Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**MAHATMA GANDHI INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. K.Jaya Sankar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**040-24193057**
Mobile no.	**9885210475**
Registered Email	**principal@mgit.ac.in**
Alternate Email	**kottareddyjs@gmail.com**
Address	**Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad, Telangana State**
City/Town	**HYDERABAD**
State/UT	**Telangana**
Pincode	**500075**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. K.V.Ramana Reddy**
Phone no/Alternate Phone no.	**04024193057**
Mobile no.	**9490318816**
Registered Email	**iqac@mgit.ac.in**
Alternate Email	**hodcivil@mgit.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.mgit.ac.in/

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.mgit.ac.in/acadcal.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.14**	**2018**	**30-Nov-2018**	**29-Nov-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**11-Nov-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
One day NAAC Accessors orientation Programme	**14-Jul-2018** **1**	**40**

Blooms Taxonomy action verbs for preparation of Course outcomes and internal question papers	28-Jul-2018 1	40
In-house training on Autonomous Structuring	09-May-2019 1	30
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mr.S.Jayaprakash Narayana	Teachers Associate ship for Research Excellence	SERB, DST	2018 1095	1500000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**1**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

• **Preparation and submission of information for NIRF 2019 ranking.** • **Preparation of AQAR for 201819** • **Conducted Academic Audit on 12042019**

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

Plan of Action	Achivements/Outcomes
Implementation of Teaching and Learning Methods	• 78 Members of faculty registered for SWAYAM NPTEL Courses • Direct and Indirect student feedback system is implemented successfully
Research & Development and Consultancy Activities	• Good number of research papers were published • An amount of Rs. 15,00,000/- is received from various funding agencies
Autonomous Status	• Submitted NOC to affiliating University • Filed application for Autonomous status to UGC.
[View File]()	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	14-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	12-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The following information is being shared through intranet with Faculty and Staff. College Website: (www.mgit.ac.in) • Almanac • Examination Circulars Notices • College Transport • News Letters • Fee payments • Previous Examination question papers • EResources for open access journals Web page for attendance: (www.mgit.winnou.net) • Attendance Posting Attendance information • Uploading of Internal Marks • Posting of class material by faculty

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Curriculum Planning and Implementation: An Induction program was conducted for two weeks as per the academic calender for two weeks duration which covering NSS activities, Guest lectures, cultural activities, extra curricular activities, field trips and seminars in concerned branch of engineering to expose them for applications. B.Tech. Programme structure A student after securing admission shall complete the B.Tech. programme in a minimum period of four academic years (8 semesters), and a maximum period of eight academic years starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Tech course. Each student shall secure 160 credits (with CGPA ? 5) required for the completion of the under graduate programme and award of the B.Tech. Degree. Semester scheme: The UG Programme is of 4 academic years (8 semesters) with the academic year divided into two semesters of 22 weeks (90 instructional days) each semester having – 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)' under Choice Based Credit System (CBCS) and curriculum/course structure as suggested by AICTE & affiliating University are followed. Credit courses and subject courses : All subjects/ courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/ course in an L: T: P: C (lecture periods: tutorial periods: practical periods: credits) structure based on the following general pattern. • One credit for one hour/ week/ semester for theory • One credit for two hours/ week/ semester for laboratory/ practical (P) courses. All subjects/courses offered for UG programmes are broadly classified as follows. 1. Foundation courses which include Basic sciences, Engineering sciences Humanities and Social Sciences a) Basic sciences includes mathematics, physics and chemistry b) Engineering sciences include fundamental engineering subjects. c) Humanities and social sciences include subjects related to humanities, social sciences and management. 2. Core courses consist of professional core which includes core subjects related to branches of study 3. Elective courses consist of professional and open electives. a) Professional elective include subjects related to branch of study. b) Open electives include subjects offered by other branches engineering. 4. Core Courses also include project work, Industrial training/miniproject and seminar a) Project work includes UG project which shall be carried out in stage I and stage II (first and second semesters respectively). b) Industrial training/mini-project consists of industrial training/ summer internship/industrial oriented mini-project/ mini project. c) Seminar includes seminar/colloquium based on core content related to branches of study. 5. Minor courses includes one or two credit courses which are subset of humanities and social sciences 6. Mandatory courses include Gender Sensitization lab, Constitution of India, Environmental Science, and Intellectual Property Rights which do not carry any credits. Open Electives: Students have to choose three open electives from the list of open electives and they should choose the open elective in such a way that it is offered by other department (Interdisciplinary) The students have to choose six professional electives from the list of given professional electives.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Joy of Computing using Python	Nil	01/01/2019	120	GATE and Higher Studies,	Programming Skills,

		Nil	01/01/2019	120	GATE and Higher Studies, applying jobs	Programming Skills, strengthens fundamentals , self learning, explore new areas of interest
(B.Tech)					applying jobs	strengthens fundamentals , self learning, explore new areas of interest
Introduction to Soft Computing (B.Tech)		Nil	01/01/2019	120	GATE and Higher Studies, applying jobs	Programming Skills, strengthens fundamentals , self learning, explore new areas of interest
Cloud Computing (B.Tech)		Nil	01/01/2019	120	GATE and Higher Studies, applying jobs	Programming Skills, strengthens fundamentals , self learning, explore new areas of interest
Programming , Data Structures and algorithms using python (B.Tech)		Nil	01/01/2019	120	GATE and Higher Studies, applying jobs	Programming Skills, strengthens fundamentals , self learning, explore new areas of interest

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Applied Physics Lab AP205BS	20/07/2018
BTech	Basic Electrical Engineering Lab EE108ES	20/07/2018
BTech	Applied Physics AP202BS	20/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	(CE,CSE,ECE,EEE, IT,MCT,ME, MME)	01/07/2018

| Mtech | (STE,SWE, DECE, PEED, CNIS, MCT) | 01/07/2018 |

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	265	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
English	08/02/2018	180
Computer Programming	08/02/2018	180
Environmental Science and Technology	07/09/2018	66
[View File](#)		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CE	123
BTech	CSE	118
BTech	ECE	235
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

• The feedback from students would be taken during the semester on each subject orally before 1st mid of exams by Head of Department (HoD) by conducting a class review committee meeting. The class review committee consists of students of that class and they are chosen based on their attendance in present semester as well as academic performance in previous semester. They will give their opinion on every teacher whom they are being taught in that semester and HoD will note down. Based on their feedback, HoD will counsel the faculty and it will be sent to Principal for information. An oral feedback is taken by Principal and Management committee member before the end of the each semester from few students of every class and the student will give their feedback on every teacher whom they were taught which would be noted. Based on students feedback, the Principal and HoD will counsel the faculty .The students for oral feedback would be chosen based on their academic performance in previous semester and attendance in ongoing semester. Also a written feedback from AES would be given to each student of class before the end of semester and students

will give their ratings on each point mentioned in feedback form. The feedback will be analyzed by AES and issued to each faculty of the department. Accordingly the faculty can improve themselves academically which leads to development of institution. • The feedback from parents will be taken during parent teacher meeting. This will be conducted in each semester as per the date given in academic calendar of JNTUH. During parent teacher meeting a proforma will be given to the parents and they will give their feedback regarding the facilities and other academic related matters. Based on their feedback, the remedial measures would be taken to improve the standards of department as well as the institute. • The feedback from teachers would be taken to improve the academic standards. They will give their feedback for improving the course structure and syllabus to expose them for industrial and academic purposes outside the world. • The feedback from Alumni would be collected on the alumni day i.e. on every last Saturday of the year. The proforma will be given to the attended alumni and they will fill the alumni form and submit it to the department. This will be analyzed further to improve the academic standards of the institute. • The feedback from the employers would be taken from passed out student employers where they will be given their feedback about students strengths and weakness towards their subject knowledge .Based on their feedback the department will incorporate some measures to fulfill the requirements of employers.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CE	120	120	100
Mtech	Structural Engg.	18	18	12
BTech	CSE	180	180	180
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3661	36	230	15	245

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
230	153	1	59	7	1
View File of ICT Tools and resources					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

MENTORING: The concept of mentoring has found application in virtually every forum of learning. In academics, mentor is often used synonymously with faculty adviser. A fundamental difference between mentoring and advising is more than advising mentoring is a personal, as well as, professional relationship. Good mentors are able to share life experiences and wisdom, as well as technical expertise. They are good listeners, good observers, and good problem-solvers. They make an effort to know, accept, and respect the goals and interests of a student. A mentoring relationship develops over an extended period, during which a students needs and the nature of the relationship tend to change. A mentor will try to be aware of these changes and vary the degree and type of attention, help, advice, information, and encouragement that he or she provides. The mentor seeks to help a student optimize an educational experience, to assist the students socialization into a disciplinary culture, and to help the student find suitable employment. Mentors are advisors, people with career experience willing to share their knowledge supporters, people who give emotional and moral encouragement tutors, people who give specific feedback on ones performance masters, in the sense of employers to whom one is apprenticed sponsors, sources of information about and aid in obtaining opportunities models, of identity, of the kind of person one should be to be an academic. A multi-faceted definition of mentors as people who: • take an interest in developing another person's career and well-being. • have an interpersonal as well as a professional relationship with those whom they mentor. • Advance academic and professional goals in directions most desired by the individual. • tailor mentoring styles and content to the individual, including adjustments due to differences in culture, ethnicity, gender and so on. What does the mentor do? • Model professional responsibility • Demystify graduate school • Encourage the effective use of time • Oversee professional development • Develop mentee's communication, study and personal skills • Develop strategies for dealing with both personal and academic issues • Identify goals and establish a sense of direction • Give valuable insight into the next stage career Mentor Mentee Interaction: Mentor mentee interactions are considered to be the main driving energy for the mentoring system. Mentor meets their mentees on a regular basis (generally in a fortnight) and reviews their attendance, performance in class and laboratory, results of examination (both internal external), and other issues that will help in their overall development. A few tasks/ information that a mentor collects are: Find out about the student's previous educational experiences and why she/he decided to go to graduate school. What does the student hope to achieve in pursuing a graduate degree? Discuss the research projects and how they complement or diverge from the student's interests. Offer suggestions about courses the student should take, labs that might be appropriate, and other training experiences s/he should seek.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3386	231	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
245	245	69	69	53

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Mr.Jayaprakash Narayana Samudrala	Assistant Professor	Teachers Associateship for Research Excellence (TARE)
2018	Dr. M Vijaya Lakshmi	Assistant Professor	INAE-Best Innovative Ph. D. Thesis

2018	Dr. M Vijaya Lakshmi	Assistant Professor	IIW-Weldwell Speciality Award for best Ph. D. Thesis

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	1	22/12/2018	20/02/2019
BTech	02	1	22/12/2018	20/02/2019
BTech	03	1	22/12/2018	20/02/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Mahatma Gandhi Institute of Technology is affiliated to JNTUH, Hyderabad. Continuous Internal Evaluation (CIE) is carried out as per JNTUH Evaluation system as follows: For Theory subjects, during a semester, there shall be two mid-term examinations. 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 is set with 20 multiple choice, fill in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50 of the syllabus, the second mid-term examination shall be conducted on the remaining 50 of the syllabus. 5 marks are allocated for assignments (as specified by the subject teacher concerned). 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 25 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. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University. For Practical subjects there shall be a continuous internal evaluation during the semester for 25 marks and 75 marks for semester end examination. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Mahatma Gandhi Institute of Technology is affiliated to JNTUH, Hyderabad. The Academic Calendar for UG and PG courses will be prepared by the affiliating university and communicated to the affiliated colleges before the commencement

of Academic year. The Academic calendar specifies the Commencement of instructions, dates of Mid term examination, last date of instructions, date of Parent -Teacher meeting, Mid exam marks submission date to the university Examination branch, schedule of practical and end semester examination. The college strictly follows the Academic calendar given by the university

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://mgit.ac.in

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
03	BTech	ME	124	96	77.41
02	BTech	EEE	112	93	83.02
01	BTech	CE	121	103	85.12
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2.7 – Student Satisfaction Survey

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

http://www.mgit.ac.in

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	Science Engineering Research Board (SERB), DST	15	5.5
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Conference Innovations in Civil Engineering through sustainable technologies (NICEST'18)	CE	20/09/2018
Ethical Hacking Cyber Security	CSE	24/08/2018
Soft Skills	CSE	28/09/2018

TechAstra, A National Level Technical Symposium	CSE	26/10/2018
Professional of practices	CSE	29/09/2018
Web of Things	CSE	08/05/2019
Seminar on Insights into Materials Characterization	MME	11/03/2019
National Level Students' Technical Conference, METALLON 19	MME	14/03/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Advanced methods of joining for Indian RAFM steel	Dr. M Vijayalakshmi	Indian National Academy of Engineering (INAE)	14/12/2018	INAE Innovative student project award at Doctoral Level
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	IT	15	3.72
International	CSE	11	6.1
National	EEE	15	5
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ECE	3
CSE	5

CE	5

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Experimental Assessment of Dense Bituminous Macadam (DBM) Binder Course with the Binder Modified with Poly Phosphoric Acid	Dr.V.Venkat Ramayya	Indian Highways, Vol. 47. No. 6	2019	0	MGIT	Nill
Laboratory Assessment of Warm Mix Asphalt Mixes When Prepared with Varying Packing Characteristics and Inclusion of Fibre	Dr.V.Venkat Ramayya	Indian Highways, Vol. 47. No. 6	2019	0	MGIT	Nill
Influence of bitumen modification and gradation on performance characteristics of asphalt pavements	Dr.V.Venkat Ramayya	Institution of Engineers - Series A,	2019	0	MGIT	1

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
A Novel Technique for Sidelobe and Backlobe Reduction in Rectangular Microstrip Antenna Array Using Defected Ground Structures	Dr. S. P. Singh	International Journal of Applied Engineering Research	2018	Nill	Nill	MGIT
Implementation of MGA using Verilog	Dr. S. P. Singh	CIKITUSI Journal for Multidisciplinary Research	2019	Nill	Nill	MGIT
Binary Overlay on Train of Pulses for Good Correlation Properties	Dr. S. P. Singh	International Journal of Research	2018	Nill	Nill	MGIT
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	2	11	Nill
Presented papers	4	4	Nill	Nill
Attended/Seminars/Workshops	Nill	3	Nill	3
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachhta Pakhwada from 01-08-2018 to 15-8-2017	NSS	4	50
International Yoga Day	NSS	7	50

Swachh Bharat Summer Internship Programme May to July 31st	NSS	4	50
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 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	Nill
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 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Summer Internship Programme	NSS Unit	Swachh Bharat Summer Internship Programme	5	100
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3.5 – Collaborations

 3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	IIT Hyderabad	Science Engineering Research Board (SERB), DST	1095
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 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Student Internships	Student Internships	Aliens Group,Hyderabad	03/06/2019	19/06/2019	5
Student Internships	Student Internships	Mission Bhageeratha, Hyderabad	01/06/2019	14/06/2019	5
Student Internships	Student Internships	My Home, Hyderabad	30/05/2019	15/06/2019	6
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 3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate

houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
CISCO Networking Academy	17/01/2019	To train the students in Net Work Administration	120
We Make Scholars Edtech (P) Ltd	02/01/2018	Higher studies assistance	21
Education matters	21/10/2019	Higher education courses	10
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2521	2101

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
New Gen Lib	Fully	3.1.3	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	49683	12050338	2950	860657	52633	12910995
Reference Books	11882	3787744	431	178287	12313	3966031
e-Books	577	15000	100	Nill	677	15000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content

NIL	NIL	NIL	Nill

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	782	22	782	2	10	8	10	95	0
Added	191	2	191	1	1	2	10	150	0
Total	973	24	973	3	11	10	20	245	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

150 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nill

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
60	50	2983	2486

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

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.

http://mgit.ac.in/Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical,%20academic%20and%20support%20facilities%20-%20laboratory,%20library,%20sports%20complex,%20computers,%20classrooms%20etc.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	M.Tech Scholarships	46	5000
Financial Support from Other Sources			
a) National	Central sector scheme of scholarship for college and University students	46	160000
b)International	Nill	Nill	Nill
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Career Guidance Cell	04/04/2019	150	COIGN Consultants Pvt. Ltd
Career Guidance Cell	15/04/2019	86	TeraData
CAD software Training	31/01/2019	119	Siva.N Rao, CANTER CADD, Hyderabad
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Workshop on Communication Skills, "Beyond Syllabi" conducted by Career Path Solutions, Hyderabad, 30-31, March	31	35	31	25

| 2018 | Help Desk by Study Path International Pvt. Ltd., Hyderabad for students seeking to go abroad for Higher studies held on 21 August, 2018 | 35 | 50 | 35 | 35 |

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
DELL	193	8	Byjus	76	1

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	CE	University of Adelaiad, Australia	M.S
2018	1	B.Tech	CE	University of New Haven, U.S.A	M.S
2018	1	B.Tech	CE	University of Padova, Italy	M.S

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3

GATE	4
GRE	8
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Athletics	Open to all	500
Volley Ball	Branch wise	200
Kabbadi	Branch wise	200
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nill	NIL	Nill	Nill	Nill	Nill	Nill
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The department of Civil Engineering established a student association named "Civil Engineering Association" (CEA) in the year 2012. CEA conducts various activities like workshops, technical seminars, cube casting competitions, poster presentations, technical quizzes, paper presentations to enhance the quality education in civil Engineering students. The CSI Students' Chapter of MGIT organized a National Level Technical symposium 'TechAstra' On 26th and 27th 2018. The activities conducted are Two Workshops (one on Cyber security and the other on Python Programming) and Two events(Ideathon and projectExpo) , where257 students participated in the workshops and events conducted Students are encouraged to represent on various academic administrative bodies. All the students joined the Department will have membership of Indian Society for Technical Education (ISTE). Under ISTE chapter every year inter-college technical contest will be conducted under the name 'Majestic'. Students from various organizations participate and present their technical skills through PPTs and projects. A few students are also part of The Institution of Engineers (IE), India chapter. Further, Institution of Electronics and Telecommunication Engineers (IETE) chapter organizes a technical fest named 'Microcosm'. Microcosm consists of a faculty member as the convener, who elects a student convenor based on their commitment and presentation about the event. There are more than 100 students directly and indirectly participate in the event to ensure smooth conduction of the event. The event lasts two days and conducts paper presentations, idea discussions, mini-project display, technical talks and other technical related events. Besides these co-curricular activities, students actively participate in anti-ragging committees, NSS activities, feedback, and grievance submissions. From every class a male and a female student represents to escalate certain issues related to academics. The annual day event of the Institute 'Nirvana' includes many student volunteers in various committees for successful conduction of the event. Institute encourages participation of student representatives in various decisions making academic and administrative committees, this enable them in acquiring better academic environment. Student opinions and suggestions are considered to take measures

in view of students perception. Institute puts efforts for the all-round development of a student. They take part in various professional society chapters like IEEE, ISTE IEI. College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Its selection, constitution, activities and funding: •Orientation programmes: On the day admission orientation programme is organized by the college for all the first year students and their parents. •Three weeks Induction programme: With the guidelines issued by AICTE recently, a three week special induction programme has been organized for the first year students of 2018-19. Programmes in the areas of Psychology, Culture, Behavioral aspects, Yoga, Sports and games, Personality development were scheduled continuously for three week. •Mentoring: The college adopts mentor/ tutor system to look after the learning capabilities of students Individually • Each council has a representative council, which is called Class Committee and includes student members too.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. All the Departments of the Institute have appointed the respective Alumni coordinators (faculty members). The undergraduate students are encouraged to take the data of the Alumni and interact with them time and again. Till to date, 8 Institute level Alumni meets have been organized and Department level Alumni interactions are being held periodically. Some of the Alumni, who have established well in their career and set up their own industries/organizations/software centers have been coming down to recruit the undergraduates of the Institute in their organizations. Also, the Alumni of respective Departments are contributing financially towards the smooth conduct of Department Technical Events. During the Institute Level Alumni meets, the Alumni Association has been giving suggestions for further development of students' preparedness for undertaking challenging tasks after graduation. The Alumni from every Department have been guiding the current undergraduate students of the Institute by way of interacting with them through holding Career Guidance Activities within the Institution. 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.

5.4.2 – No. of enrolled Alumni:

246

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

- The meeting was held on 29th December 2018. Alumni have visited all the laboratories. • Alumni were informed that, P. Ashok Reddy, 2013-17 batch and J. Satya Sai Venkat Reddy, 2013-17 batch will be delivering guest lectures on the following topics P. Ashok Reddy - Challenges in Construction Industry J. Satya Sai Venkat Reddy - Advanced Construction Techniques • They were briefed about the vision, mission, PEO'S and PSO'S of the department and discussed for changes if any. • Alumni present expressed interest to deliver more Guest Lectures. • They were ready to be Associated with the departmental activities when ever called for.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The College follows the policy of decentralization. The Governing body delegates all the academic and non-academic decisions based on policy to the college Committees headed by the Principal. The college Committee formulates common working procedures and entrusts the implementation through Departments. The Department coordinator manages the day to day activities of the Department and keeps a track on co-curricular and extra-curricular activities in the College. The institution has decentralized and lucid mechanism in management, administration, financial and academic affairs. This mechanism works on assigning appropriate responsibilities in a hierarchical manner and allows the top management to focus on policy making and major decisions. The Principal ensures the smooth functioning of the Institution with the support of Deans and other supporting officers. Director AES / Dean Academics Director AES shoulders the responsibility of overall development of college in curricular front. He looks after the progress of student's attendance and focuses on student outcome. The same will be coordinated with the Head of the Department and the student's identified with poor results are sent for counselling to ensure better results. Dean Academics delegates the duties for appropriate and smooth functioning of institution by assigning staff to monitor discipline inside the campus. The Dean ensures the course objectives and outcomes are fulfilled by regular review meetings with class teachers and students. Dean Research and Development and Consultancy Dean RD is responsible for the ethical conduct of research and for establishing and maintaining a culture of compliance and integrity among faculty, staff, and students. He provides direction, resources, and oversight to help ensure that research is conducted in accordance with Institutional regulations and University and sponsoring agency policies and procedures. Role of the dean includes promoting fair conduct in all aspects of the research process including but not limited conflicts of interest, data acquisition, management, sharing and ownership, publication practices, responsible authorship, and collaborative research and reporting. The decentralized mechanism exists even at the department levels. HODs are invited for the Governing council meeting and the Governing council members and management interact to develop strategies for the development of the Departments and the Institution. This shows that the institution has decentralization of administration through departments and has participative management.

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

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):	
Strategy Type	Details
Curriculum Development	This is achieved in college level through university BOS, JNTUH, N/A to the Department
Teaching and Learning	The term teaching method refers to the general principles, pedagogy and management strategies used for classroom instruction. Teaching methods differ based on educational philosophy, classroom demographic, subject area, and staff are given their liberty to choose the best suited method. Meetings are conducted at department level and exchange of ideas and Innovative teaching practices are discussed every semester before the commencement of class work. The general teaching learning methodology followed is student-centered approach in learning where teachers and students play an equally active role in the learning process. Learning outcomes are verified periodically through student feedback and Departmental meetings. Discussions on the high tech approach to learning that utilizes different technology to aid students in their classroom learning are in pipeline.
Examination and Evaluation	This is achieved in Institution level with guidance from Dean Academics and AES. The question papers for the internal assessment are framed by the staff handling the subject with emphasis given to blooms taxonomy and CO and POs. The internal assessment is of 25 marks for theoretical subjects of which 10 marks is for the descriptive paper, 10 marks for MCQ and 5 marks for assignment. We follow a system of giving variety of assignment type that best suits the student and subject.
Research and Development	This is achieved in Department level with guidance from Director RD. Staff carry out research based on their PhD work with and without collaboration with other Universities. All the M.Tech Thesis work carried out in the Department are one of a kind.
Library, ICT and Physical Infrastructure / Instrumentation	Department Library has been shifted to E006. All class rooms were provided with ICT. In addition, first year class rooms are provided with ICT post the NAAC inspection. Additional physical infrastructures are new and extended

	Transportation Engineering Lab, PG lab with 18 new desktop computers and Soil Mechanics lab extension to make it more spacious. New instrumentation, Compression Testing Machine was procured in Strength of Materials lab post NAAC inspection 2018.
Human Resource Management	HR manager appointed post NAAC inspection, takes care of the HR management at Institution level.
Industry Interaction / Collaboration	III year II semester summer break is utilized for Industry interaction as mini projects, which is mandatory. In IV year I semester the work conducted in the mini project is reviewed regularly in IOMP (Industry Oriented Mini Project) session every week. This session of 120 minutes is included in their regular time table.
Admission of Students	This is achieved in college level through EAMCET, Spot admissions and not applicable at the Department Level.

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

E-governace area	Details
Planning and Development	The lecture plan for the semester is planned before the commencement of class work and the same is uploaded in college web portal WINNOU.
Administration	All the updates are posted in the MGIT college website.
Finance and Accounts	All the payments to the suppliers are made through cheques and NEFT / RTGS. Purchasing and accounting is handled by a centralized system for the CBES institutions.
Student Admission and Support	Details of the students admitted into MGIT are updated in winnou. This is a portal for posting the attendance of students, mentoring details/ comments, manage class material, entering sessional marks, student details, time table, lesson plans, circulars, staff details / profile and leave application. This web portal can be accessed by teaching staff, students and student's parents.
Examination	Students sessional marks, credits and backlogs are uploaded in winnou.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/	Name of the	Amount of support

2018	Ms. P.Neeraja	workshop attended for which financial support provided	professional body for which membership fee is provided	
		One day national workshop on Disaster Management	JNTUH	500
2018	Ms. S.Balapadmaja	Geo Application	IGC Hyderabad Chapter	800
2019	Ms. S.Balapadmaja	Geo practices	IGC Hyderabad Chapter	600
		View File		

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NICEST18	NA	16/02/2018	17/02/2019	24	4
2018	NA	Workshop on Communication skills Training by M H Department of MGIT	04/06/2019	Nill	Nill	4
2018	One week National Level Faculty Development Programme	Machine Learning Through Mathematical Modelling Supported with Python R-Soft	02/07/2018	07/07/2018	60	Nill
		View File				

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Significance of MATLAB in Applications of Emerging	1	26/06/2019	26/06/2019	1

technologies				
Machine Learning in Image and computer vision applications	1	24/06/2019	29/06/2019	7
Machine Learning Applications in Signal Processing	1	04/06/2019	09/06/2019	7

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
15	54	1	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Implementation of DA regularly • Implementation of Group Health Insurance • Implementation of PF for eligible staff • Providing subsidized transport ,canteen facility and confectionery • Provision of purified drinking water round the clock • Provision of health centre with digitalized equipment • Organizing Medical camps at regular intervals • Provision of Medical and Maternity leaves for eligible staff • Encouragement of staff for attending professional courses online and offline • Motivating staff for publishing technical papers • Encouraging staff for organizing conferences, FDP's and seminars.	• Implementation of DA regularly • Implementation of Group Health Insurance • Implementation of PF for eligible staff • Providing subsidized transport ,canteen facility and confectionery • Provision of purified drinking water round the clock • Provision of health centre with digitalized equipment • Organizing Medical camps at regular intervals • Provision of Medical and Maternity leaves for eligible staff • Conducting training programmes for improving communication and Technical skills.	• Appointed a Counsellor and allotted slots for counselling students regularly for their personal and academic improvement • Encouraging students to do mini projects in industry and regularly monitoring their work through IOMP. • Encouraging final year students to attend SWAYAM NPTEL online course (MOOCS) as a part of their curriculum. • Conducting Technical seminars regularly • Providing facilities for students major projects • Providing subsidized transport ,canteen facility and confectionery • Provision of purified drinking water round the clock • Conducting Guest lectures and alumni interaction • Organizing Medical camps at regular intervals • Enabling students express their opinion through Centralized and departmental Class Review Committee. • Providing

			Campus recruitment Training and Placements • Encouraging students for organizing Technical fests

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

1 Institution conducts internal and external financial audits regularly (with in 100 words each) Financial planning ensures consistency of goals, aligning the growth objectives of the institute with its financial requirements. It also supports the strategic growth of the organization. To Begin with the End in Mind, the institute plans and accumulates the right amount of funds by gathering the inputs and requirements from its associated departments. Financial Planning is exercised well in advance for the organization and efficient Budgeting Controlled mechanism is done by involving the various Academic Departments and Administrative Sections of the Institute. Financial planning and review is done in periodic intervals through statutory - Finance Committee headed by Principal, Dean- Administration, Management representative, Account Personnel as members. Finance Committee meets 4 times a year and reviews the income- expenditure statements and suggest further action plan. Management through Governing Council looks in to income and expenditure pattern and pragmatic recommendations are given. Well-structured financial section is in place and every financial transaction is recorded through software. Financial Rules are in place in the Institute and "No- Cash" Transaction System is followed. Fee Payment is encouraged through online mode. Flexible financial system allows spending more than the budget allocated as per the approved budget on the benefit of demands and requirement. Optimal utilization and execution of the budget is monitored through internal and external auditing. Internal audit is conducted on quarterly basis and the statutory external audit is conducted annually by charted accountants. All government Scholarships and Funds received from government as Grants are audited separately by the Auditor appointed by government. Audited financial statements are made public by placing it on institute website and are sent to the statutory and regulatory bodies. An effective financial management system is in place and is helping the institution in overall growth.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Chaitanya Bharathi Educational Society (CBES)	635750	Technical Fests Events
[View File]()		

6.4.3 – Total corpus fund generated

635750

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Fact Finding	Yes	IQAC of the

		Committee from University JNTUH		Institution
Administrative	Yes	Fact Finding Committee from University JNTUH	Yes	IQAC of the Institution

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

NIL

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

• Training Programme by personnel from HEICO, New Delhi, on CTM – Servo Controlled Compression Testing Machine of 3000KN capacity. • Workshop on IoT • Workshop on ECAD VLSI • Technical staff to undergo training for new software and equipment. • Organizing communication skills training . • 5-Day workshop on CISCO Networking Academys IOT Fundamentals : Connecting Things 1.0 8th July, 2019 to 12th July, 2019. Introduction to IOT course of CISCO certification in collaboration with CISCO Networking Academy • Department organized Training programs on CNC programming, AUTO CAD and Pneumatics Hydraulics Simulations using Auto SIM-200 software. • The supporting staff are being deputed to visit the Industries and Research Laboratories nearby to understand the newer developments being undertaken • The supporting staff are made involved in the escort of undergraduate students to visit the organizations that undertake the processes of metallurgical engineering • The supporting staff are being trained on new equipment procured in the Laboratories.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Efforts were made to grab funded projects from SERB of worth Rs 15 Lakhs • Faculty were inspired to take up online MOOCs NPTEL courses for knowledge up-gradation. • Mentoring hour included in timetable to provide an exclusive interactive session with mentor and mentee. • Counselling session with the student counsellor on every Wednesday forenoon in the Department to resolve student's academic and personal challenges. • All India Council for Technical Education (AICTE) approved on the Grant – in – aid of Rs. 14,00,000/- for completion of Modernization and Removal of Obsolescence Scheme (MODROB) on up-gradation of Existing Network Programming Laboratory in Mahatma Gandhi Institute of Technology(MGIT) under the Scheme MODROB. Only the amount of Rs. 11,20,000/- is sanctioned as first instalment. • Department organized Training programs on CNC programming, AUTO CAD and Pneumatics Hydraulics Simulations using Auto SIM-200 software.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	One day NAAC Accessors	14/07/2018	14/07/2018	14/07/2018	40

2018	Blooms Taxonomy	28/07/2018	28/07/2018	28/07/2018	40
2019	In-house training on Autonomous Structuring	09/05/2019	09/05/2019	09/05/2019	30

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Sensitization classes for II years as part of curriculum	09/07/2018	10/11/2018	34	96

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. Rain water harvesting structures and utilization in the campus: Towards Social responsibility, the institution authorities have taken measures to implement rain water harvesting in the campus with a view to recharge the ground water table. The rain water harvesting pits were constructed as per the standard guidelines recommended by Central Public Works Department (CPWD) India, at identified locations in the campus and details of which are mentioned as under. Each pit measures 3m x5m in size and 1.5m deep. Pit No Location 1 Parking Place 2 Between B and C Block 3 Between C and D Block 4 Adjacent to Football court 5 Behind E-Block 2. Green landscaping with trees and plants: (BUDGET 2 LAKHS / ANNUM) The institute has taken several measures for plantation to make Green Campus. 60 of total area is covered with trees and lawns. A number of trees exist at different places in the campus. Tree plantation in the campus is a regular activity under NSS. 3. Solid Waste Management: Institute is making efforts to make it free from plastic usage. Solid waste includes canteen waste, paper waste, disposable cups, used tissues, waste of eatables, tin, cans and peelings etc. They are segregated into dry and wet waste and collected separately into keeping separate bins. The waste in the campus is disposed in an eco-friendly manner without polluting the environment. Appropriate composting methods are being practiced for decomposition of garbage by developing composting pit and the produced fertilizer is used for gardening on the campus. Remaining waste will be collected by GHMC for its disposal and recycling having tied up with WOW - an agency working with GHM. Used paper will be donated to the people in need of them and given to appropriate purchasers. Swachh Bharat, clean green activities and plantation programs are regularly carried out to keep campus clean in addition to routine maintenance of greenery. 4. Liquid Waste Management: Liquid waste from sanitation is let into the appropriate drainage system provided by the municipality. Waste from drinking water treatment plants is collected in overhead tanks and used for sanitation and gardening. There are plans to construct Sewage treatment plant

and production of organic compost with decomposition of liquid waste. College also educates the students regarding rain water harvesting and takes up activities related to save water campaign. Trees and lawns are maintained with water drips and sprinklers to avoid water wastage. The campus landscape allows excellent Percolation of rain water into the ground. 5. E-waste Management: Some Working computers were donated to nearby school. Appropriate steps are being initiated to reduce the E-waste material generation to certain extent. Electronic waste and computer accessories are given to licensed purchasers for recycling. 6. Solar LED Street Lights: Institute is using the LED lights with Solar Energy and are safe Clean Green Energy

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Braille Software/facilities	No	Nill
Rest Rooms	Yes	4
Scribes for examination	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	11/01/2018	7	Road Safety Week	Awareness about traffic rules	150
Nill	2	2	02/02/2019	1	Pulse polio Immunization	Created awareness on pulse polio immunization	4
Nill	2	2	19/02/2019	1	Tribute to Armed Forces	Rally to pay tribute to martyred soldiers	15
					[View File](#)		

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
MUSINGS	12/03/2019	Musings is the Handbook will be published every year which consists of

		Information regarding the departmental Faculty and Students achievements during the course of that year. Musings also have the information regarding the Training Placement Activities, Student Chapters, Alumni Association and NSS Activities. It will publish the poems written and art drawn by the Students which have the human values.
College Prospectus for students	01/07/2019	• Value Added classes • Moral Science • Professional Ethics class • Gender Sensitization Lab • Moral Science

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tribute to Martyred Soldiers	19/02/2019	19/02/2019	9
General Election Volunteers	04/11/2019	04/11/2019	27
Rashtriya Ekta Divas	31/10/2019	31/10/2019	250

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

• Rain water harvesting pits • Green Landscaping • Telangana Harithaharam (Plantation drives) • Led Lighting by Solar Energy • Swachh Bharat • Plastic Free Campus • Effective E-waste management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Holistic approach for overall development of student by emphasizing co-curricular and extra curricular activities 2. Mentoring System handles students individually by setting reasonable goals and working on their confidence and independence. Mentoring program is designed to facilitate student achievement, improve student behaviour, attendance, and help students develop socially. Students are regularly counselled by the mentor assigned to the student. 3. Conduct of Road safety week every year aimed at raising awareness about traffic rules and ultimately to reduce casualties due to road accidents. Road safety week is organized to provide logistic support to the Road Safety Week Campaign. 4. Campus recruitment and training programmes are organized by Training Placement section to train the students in soft skills, analytical and logical ability essential for today's corporate environment. It is also designed to bridge the gap between the education and industry requirements. Placement Activity is scheduled for two hours every week in the time table. 5. 360 degrees feedback mechanism in teaching learning methodology 6. Training the students towards industry readiness 7. Skill development programme- Certification courses 8. Student Centric technical clubs have been started

(CSI,ISTE,IEEE,E-Swecha, Code of Delegate Engineers). 9. Remedial classes are conducted to help academically weak students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://mgit.ac.in/Institutional%20Best%20Practices.pdf

7.3 – Institutional Distinctiveness

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

The institute monitors teaching learning process by imparting pedagogical methods of teaching with emphasis on Bloom's Taxonomy levels of learning. The institute has centralized feedback system along with the feedback by the Academic Examination Section (AES) to provide quality education to its stake holders. Emphasis is being given for Research and Consultancy activities to generate revenue and also to strengthen the industry-institute interaction. Students are being sent to industries for internships for imparting practical knowledge and MoUs are signed for enhancing industry-institute collaborative activities. The technical fests will be organized by the various Departments along with College annual day celebrations NIRVANA every year to foster Co-curricular activities. The NSS unit of MGIT is actively engaged in organizing Blood Camps, Swachcha Bharath Programs, Tree Plantations (Haritha Haram as coined by Telangana Government) and village visits towards its social responsibility. The Literary Club, Cultural Clubs and Physical Education Departments of MGIT are working hard to bring out hidden talents in the students towards extra-curricular activities. A compilation of these activities are released through MUSINGS during NIRVANA annual day celebrations. The Civil Engineering Department organizes Road Safety Week Programme every year during the National Road Safety week i.e. 2nd week of January to sensitize people on Road Safety awareness measures. The institute has a health centre with Ambulance facility catering to the needs of the people round the clock. The institute has facilties like ramps, lifts wheel chairs for Physically challenged people.

Provide the weblink of the institution
http://mgit.ac.in/Institutional%20Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

• Introduction of new UG and PG Programmes with employability potential. • The Institute making efforts to apply for Autonomous status. • Enhancement of Infrastructural facilities by way of constructing sports complexes. • Achieving academic excellence • Enhancing Social responsibility among Faulty, Staff Students • Implementation of 7th CPC scales.