were initiated by the students for the latest innovations. The Smart India Hackathon is organized and cash prize will be provided by MHRD. College conducts coding contest and HACKTHONS through CII . College is having e-yantra Lab (initiated and supported by IIT Bombay).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1rd3sMr_ifdnBG4V0hAPZQajU3D8HT32f/view?usp=share_link

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

22

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

A. All of the above

**following: Research Advisory Committee
Ethics Committee Inclusion of Research
Ethics in the research methodology course
work Plagiarism check through
authenticated software**

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

11

File Description	Documents
URL to the research page on HEI website	https://drive.google.com/file/d/1wbCa-WT0ZCPEteMIjw8WhMzcuNeNVzg8/view?usp=share_link
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

208

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

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1WGdvDzD-Emlpb3RZJIID3sa61rNm9bW/view?usp=share_link

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

7

File Description	Documents
Any additional information	View File
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)

3.85860

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

NIL

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	No File Uploaded
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

The student volunteers visit neighboring localities and conduct various activities regularly. Extension activities in the neighborhood community have been taken up sensitizing the students to social issues and holistic development during 2021-2022. NSS Unit-MGIT organizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation.

The NSS unit has taken part in various initiatives like

1. Swachh Bharat initiatives
2. Blood donation camps
3. Awareness programs on prevention of plastic usage
4. Environmental pollution
5. National Youth Day
6. International Yoga Day
7. Rashtriya Ektha Diwas
8. Health Camps at adopted villages
9. Distribution of masks and sanitizers at adopted villages
10. Constitution Day

The NSS Unit-MGIT has conducted diversified activities in association with NGOs and Government organizations like Red Cross Society, Lions Club, Nehru Yuva Kendra, Primary Health center of GHMC, Hyderabad and Madhapur Zone Traffic Police. This joint venture

encourages and facilitates various extension programs and participation of the students to take up activities in collaboration with other agencies to spread awareness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1rfHDP-o_4w3YcDXEE1pobh3SOnbKGqoV/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

15

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)

35

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

946

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

65

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)

8

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	No File Uploaded

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 College encompasses a well maintained lush green campus spread over 30 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: All engineering disciplines encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The Department has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The seminar halls are regularly used for conducting national / international seminars at the college. The students are promoted for active involvement in paper presentations, group discussions, etc.

Tutorial rooms: Separate tutorial rooms are there for tutorial lecture, doubt clarification and special remedial classes for weak and needy students.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and AKTU norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning &

training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open source tools to cater the requirements of curriculum & industry enabled teaching.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/spreadsheets/d/1pQ1LJUOSOMOssJmIvtMInDXxgDF8lv-E/edit?usp=share_link&ouid=102162107192408024905&rtpof=true&sd=true

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

Details of facilities for cultural activities:

The competitive academic environment and co-curricular activities on campus keep the students on their toes. But everyone needs some time off, to relax and recharge. Cultural Clubs at MGIT are the best place for this. There are several cultural clubs in MGIT, they're a place for students to display their talents. It assists in spotting their talent. Competitions in dance, music, and other cultural events are among them.

Details of facilities for sports, games:

Games and Sports are not only important for success in the stadium but also for success in every walk of our lives. MGIT wishes that students perform the best in every field and hence provides its students with top class facilities for sports and games as well.

There is a great tradition for sports at MGIT. Students and teaching & non-teaching faculty participate in the many sports conducted at MGIT enthusiastically. There are many sporting events held at MGIT. These are EKALAVYA - Intercollegiate Sports Fest and NIRVANA Spots Festi. MGIT is a great place to grow your sporting talent or to acquire new skills.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1S9fT1-D-AipKzrzYCC3ho6BAnd4S0MpM/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

72

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)

309.66228

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)

Data Requirement for year: Upload a description of library with

- Name of the ILMS software
- Nature of automation (fully or partially)
- Version

- Year of Automation

MGIT established a spacious Central Library with an area of 577sq.mtrs. It started its function with a vision to serve the information needs of its users and to promote a continuous learning atmosphere with holding various Text Book, Reference Books, eBooks, Journals, Magazines, E-Journals, Subject PPT's, Subject Animations, Project Reports, Tutorials, Question Papers and NPTEL Video Lessons related to engineering and allied subjects. Central Library provides abundant information and intellectual requirements to the students and faculty with a user friendly approach. It offers a fully integrated and peaceful environment for conducting academic study.

Library Automation

Library is fully automated with NewGenLib Integrated Library Management Software since 2007. NewGenLib has all functional modules of library management completely implemented. It has the following modules.

- Acquisition
- Technical Processing
- Circulation
- Serials Management
- Reports
- OPAC
- Administration

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1WhiupvSIc_hnhIDBfvyk4ogU-3M-s6cljd/view?usp=share_link

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

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)

11.35389

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

125

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

Institute is having the Internet Capacity of 500MBPS to satisfy the needs of students and Faculty. Recently two servers has been purchased- Rack Server(Configuration- 128 GB RAM scalable up to 1.5 TB 3x1.2 Tb 12G SAS 10 K rpm SFF(2.5-inch)Hot pluggable. Antivirus Software Sophos (64bit) endpoint security is purchased. Web team has been constituted by Governing body in taking care of Institute website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/18KoLhYAE4owQSt9-hDav3O9yJ0vngf-o/view?usp=share_link

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3575	1417

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	View File

4.3.4 - Institution has facilities for e-content development: C. Any two of the above

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

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://docs.google.com/spreadsheets/d/1BIneOLHl_yNzu6-pwPxgjXbf073yN6bC/edit?usp=share_link&ouid=102162107192408024905&rtpof=true&sd=true
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)

19.20038

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.

Laboratories: Annual maintenance of existing equipment is carried out by the concerned Departments. Based on JNTUH syllabus revisions, if any new equipment to be added; Heads of the Departments proposes the details with quotations for approval by the D & P Committee of CBES. Often Departments add new equipment to meet the requirements of Consultancy and R & D activities in addition to academic requirements.

Library: All the Departments put up proposals for additional library facilities, in terms of reference books and text books. The proposals are normally approved by D & P Committee of CBES.

Sports Complex: College has Physical Director in the department of Physical Education. Every year inter collegiate games are conducted involving about 15 engineering colleges. In addition sports and games competitions are held every year on the occasion of college annual day. Prizes and certificates are awarded in the college annual day. Many boys and girls students participate in

the competitions. During the annual day celebrations NIRVANA, events for faculty will also be held along with students.

Computers: College maintains about 20% more than the AICTE norms for the availability of computers in the college. With the recent norms of AICTE and NBA requirements every Department has established computer centre and project lab for PG students. All the laboratories, faculty rooms, library have Internet facility. College maintains Wifi for entire campus.

Class Rooms: College has 66 class rooms, 78 laboratories, 7 seminar halls and one Auditorium of capacity 350. College has about 55 class rooms with LCD and OHP facility

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1bdBUERJr6NIVZCufizOIWGbAgJcbBSut/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

1681

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

44

File Description	Documents
Upload any additional information	No File Uploaded
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 Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology **A. All of the above**

File Description	Documents
Link to Institutional website	https://mgit.ac.in/cgc/
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

1800

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 **A. All of the above**

through appropriate committees

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	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year**

515

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

88

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**

298

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

57

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

There is Co-Curricular & Extra Curricular Activities committee for engaging students in various co-curricular and extracurricular activities for all-round development of the students, college organizes many co-curricular & extra-curricular activities in the campus and also encourages students to take part in inter collegiate and inter university competitions in addition to other activities sponsored by various organizations. The Co-Curricular & Extra-Curricular Activities committee encourage & ensure the participation of students in various activities.

Functions of Co-Curricular & Extra Curricular Activities committee:

1. To prepare the calendar for co-curricular & extra-curricular activities and obtain prior approval.
2. Plan to organize co-curricular & extra-curricular activities in the campus.
3. Make arrangements for the students to participate in off campus activities of international, national, state and local level competitions.
4. Prepare list of student participants and take prior approval from the Principal.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1-cDiSbhCMYVZnA2-mgfs07F6aXsiyp0g/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

3

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

The MGIT Alumni Association has been officially registered with the Registration number 211/2008 during February 2008. Since then, the Association has been involved in strengthening its activities through conducting periodic meetings in and outside the Institute. The Alumni of all disciplines of MGIT have been visiting the Institute and guiding the undergraduate students in carving their careers in a better way. Till to date, 8 Institute level Alumni meets have been organized and Department level Alumni interactions are being held periodically.

The Alumni Association is actively involving itself in meeting the students of the Institute and forming student committees. These committees would work towards enriching the database of the alumni of all the departments, tracking their whereabouts, seeking their support in organization of Technical, Cultural and Technocultural events in the Institute. These committees also would take care of the organization of workshops/Guest Lectures from the alumni.

Website exclusively for alumni is also being designed with the help of these committees.

In near future the Alumni Association would be making its mark in connecting well itself with the Institute and transforming the Institute into one of the best in the country.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/10hbPG20trzDqziPwM9mTRO7wlykk76Zk/view?usp=share_link

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

Mahatma Gandhi Institute of Technology is a co-educational self financing Private Engineering College governed by Chaitanya Bharathi Educational Society, Hyderabad. The College functions under the chairmanship and guidance of the erudite members of CBES and locally administered by an Administrative Committee consists of Principal, Directors, Heads of the departments and various heads of functional units. The College functions in compliance with the directions given by UGC, AICTE, Government of Telangana and JNTUH, Hyderabad to which it is affiliated.

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 irreproachable 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/core-values/

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

The College ensures decentralized and participatory governance. It emphasises on collaborative administration by incorporating all its stakeholders. The Management enlists the talents of the staff in shouldering various administrative responsibilities and appoints them as officials that include Principal, Director-AES, Director-Ranking & Accreditation, Director-CDC, Director-ITI&P, Director-Student Welfare, Coordinator-Research center, Coordinator - IQAC, Controller of Examinations, Addl. Controller of Examinations, Asst. Controller of Examinations, Heads of various Departments, In-charges for various functional units, Accounts Officer and Coordinators for various non-statutory committees. Students also participate in the governance of the Institution through effective representation through Student Council, Planning and Evaluation Committee and other committees. This hierarchical structure makes sure of delegating the power and allocation of responsibilities for the smooth functioning of the College.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/organizational-structure/

6.2 - Strategy Development and Deployment

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

The Institution, inspired by its vision: "MGIT envisions, inspires and motivates its students to imbibe knowledge with which they can excel and serve the nation with great elan", charts out its perspective plan and effectively implements it with the following objectives:

1. Impart up-to-date knowledge to the students in chosen fields to make them quality engineers
2. To improve teaching & learning process through continuous assessment.
3. Students to experience the learning using quality equipment and tools.
4. Provide quality environment and services to all the stakeholders.
5. Provide systems, resources and opportunities for continuous improvement.
6. Maintain global standards in education, training and services.
7. To equip the teachers with the latest computing facilities along with modern teaching aids.
8. To enroll and nurture meritorious students.
9. To promote Research & Consultancy.
10. To improve the Industry Institute interaction towards achieving the Institutes Vision & Mission.
11. Continuous up-gradation & development of infrastructural facilities.
12. To establish "Finishing Schools" to help the students to improve their personality development and employability skills.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://docs.google.com/document/d/1oj711SEj8slV2H17q2K9YWny6GdUyFy/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true
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:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical set up is established from management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

The organizational structure of the institution as given below.

Structure:

The over-all structure of the Institutional Management is categorized as "ACADEMICS" and "ADMINISTRATION". Keeping in view all the stakeholders and with more focus on students an effective administrative system is structured.

Functions of Key Administrative Positions:

The Governing Body reviews the developmental needs of the institute periodically. It plays a key role in designing, approval and implementation of quality policies and plans. The management governs the institute in a transparent way by involving all its stakeholders.

Service Rules, Policies and Procedures:

The institution has its own service rules, policies and procedures for effective functioning of the institution. The service rules and policies are as per the State Government regulations.

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	https://docs.google.com/document/d/1Ty3v1B_hKLZ5cxRkoOA5_mdCw4zB9joa/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	View File

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

Welfare Measures for Teaching & Non-Teaching Staff

- Health Insurance for Teaching & Non-Teaching Staff with a sum insurance of Rs.2,00,000/- and Rs.3,00,000/- respectively
- Accidental Insurance to all the Teaching & Non-Teaching Staff with a risk coverage of Rs.5,00,000/-

- GSLIS (Group Savings Linked Insurance Scheme) with a sum insurance of Rs. 1,00,000/- for staff members who opted
- Statutory Benefits to all the eligible staff members such as EPF, ESI, Gratuity etc.,
- Residential Quarters based on the availability
- Transport Facility to all the Staff Members with concession rates
- Health Centre within the campus is provided with a qualified & experienced Doctor and a Staff Nurse
- Periodical Health awareness Camps and Blood Donation Camps at Institution Level
- Providing Maternity Leave to the woman employees as per the eligibility
- Encourage staff members for higher studies and allow them to attend Orientation Program and Trainings such as FDPs, Conferences etc.,
- Conducted Vaccination Drives to vaccinate First and Second dose

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/nss-activities/

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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

11

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

205

File Description	Documents
Summary of the IQAC report	No File Uploaded
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

The Institute conducts both internal and external audit regularly. Internal Audit will be commenced once in every quarter, total 4 times in a year. External audit will be done once in a year. Based on the audit report all the audit objections' will be rectified immediately.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1VaBY_VvKbZKgPN08rzldieXl9JdvOWTZ/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of Funds : Institute collects Annual Tuition fee from PG and UG students during the year.

Utilization of resources: Institute spends around 80% expenditure on Staff Costs (which includes Salaries and Gratuity etc.,) and 20% expenditure on Administrative Expenses (which includes Lab Maintenance, Vehicle Maintenance, Advertisement charges, Affiliation Fee, Audit Fees, Electricity, House Keeping, Games & Sports, Insurances, Journals, Honorariums, Processing fees, Seminar and conference, Travelling Expenses, Annual Day Expenditure, Republic Day Expenses, Orientation Day Program and Student Activities etc.,)

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://docs.google.com/document/d/1FZmtYq9EwTY1HmfWGkLzU5CKD8GmcPFS/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

Governance

1. Implementing academic calendar suggested by BoS of each department
2. Academic Audit conducted by each department
3. Feedback collected from various stakeholders, analyzed and action taken

Curriculum

The departments have developed curriculum with Board of Studies (BoS) and Academic Council to fulfill the requirements of autonomous institution and to help the student meet the Employability, Higher studies, needs of communication skills.

Faculty Achievements

1. Institute has research policy to encourage the staff
2. Most of the research papers are published in Scopus/WoS/UGC Approved journals.
3. Noticeable growth in the number of patents filed.

Research and Consultancy

1. AICTE Funded Project on Skill & Personality Development Program Centre for SC/ST Students, worth Rs.17,30,366/- is in progress.
2. AICTE TEQIP-III JNTUCEH Funded Project worth Rs.2,99,100/- is completed.
3. Teachers Associateship for Research Excellence (TARE) from SERB: Collaboration of IITH & MGIT worth Rs.18,30,000/- is completed.
4. Considerable improvement in consultancy.

Extension Activities

- COVID-19 vaccination drive
- Palle Pragathi
- Only One Earth
- Blood Donation Camp
- Telanganaku Harithaharam

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1D2zjC-g1KkkxUMzHd4r_SI_9CyVT48lx/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

IQAC continuously working towards quality education and inculcating quality culture among the institute family. IQAC planned to improve the quality of teaching learning process by the following steps:

- Higher participation of industry experts in the academic practices through field visits, hands on training workshops and guest lectures
- Strengthen the Campus placement training to enhance the employability skills of students through regular classes
- Establishment of NISP Cell as per the MoE guidelines
- Organize more quality improvement programmes such as Seminars, FDPs, Conferences etc
- Develop mechanism to obtain stake holder feedbacks on a regular basis to
- Establishment of various processes to take feedback/surveys from various stakeholders.

IQAC strategizes to improve the teaching learning process through standard academic practices coupled with the online and blended classes required due to the current pandemic situation. The focus this year has been on

- Preparation and devolution of classes through online mode
- Planning and completing the academic activity of the previous academic year arising out of the nationwide pandemic situation
- Preparation and conduct of the academic activity as per the University Academic calendar

- Preparation of Course Files by faculty for online classes
- Conducting Seminar, Projects, Industrial Training
- Review of class delivery and technical glitches arising in online

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1OoLiuv0arTQMfe4eyKAF1U0PGqrfrw1A/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drive.google.com/file/d/1RTkjXeZ8oZQnPlHloXDRI5clN8h2_ySa/view?usp=share link
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

The institution has initiated several measures on gender equity &

sensitization issues. Gender Sensitization course is a mandatory course for all students in the Under Graduate Level. The course basically a practical course based on group discussions, role play and presentation tries to inculcate the sense of gender and its issues in a formal way.

As per the statutory norms prescribed by various bodies, the institute has constituted the following committees - Women's Welfare Cell, Grievance Redressal Committee (Staff and Students), which tries to organize events to promote Gender Equity on the campus and conduct awareness programmes. International Womens Day is celebrated with graduer by inviting experts from varied fields.

The institution provides safety and security facilities for the staff and students such as CCTV Surveillance throughout the campus and security arrangement. The institute has trained Women Guards on the campus to maintain safety. The institute has 2 waiting halls for the Girls. The institution has a dedicated Counselling Centre with a qualified Psychologist on the roll and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels.

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 plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 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)

1. Solid Waste

The waste is generated by all sorts of routine activities carried out in the College that includes paper, plastics, glass, metals, foods, etc. The waste is segregated at each level and source. The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The block attender in each floor will collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided at each floor. The floor dustbins are emptied in movable containers/dustbins provided for each block and is taken to the dumping yard provided by the College. The College is in contact with an authorized vendor who collects the waste from the designated place, segregate them, recycles them and disposes them.

2. E-Waste Management:

Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers, Radio, TV, Phones, Printers, Fax and Photocopy machines and the e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through authorized vendors.

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	No File Uploaded

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	No File Uploaded

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

B. Any 3 of the above

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	View File
Any other relevant information	View File

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 reading materials, screen reading, etc.

C. Any 2 of the above

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

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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different castes, religions, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistics. There is no intolerance towards cultural, regional, linguistic, communal socio economic

and other diversities. With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri. On birth anniversary of Sardar Vallabhbhai Patel on October 31, Institution celebrates Rashtriya Ekta Diwas (pledge is taken by staff and students on National Integration Day) every year.

The institution organizes Youth and Cultural festivals. NSS and NCC Units of the college participate in various programmes related to social issues organized by other colleges.

Mahatma Gandhi Institute of Technology has been at the forefront in sensitizing students to the cultural, regional, linguistic, communal and socioeconomic diversities of the state and the nation. The Institution includes as part of its vision and mission the teachings of the Father of the nation Mahatma Gandhi, who aimed for an inclusive society without differences in caste, religion or community.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

In every country across the globe, people are expected to revere their Constitution and feel that they must know what is in it. In congruence with this belief, MGIT strives to promote the values and objectives enshrined in the Constitution: secularism, democracy, equality, fraternity, and human dignity.

Constitution of India is a mandatory course for all the branches of engineering. The purpose of Constitution education is to make students patriotic citizens of right thinking and noble behaviour with awareness about fundamental rights, duties, the system of government, etc. Also, MGIT inculcates scientific temper, humanism, and the spirit of inquiry and reform.

MGIT celebrates Constitution Day (26th November) every year with all fervour. After reading out the Preamble of the Constitution,

students and staff participate in the Constitutional day run. The aim is to inculcate the right attitude towards Constitution and to keep its spirit alive.

The National Unity Day or Rashtriya Ekta Diwas is celebrated every year on October 31st to commemorate the birth anniversary of India's first Home Minister - Sardar Vallabhbhai Patel. It provides an opportunity to reaffirm the inherent strength and resilience of our nation towards upholding the unity, integrity, and security of our country.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

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	No File Uploaded
Any other relevant information	View File

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

Mahatma Gandhi Institute of Technology (MGIT) is a very well-known autonomous academic institution. Its vision and mission being overall development of the students along with academics and sports. Also, the institution takes great efforts in developing students' personality. Therefore, the college celebrates and organizes the birth anniversaries of national heroes and important days.

For the academic year 2021-22, college celebrated the following days like Celebration of Rashtriya Ektha Diwas, World Environment Day, International Yoga Day, Constitution Day, Swathantra Bharatha Vajrotsavalu & Harghar Tiranga Programs.

College organizes all these activities throughout the academic year to promote holistic development of students. The celebration of these activities and important events, commemorative days, festivals promote moral values in the students. It also helps in spreading and maintaining communal harmony.

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	View File

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 best Practice: MENTORING SYSTEM FOR STUDENTS

2. Objectives of the Practice: To improve performance and reduce stress on the students with the help of counselling sessions.

3. The Context: In general, students undergo various problems of stress: personal, academic, physical, mental. When students are

new to professional college life, it creates a lot of stress, especially to hostel students who are away from family for the first time.

Students from educationally weak background feel very complex and experience hesitant situations in class due to inhibitions.

Title of Best Practice -IMPARTING EMPLOYABILITY ENHANCEMENT SKILLS

2. Goal:

- To plan and organize training sessions to impart employability enhancement skills.
- To improve quality of placements and CTC to the selected students.
- To attract domain specific companies along with companies working on emerging technological areas.

3. The context:

Admissions in most of the technical institutions happen through common entrance examination conducted at state level. Majority students hail from rural background. Their subject knowledge related to foundation courses is really good, but they lack in communications skills. Keeping this in view, curriculum having subjects like, "English Communication Skills Laboratory" & "Technical writing skills" facilitate students to improve LSRWskills.

File Description	Documents
Best practices in the Institutional website	https://mgit.ac.in/wp-content/uploads/2022/08/Institutional-Best-Practices.pdf
Any other relevant information	Nil

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)

LEARNING THROUGH MOOCS

In general, Teaching Learning process mostly will be around Chalk & Talk with support from ICT Tools. In the recent times learning through MOOCS is gaining lot of importance.

Massive Open Online Courses (MOOCs) have become a popular avenue for diverse learners to upgrade their knowledge and skills. Instructors who are new to creating MOOCs tend to focus on the use of technology features to mimic their classroom actions. While it is necessary to be aware of the technology affordances, it is more important to focus on the pedagogy of how to use the MOOC features effectively to foster student engagement and learning.

At our institute, Mahatma Gandhi Institute of Technology, Hyderabad the faculty members resolved to have at least ONE certification every semester.

During COVID pandemic & after that in every educational institute there is a lot of activity around ONLINE learning.

At our institute, our faculty members and Students started to learn courses using NPTEL platform from 2019-2020 academic year onwards.

Having acquaintance with MOOCs platforms, our faculty members and Students continued their learning using NPTEL platform.

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.

The current curriculum followed by the UG and PG programme is based on AICTE model curriculum for engineering discipline. The course structure from I Year to IV year accommodates courses from all streams viz., mathematics, humanities, and basic sciences including the parent discipline courses. The course structure is so designed that the courses taught in preceding semesters can become prerequisites for the courses successive semesters. All the courses provided in the course structure cover all aspects of engineering discipline including emerging areas as well. The core curricular contents are designed in such a manner that they would meet the present day industry sector and global needs. The students have an option to choose elective courses in the group of electives given in the curriculum. The faculty members make use of MOOCs/NPTEL Video Lectures for a specific course as a part of their teaching to deliver the contents effectively and efficiently. All the students are being informed about the Specific Outcomes of the Programme and the individual courses during the commencement of course instructions. At the conclusion of the course, the students are facilitated to assess the mapping of Course Outcomes with the Program Outcomes and Program Specific Outcomes.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://docs.google.com/document/d/1lgevVKznGNu7mXbeEAAGPfU7zm1CIhzd/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

21

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	No File Uploaded

1.2 - Academic Flexibility

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

24

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

In pursuance of, the integral development of human resource that will culminate in a better and just world, the curriculum adopted at MGIT aims at enhancing creativity, self-esteem and confidence among young Engineers. Also the cross curricular activities promote awareness of rights and responsibilities to help students grow into law abiding citizens, championing equality and sustainability for an inclusive growth of all sections of society.

The activities conducted and the courses offered along with their objectives and practical applications at UG and PG level are given in additional information

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

29

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	No File Uploaded

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

3361

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

405

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

C. Any 2 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1eXBDqTvr-m6VPO9ujX3bfGRUY5gBi91s/view?usp=share_link
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

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1PK8BcEdfjnDoyVG8kerD5uoSGCIzoZRx/view?usp=share_link
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

990

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)

863

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.

Mentoring and Assisting Slow Learners:

Identification Criteria Actions: On the basis of the Very less marks in internal exams, irregularity to the class and lab session, inactive involvement in the assigned works are the factors to identify the slow learners. After identifying the slow learners, the following activities are done to improve the performance of such students:

1. Counseling is given by the Expert counselor, Senior Faculty and mentor.
2. Students performances are intimated to their parents.
3. Makeup classes are being conducted after the regular class hours.
4. Courses in soft skill/ communication skill are conducted by the Career development cell
5. Tutorials are given for analytical courses and Discussions on important question and answers.

Advanced Learners:

Identification Criteria and Actions: On the basis of the marks in internal exams, active involvement in the assigned works, Intermediate Marks EAMCET/JEE rank holder, Semester toppers. After identifying the advance learners, the following activities are done to motivate such students:

1. Motivating them to continue self-learning by using MOOCs and NPTEL videos.
2. Encouraging to participate in technical or non-technical competitions.

3. Encouraging to participate in various Hackathons and R& D activities.
4. Assisting in participation and presentation in national and international conferences, seminars/workshops etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1eUZU03ohBCqKgLG9rAPQ503lmHzk3AG3/edit?usp=sharing&oid=102162107192408024905&rtpof=true&sd=true

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	3775	219

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:

For enhancing learning experiences, the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method etc. Some Student centric methods are given below:

Interactive methods: The faculty members make learning interactive with students by motivating student participation in subject quiz, Technical games, discussion, etc.

ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms and seminar hall with LCD projectors, Language Lab, etc. The institution adopts modern pedagogy to enhance teaching-learning process.

Experiential learning: Experimental/Laboratory method is used

in most of the subjects to acquaint the students with the facts through direct experience individually through laboratories. Students verify the facts and laws of the subject with the help of experiments.

Student Seminars: The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience

Internship Program: This will enable the students to gain experience to carry out main project in the final year. In this practical course, each group consisting of three/four members is expected to design and develop practical solutions to real life problems related to industry, institutions and research.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://docs.google.com/document/d/1mpw8JBB6Hr5cJaEJhTfSDawMyaOgN4_W/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

In order to be prepared for the workplace, students must now acquire and master the latest technology. In order to engage students in long-term learning, teachers are infusing technology with conventional modes of instruction. Information and communication technology (ICT) is used to assist, improve, and optimise the way that education is delivered. The Institute makes use of the following equipment:

ICT Tools:

1. Projectors- 9 projectors are available in different classrooms/labs
2. Desktops- Arranged at Computer Labs
3. Printers- They are installed at HOD office

4. Scanners- They are installed at HOD office

5. Seminar Rooms- One seminar hall equipped with all digital facilities

6. Online Classes through Google Meet, Google Classroom

Use of ICT By Faculty:

A. PowerPoint presentations- Faculty are encouraged to use power-point presentations in their teaching by using LCD projectors.

B. Industry Connect- Seminar hall is digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculty prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS, Kahoot, Quizzez etc.

D. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mgit.ac.in/ict/
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

219

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

Preparation and Adherence of Academic Calendar: The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, seminars, conferences, guest lectures, workshops and industrial visits holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic and business inputs.

Preparation and Adherence of Teaching Plan: The concern faculties prepare teaching plan for their respective subjects of 45 to 60 hours. These 45 to 60 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions.

The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

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

9

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	No File Uploaded

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

91

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	No File Uploaded

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

219

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

86

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

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

During a semester, there shall be two mid-terms, each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper consists of ten questions multiple choice, fill-in the blanks assertion and reason, matching type of questions and true or false statements for a total of 5 marks. The descriptive paper shall contain Part-A and Part-B. Part-A consists of three questions from each unit without choice for total of 06 marks. Part-B consists of one question from each unit with internal choice for total of 14 marks. Five marks are allocated for assignments. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 30 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/regulations-syllabus2/

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

Program Outcomes (POs) , program Specific Outcomes (PSOs) and course outcomes are communicated to the stake holders of the program by the following procedures.

- POs and PSOs are available in the Institute website (www.mgit.ac.in).
- POs and PSOs are kept in prominent locations of the campus for staff, students and public view.
- POs and PSOs are displayed in Department office, Laboratories and Department library.
- POs and PSOs are communicated to employers and Alumni by sending mail and during the Alumni Meeting.
- Vision and Mission of Institute and department are informed to the parents during Parent - Teacher Meeting.

Course Outcomes (COs) are framed are available in the curriculum as prescribed by the affiliating university. The same are discussed, if necessary, the COs are modified and reframed by the Department committee.

- COs are communicated to the students during the introduction class itself.
- COs along with lesson plan are printed and issued to the students during the first class.
- During the discussion of the course, the outcomes of the course are also focused. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://mgit.ac.in/regulations-syllabus2/

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

The process of attainment of COs, POs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom's Taxonomy. Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program.

Attainment Level calculation:

Direct Assessment:

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.

The CO attainment levels can be measured based on the results of the internal assessment and external examination conducted by the university. This is a form of direct measurement of attainment. In the JNTUH University which the Institute is affiliated to, Internal marks are for 25 and External marks are for 75.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://docs.google.com/document/d/1mjPBFyeTRovm7hUzf6zXuM6ewghiY_cY/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

480

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	https://docs.google.com/spreadsheets/d/1s0CD3yBacPBmt08iFC_Yicvzds5ZkGcb/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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/2022/08/Student-Satisfaction-Survey-SSS-Report-AY-2021-22.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

MGIT has established a research and development centre to

nurture and harness the talent of the students and faculty from various disciplines. The organization provides necessary facilities for promoting basic research and to catalyze the cross-fertilization of ideas with R&D agencies in other sectors for expanding and enriching the knowledge base in their respective areas. The institute provides support for collaborative or individual work related futuristic front line research having application in the new world class systems, which leads to major research.

In making our Vision and Mission a reality, Institution has taken the initiative to promote Research and Innovations of faculty and students and collaborate with industries for mutual benefit. The departments of EEE, ECE, CSE and Mechanical Engineering were recognized to provide guidance to research scholars. The institution has signed 8 functional MOUs for training the students and providing internships and project work in various departments.

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/research-development/
Any additional information	View File

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)

1.17395

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

1

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	No File Uploaded

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)

67.65

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

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

5

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/1yGVPxTltLdIKwnqkluVF2Rln6J1VFLcz/view?usp=share_link
Any additional information	No File Uploaded

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.

Awareness meets, workshops, seminars and guest lectures on

Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. The sole objective of the Incubation Centre is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects.

Workshops on emerging trends in Technology are held. Students are encouraged to gain hands on experience and better Industrial Exposure. Institution Innovation Council (IIC) organized various activities which gives real time exposure to the students and provide them a platform to showcase and implement their practical learning. It supports to prepare institute for NIRF Ranking and Atal Ranking of Institutions on Innovation Achievements Framework and also establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas. Through this cell Startup were initiated by the students for the latest innovations. The Smart India Hackathon is organized and cash prize will be provided by MHRD. College conducts coding contest and HACKTHONS through CII . College is having e-yantra Lab (initiated and supported by IIT Bombay).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1rd3sMr_ifdnBG4V0hAPZQajU3D8HT32f/view?usp=share_link

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

22

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
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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

11

File Description	Documents
URL to the research page on HEI website	https://drive.google.com/file/d/1wbCa-WT0ZCPEteMIjw8WhMzcuNeNVzg8/view?usp=share_link
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

208

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

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1WGdvDzD-Emlpb3RZJIID3sa6lrNmq9bW/view?usp=share_link

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

7

File Description	Documents
Any additional information	View File
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)****3.85860**

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**NIL**

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	No File Uploaded
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

The student volunteers visit neighboring localities and conduct various activities regularly. Extension activities in the neighborhood community have been taken up sensitizing the students to social issues and holistic development during

2021-2022. NSS Unit-MGIT organizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation.

The NSS unit has taken part in various initiatives like

1. Swachh Bharat initiatives
2. Blood donation camps
3. Awareness programs on prevention of plastic usage
4. Environmental pollution
5. National Youth Day
6. International Yoga Day
7. Rashtriya Ektha Diwas
8. Health Camps at adopted villages
9. Distribution of masks and sanitizers at adopted villages
10. Constitution Day

The NSS Unit-MGIT has conducted diversified activities in association with NGOs and Government organizations like Red Cross Society, Lions Club, Nehru Yuva Kendra, Primary Health center of GHMC, Hyderabad and Madhapur Zone Traffic Police. This joint venture

encourages and facilitates various extension programs and participation of the students to take up activities in collaboration with other agencies to spread awareness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1rfHDP-o_4w3YcDXEE1pobh3S0nbKGqoV/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

15

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)

35

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

946

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**

65

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)

8

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	No File Uploaded

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 College encompasses a well maintained lush green campus spread over 30 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: All engineering disciplines encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The Department has ICT Classrooms where the provision of Multimedia learning, Wi-Fi

connectivity and internet access is given.

Seminar Hall: The seminar halls are regularly used for conducting national / international seminars at the college. The students are promoted for active involvement in paper presentations, group discussions, etc.

Tutorial rooms: Separate tutorial rooms are there for tutorial lecture, doubt clarification and special remedial classes for weak and needy students.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and AKTU norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open source tools to cater the requirements of curriculum & industry enabled teaching.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/spreadsheets/d/1pQlLJUQS0MOssJmIvtMInDXxgDF8lv-E/edit?usp=share_link&ouid=102162107192408024905&rtpof=true&sd=true

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

Details of facilities for cultural activities:

The competitive academic environment and co-curricular activities on campus keep the students on their toes. But everyone needs some time off, to relax and recharge. Cultural Clubs at MGIT are the best place for this. There are several cultural clubs in MGIT, they're a place for students to display their talents. It assists in spotting their talent. Competitions in dance, music, and other cultural events are among them.

Details of facilities for sports, games:

Games and Sports are not only important for success in the stadium but also for success in every walk of our lives. MGIT wishes that students perform the best in every field and hence provides its students with top class facilities for sports and games as well.

There is a great tradition for sports at MGIT. Students and teaching & non-teaching faculty participate in the many sports conducted at MGIT enthusiastically. There are many sporting events held at MGIT. These are EKALAVYA - Intercollegiate Sports Fest and NIRVANA Spots Festi. MGIT is a great place to grow your sporting talent or to acquire new skills.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1S9fTl-D-AipKzrzYCC3ho6BAnd4S0MpM/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

72

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)

309.66228

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)

Data Requirement for year: Upload a description of library with

- Name of the ILMS software
- Nature of automation (fully or partially)
- Version
- Year of Automation

MGIT established a spacious Central Library with an area of 577sq.mtrs. It started its function with a vision to serve the information needs of its users and to promote a continuous learning atmosphere with holding various Text Book, Reference Books, eBooks, Journals, Magazines, E-Journals, Subject PPT's, Subject Animations, Project Reports, Tutorials, Question Papers and NPTEL Video Lessons related to engineering and allied subjects. Central Library provides abundant information and intellectual requirements to the students and faculty with a user friendly approach. It offers a fully integrated and peaceful environment for conducting academic study.

Library Automation

Library is fully automated with NewGenLib Integrated Library Management Software since 2007. NewGenLib has all functional modules of library management completely implemented. It has the following modules.

- Acquisition
- Technical Processing
- Circulation
- Serials Management
- Reports
- OPAC

- **Administration**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1WhiupvSIchnhIDBfvk4ogU-3M-s6cljd/view?usp=share_link

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)

11.35389

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

125

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

Institute is having the Internet Capacity of 500MBPS to satisfy the needs of students and Faculty. Recently two servers has been purchased- Rack Server(Configuration- 128 GB RAM scalable up to 1.5 TB 3x1.2 Tb 12G SAS 10 K rpm SFF(2.5-inch)Hot pluggable. Antivirus Software Sophos (64bit) endpoint security is purchased. Web team has been constituted by Governing body in taking care of Institute website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/18KoLhYAE4owQSt9-hDav3O9yJ0vngf-o/view?usp=share_link

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3575	1417

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	View File

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

C. Any two of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://docs.google.com/spreadsheets/d/1BIneOLH1_yNzu6-pwPxcgjXbf073yN6bC/edit?usp=share_link&ouid=102162107192408024905&rtpof=true&sd=true
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)

19.20038

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.

Laboratories: Annual maintenance of existing equipment is carried out by the concerned Departments. Based on JNTUH syllabus revisions, if any new equipment to be added; Heads of the Departments proposes the details with quotations for

approval by the D & P Committee of CBES. Often Departments add new equipment to meet the requirements of Consultancy and R & D activities in addition to academic requirements.

Library: All the Departments put up proposals for additional library facilities, in terms of reference books and text books. The proposals are normally approved by D & P Committee of CBES.

Sports Complex: College has Physical Director in the department of Physical Education. Every year inter collegiate games are conducted involving about 15 engineering colleges. In addition sports and games competitions are held every year on the occasion of college annual day. Prizes and certificates are awarded in the college annual day. Many boys and girls students participate in the competitions. During the annual day celebrations NIRVANA, events for faculty will also be held along with students.

Computers: College maintains about 20% more than the AICTE norms for the availability of computers in the college. With the recent norms of AICTE and NBA requirements every Department has established computer centre and project lab for PG students. All the laboratories, faculty rooms, library have Internet facility. College maintains Wifi for entire campus.

Class Rooms: College has 66 class rooms, 78 laboratories, 7 seminar halls and one Auditorium of capacity 350. College has about 55 class rooms with LCD and OHP facility

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1bdBUErJr6NIVZCufizOIWGbAgJcbBSut/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

1681

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

44

File Description	Documents
Upload any additional information	No File Uploaded
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 Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://mgit.ac.in/cgc/
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

1800

File Description	Documents
Any additional information	View File
Number of students benefited 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	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

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

515

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

88

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

298

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

57

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

There is Co-Curricular & Extra Curricular Activities committee for engaging students in various co-curricular and extracurricular activities for all-round development of the students, college organizes many co-curricular & extra-curricular activities in the campus and also encourages

students to take part in inter collegiate and inter university competitions in addition to other activities sponsored by various organizations. The Co-Curricular & Extra-Curricular Activities committee encourage & ensure the participation of students in various activities.

Functions of Co-Curricular & Extra Curricular Activities committee:

1. To prepare the calendar for co-curricular & extra-curricular activities and obtain prior approval.
2. Plan to organize co-curricular & extra-curricular activities in the campus.
3. Make arrangements for the students to participate in off campus activities of international, national, state and local level competitions.
4. Prepare list of student participants and take prior approval from the Principal.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1-cDiSbhCMYVZnA2-mgFS07F6aXsiyp0g/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

3

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

The MGIT Alumni Association has been officially registered with the Registration number 211/2008 during February 2008. Since then, the Association has been involved in strengthening its activities through conducting periodic meetings in and outside the Institute. The Alumni of all disciplines of MGIT have been visiting the Institute and guiding the undergraduate students in carving their careers in a better way. Till to date, 8 Institute level Alumni meets have been organized and Department level Alumni interactions are being held periodically.

The Alumni Association is actively involving itself in meeting the students of the Institute and forming student committees. These committees would work towards enriching the database of the alumni of all the departments, tracking their whereabouts, seeking their support in organization of Technical, Cultural and Technocultural events in the Institute. These committees also would take care of the organization of workshops/Guest Lectures from the alumni. Website exclusively for alumni is also being designed with the help of these committees.

In near future the Alumni Association would be making its mark in connecting well itself with the Institute and transforming the Institute into one of the best in the country.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/10hbPG20trzDqziPwM9mTRO7wlykk76Zk/view?usp=share_link

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

Mahatma Gandhi Institute of Technology is a co-educational self financing Private Engineering College governed by Chaitanya Bharathi Educational Society, Hyderabad. The College functions under the chairmanship and guidance of the erudite members of CBES and locally administered by an Administrative Committee consists of Principal, Directors, Heads of the departments and various heads of functional units. The College functions in compliance with the directions given by UGC, AICTE, Government of Telangana and JNTUH, Hyderabad to which it is affiliated.

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 irreproachable 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/core-values/

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

The College ensures decentralized and participatory governance. It emphasises on collaborative administration by incorporating all its stakeholders. The Management enlists the talents of the staff in shouldering various administrative responsibilities and appoints them as officials that include Principal, Director-AES, Director-Ranking & Accreditation, Director-CDC, Director-ITI&P, Director-Student Welfare, Coordinator-Research center,

Coordinator - IQAC, Controller of Examinations, Addl. Controller of Examinations, Asst. Controller of Examinations, Heads of various Departments, In-charges for various functional units, Accounts Officer and Coordinators for various non-statutory committees. Students also participate in the governance of the Institution through effective representation through Student Council, Planning and Evaluation Committee and other committees. This hierarchical structure makes sure of delegating the power and allocation of responsibilities for the smooth functioning of the College.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	https://mgit.ac.in/organizational-structure/

6.2 - Strategy Development and Deployment

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

The Institution, inspired by its vision: "MGIT envisions, inspires and motivates its students to imbibe knowledge with which they can excel and serve the nation with great elan", charts out its perspective plan and effectively implements it with the following objectives:

1. Impart up-to-date knowledge to the students in chosen fields to make them quality engineers
2. To improve teaching & learning process through continuous assessment.
3. Students to experience the learning using quality equipment and tools.
4. Provide quality environment and services to all the stakeholders.
5. Provide systems, resources and opportunities for continuous

improvement.

6. Maintain global standards in education, training and services.

7. To equip the teachers with the latest computing facilities along with modern teaching aids.

8. To enroll and nurture meritorious students.

9. To promote Research & Consultancy.

10. To improve the Industry Institute interaction towards achieving the Institutes Vision & Mission.

11. Continuous up-gradation & development of infrastructural facilities.

12. To establish "Finishing Schools" to help the students to improve their personality development and employability skills.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://docs.google.com/document/d/1oj711SEEj8slV2H17q2K9YWny6GdUyFy/edit?usp=share_link&ouid=102162107192408024905&rtpof=true&sd=true
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:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical set up is established from management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

The organizational structure of the institution as given below.

Structure:

The over-all structure of the Institutional Management is categorized as "ACADEMICS" and "ADMINISTRATION". Keeping in view all the stakeholders and with more focus on students an effective administrative system is structured.

Functions of Key Administrative Positions:

The Governing Body reviews the developmental needs of the institute periodically. It plays a key role in designing, approval and implementation of quality policies and plans. The management governs the institute in a transparent way by involving all its stakeholders.

Service Rules, Policies and Procedures:

The institution has its own service rules, policies and procedures for effective functioning of the institution. The service rules and policies are as per the State Government regulations.

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	https://docs.google.com/document/d/1Ty3v1B_hKLZ5cxRkoOA5_mdCw4zB9joa/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	View File

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

Welfare Measures for Teaching & Non-Teaching Staff

- Health Insurance for Teaching & Non-Teaching Staff with a sum insurance of Rs.2,00,000/- and Rs.3,00,000/- respectively
- Accidental Insurance to all the Teaching & Non-Teaching Staff with a risk coverage of Rs.5,00,000/-
- GSLIS (Group Savings Linked Insurance Scheme) with a sum insurance of Rs. 1,00,000/- for staff members who opted
- Statutory Benefits to all the eligible staff members such as EPF, ESI, Gratuity etc.,
- Residential Quarters based on the availability
- Transport Facility to all the Staff Members with concession rates
- Health Centre within the campus is provided with a qualified & experienced Doctor and a Staff Nurse
- Periodical Health awareness Camps and Blood Donation Camps at Institution Level
- Providing Maternity Leave to the woman employees as per the eligibility
- Encourage staff members for higher studies and allow them to attend Orientation Program and Trainings such as FDPs, Conferences etc.,
- Conducted Vaccination Drives to vaccinate First and Second dose

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgit.ac.in/nss-activities/

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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

11

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

205

File Description	Documents
Summary of the IQAC report	No File Uploaded
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

The Institute conducts both internal and external audit regularly. Internal Audit will be commenced once in every quarter, total 4 times in a year. External audit will be done once in a year. Based on the audit report all the audit objections' will be rectified immediately.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1VaBY_VvKbZKgPN08rzldieXl9JdvOWTZ/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of Funds : Institute collects Annual Tuition fee from PG and UG students during the year.

Utilization of resources: Institute spends around 80% expenditure on Staff Costs (which includes Salaries and Gratuity etc.,) and 20% expenditure on Administrative Expenses (which includes Lab Maintenance, Vehicle Maintenance, Advertisement charges, Affiliation Fee, Audit Fees, Electricity, House Keeping, Games & Sports, Insurances, Journals, Honorariums, Processing fees, Seminar and conference, Travelling Expenses, Annual Day Expenditure, Republic Day Expenses, Orientation Day Program and Student Activities etc.,)

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://docs.google.com/document/d/1FZmtYq9EwTY1HmfWGkLzU5CKD8GmcPfs/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

Governance

1. Implementing academic calendar suggested by BoS of each department
2. Academic Audit conducted by each department
3. Feedback collected from various stakeholders, analyzed and action taken

Curriculum

The departments have developed curriculum with Board of Studies (BoS) and Academic Council to fulfill the requirements of

autonomous institution and to help the student meet the Employability, Higher studies, needs of communication skills.

Faculty Achievements

1. Institute has research policy to encourage the staff
2. Most of the research papers are published in Scopus/WoS/UGC Approved journals.
3. Noticeable growth in the number of patents filed.

Research and Consultancy

1. AICTE Funded Project on Skill & Personality Development Program Centre for SC/ST Students, worth Rs.17,30,366/- is in progress.
2. AICTE TEQIP-III JNTUCEH Funded Project worth Rs.2,99,100/- is completed.
3. Teachers Associateship for Research Excellence (TARE) from SERB: Collaboration of IITH & MGIT worth Rs.18,30,000/- is completed.
4. Considerable improvement in consultancy.

Extension Activities

- COVID-19 vaccination drive
- Palle Pragathi
- Only One Earth
- Blood Donation Camp
- Telanganaku Harithaharam

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1D2zjC-g1KkkxUMzHd4r_SI_9CyVT48lx/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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

IQAC continuously working towards quality education and inculcating quality culture among the institute family. IQAC planned to improve the quality of teaching learning process by the following steps:

- Higher participation of industry experts in the academic practices through field visits, hands on training workshops and guest lectures
- Strengthen the Campus placement training to enhance the employability skills of students through regular classes
- Establishment of NISP Cell as per the MoE guidelines
- Organize more quality improvement programmes such as Seminars, FDPs, Conferences etc
- Develop mechanism to obtain stake holder feedbacks on a regular basis to
- Establishment of various processes to take feedback/surveys from various stakeholders.

IQAC strategizes to improve the teaching learning process through standard academic practices coupled with the online and blended classes required due to the current pandemic situation. The focus this year has been on

- Preparation and devolution of classes through online mode
- Planning and completing the academic activity of the previous academic year arising out of the nationwide pandemic situation
- Preparation and conduct of the academic activity as per the University Academic calendar
- Preparation of Course Files by faculty for online classes
- Conducting Seminar, Projects, Industrial Training
- Review of class delivery and technical glitches arising in online

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1OoLiuV0arTQMfe4eyKAF1U0PGqrfrw1A/edit?usp=share_link&oid=102162107192408024905&rtpof=true&sd=true

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)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drive.google.com/file/d/1RTkjXeZ8oZQnP1HlOXDRI5c1N8h2_ySa/view?usp=share_link
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

The institution has initiated several measures on gender equity & sensitization issues. Gender Sensitization course is a mandatory course for all students in the Under Graduate Level. The course basically a practical course based on group discussions, role play and presentation tries to inculcate the sense of gender and its issues in a formal way.

As per the statutory norms prescribed by various bodies, the institute has constituted the following committees - Women's Welfare Cell, Grievance Redressal Committee (Staff and Students), which tries to organize events to promote Gender Equity on the campus and conduct awareness programmes. International Womens Day is celebrated with graduer by inviting experts from varied fields.

The institution provides safety and security facilities for the staff and students such as CCTV Surveillance throughout the campus and security arrangement. The institute has trained Women Guards on the campus to maintain safety. The institute has 2 waiting halls for the Girls. The institution has a dedicated Counselling Centre with a qualified Psychologist on the roll and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels.

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

B. Any 3 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)

1. Solid Waste

The waste is generated by all sorts of routine activities

carried out in the College that includes paper, plastics, glass, metals, foods, etc. The waste is segregated at each level and source. The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The block attender in each floor will collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided at each floor. The floor dustbins are emptied in movable containers/dustbins provided for each block and is taken to the dumping yard provided by the College. The College is in contact with an authorized vendor who collects the waste from the designated place, segregate them, recycles them and disposes them.

2. E-Waste Management:

Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers, Radio, TV, Phones, Printers, Fax and Photocopy machines and the e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through authorized vendors.

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	No File Uploaded

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	No File Uploaded

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	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	View File
Any other relevant information	View File

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 reading materials, screen reading, etc.

C. Any 2 of the above

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

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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different castes, religions, regions are studying without any discrimination. Though the institution has diverse socio-

cultural background and different linguistics. There is no intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri. On birth anniversary of Sardar Vallabhbhai Patel on October 31, Institution celebrates Rashtriya Ekta Diwas (pledge is taken by staff and students on National Integration Day) every year.

The institution organizes Youth and Cultural festivals. NSS and NCC Units of the college participate in various programmes related to social issues organized by other colleges.

Mahatma Gandhi Institute of Technology has been at the forefront in sensitizing students to the cultural, regional, linguistic, communal and socioeconomic diversities of the state and the nation. The Institution includes as part of its vision and mission the teachings of the Father of the nation Mahatma Gandhi, who aimed for an inclusive society without differences in caste, religion or community.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

In every country across the globe, people are expected to revere their Constitution and feel that they must know what is in it. In congruence with this belief, MGIT strives to promote the values and objectives enshrined in the Constitution: secularism, democracy, equality, fraternity, and human dignity.

Constitution of India is a mandatory course for all the branches of engineering. The purpose of Constitution education is to make students patriotic citizens of right thinking and noble behaviour with awareness about fundamental rights, duties, the system of government, etc. Also, MGIT inculcates scientific temper, humanism, and the spirit of inquiry and reform.

MGIT celebrates Constitution Day (26th November) every year with all fervour. After reading out the Preamble of the Constitution, students and staff participate in the Constitutional day run. The aim is to inculcate the right attitude towards Constitution and to keep its spirit alive.

The National Unity Day or Rashtriya Ekta Diwas is celebrated every year on October 31st to commemorate the birth anniversary of India's first Home Minister - Sardar Vallabhbhai Patel. It provides an opportunity to reaffirm the inherent strength and resilience of our nation towards upholding the unity, integrity, and security of our country.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

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	No File Uploaded
Any other relevant information	View File

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

Mahatma Gandhi Institute of Technology (MGIT) is a very well-known autonomous academic institution. Its vision and mission being overall development of the students along with academics and sports. Also, the institution takes great efforts in developing students' personality. Therefore, the college celebrates and organizes the birth anniversaries of national heroes and important days.

For the academic year 2021-22, college celebrated the following days like Celebration of Rashtriya Ektha Diwas, World Environment Day, International Yoga Day, Constitution Day, Swathantra Bharatha Vajrotsavalu & Harghar Tiranga Programs.

College organizes all these activities throughout the academic year to promote holistic development of students. The celebration of these activities and important events, commemorative days, festivals promote moral values in the students. It also helps in spreading and maintaining communal harmony.

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	View File

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

. Title of best Practice: MENTORING SYSTEM FOR STUDENTS

2. Objectives of the Practice: To improve performance and reduce stress on the students with the help of counselling sessions.

3. The Context: In general, students undergo various problems of stress: personal, academic, physical, mental. When students are new to professional college life, it creates a lot of stress, especially to hostel students who are away from family for the first time.

Students from educationally weak background feel very complex and experience hesitant situations in class due to inhibitions.

Title of Best Practice -IMPARTING EMPLOYABILITY ENHANCEMENT SKILLS

2. Goal:

- To plan and organize training sessions to impart employability enhancement skills.
- To improve quality of placements and CTC to the selected students.
- To attract domain specific companies along with companies working on emerging technological areas.

3. The context:

Admissions in most of the technical institutions happen through common entrance examination conducted at state level. Majority students hail from rural background. Their subject knowledge related to foundation courses is really good, but they lack in communications skills. Keeping this in view, curriculum having subjects like, "English Communication Skills Laboratory" & "Technical writing skills" facilitate students to improve LSRWskills.

File Description	Documents
Best practices in the Institutional website	https://mgit.ac.in/wp-content/uploads/2022/08/Institutional-Best-Practices.pdf
Any other relevant information	Nil

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)

LEARNING THROUGH MOOCS

In general, Teaching Learning process mostly will be around Chalk & Talk with support from ICT Tools. In the recent times learning through MOOCS is gaining lot of importance.

Massive Open Online Courses (MOOCs) have become a popular avenue for diverse learners to upgrade their knowledge and skills. Instructors who are new to creating MOOCs tend to focus on the use of technology features to mimic their classroom actions. While it is necessary to be aware of the technology affordances, it is more important to focus on the pedagogy of how to use the MOOC features effectively to foster student engagement and learning.

At our institute, Mahatma Gandhi Institute of Technology, Hyderabad the faculty members resolved to have at least ONE certification every semester.

During COVID pandemic & after that in every educational institute there is a lot of activity around ONLINE learning.

At our institute, our faculty members and Students started to learn courses using NPTEL platform from 2019-2020 academic year onwards.

Having acquaintance with MOOCs platforms, our faculty members and Students continued their learning using NPTEL platform.

File Description	Documents
Appropriate link in the institutional website	https://mgit.ac.in/campus-life/
Any other relevant information	View File

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.

