Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**GM INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr Y VIJAYA KUMAR**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08192233345**
Mobile no.	**9448133377**
Registered Email	**principal@gmit.ac.in**
Alternate Email	**dr.praveenj@gmit.ac.in**
Address	**Post Box. No 4, P B Road**
City/Town	**DAVANGERE**
State/UT	**Karnataka**
Pincode	**577006**

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. H S Govardhana Swamy**
Phone no/Alternate Phone no.	**08192233377**
Mobile no.	**9663736535**
Registered Email	**iqac@gmit.ac.in**
Alternate Email	**principal@gmit.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.gmit.ac.in/76/AQAR201819.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gmit.ac.in/coe/201920COE_ODD_EVEN.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.82**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**01-Aug-2017**

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
NSS Activities	**23-Nov-2020** **12**	**400**

International Conference Day	17-Jul-2020 2	100
Alumni Meet	14-Jun-2020 1	350
Webinar on IPR and Innovation in Association with KSCST and CIPAM	19-May-2020 1	120
Newsletter	06-May-2020 365	2500
Virtual Classroms using Online Teaching Platforms (such as Impartus, Google Meet, MS Teams, Zoom)	02-Apr-2020 365	2500
EDP on Solar Power Generation and Opportunities	14-Feb-2020 2	100
Bridge Course on C++ for 4th semester students	10-Feb-2020 4	400
Basic Electrical Mini Project Exhibition	03-Dec-2019 1	120
Product Release on - OROMO COFFEE POWDER	03-Oct-2019 1	20
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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
GMIT / MECH/ Dr. Ganesh D B	VGSTCISEE	VGST, Karnataka	2020 365	1000000
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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 :	**4**
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	**No**

the funding agency to support its activities during the year?	

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

1. Four programs in the Institution got NBA accreditation. 2. Successful conduction of ONLINE ALUMNI MEET2020 with alumni participating from different parts of the world.

3. Initiation for release of Volume1 and Issue1 "GMIT Reflection" Newsletter 4. Product Release of "OROMO COFFEE POWDER"

5. Virtual Classrooms using Online Teaching Platforms (such as Impartus, Google Meet, MS Teams, Zoom.

6. COVID19 Awareness Programme Masks Distribution after reopening of college for faculties, Walkathon to create "Cancer Awareness", "Race for 7 (Walkathon)" to create awareness about rare diseases and Walkathon to create awareness about "Save Water" under NSS.

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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
To encourage research activities among the faculty members and to undertake more extension activities for reaching out to the community	Product Release OROMO COFFEE POWDER on 03/10/2019
Involvement of Students in undertaking study project	Organized Mini Project Exhibition for first year students on 03/12/2019
Placement training will be organized for UG students	Training program organized from 13.08.2019 to 22.08.2019
All the departments are planning to motivate students to join online learning platforms	Students and faculty members are registered in online learning platforms like SWAYAM and NPTEL
Improvements in the Library Services: New Books/ Journals/ Magazines Subscribed	New books added: 1209 E Resource access:12 Journals subscription: 61 Magazines subscription: 12
Initiative towards student's skill development programs	Bridge Course on C++ for 4th semester students from 10th to 13th February 2020, EDP on Solar Power Generation and Opportunities on 14th and 15th February 2020
Usage of Online Teaching Platforms (such as Impartus, Google Meet, MS Teams, Zoom)	Virtual Classroms using Online Teaching Platforms (such as Impartus, Google Meet, MS Teams, Zoom)
International Conference Day	Organized on 17/7/2020

Initiative towards faculty development programme	Conducted Webinar on IPR and Innovation in Association with KSCST and CIPAM
Encouragement to community services	NSS activities: Blood Donation camp, Special talk on Bharath Ko Jano in collaboration with Bharath Vikas Parishad, "Race for 7 (Walkathon)" to create awareness about rare diseases, World Environmental Day & International Yoga Day etc.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	**06-Mar-2021**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**01-Feb-2020**

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 Institution has an ERP portal system to collect, organize process and validate different data for decision making. ERP provide functionalities specific to institutional needs and provide facilities to store and manage data by different stake holders. ERP keep the facts and figures updated and transparent. Prominently, the students' data is updated on regular basis and this information can be retrieved and the right information is made immediately available to the right person, at low cost, and is used for decision making. The access to GMIT ERP is available 24x7 ? LAN through URL: http://gmiterp/erp/ with a speed of 20 MBPS. ? WiFi through URL: http://erp.gmit.info/erp with a speed of 25 MBPS. The GMITERP consist of the following modules (2 more modules are**

added during this academic year) 1. Academics 2. Students system 3. Hostel 4. Leave system 5. Payroll 6. Admission 7. Self appraisal 8. Inventory This academic year, 'faculty selfappraisal' is introduced in the ERP portal, which enables the faculty to access their growth in different terms like academics, research, institutional level contributions, papers published, patents filed, etc. The 'selfappraisal' consisting of 1000 points is very precisely designed. Also the 'Inventory' section maintains the inventory data of the institution. The 'Academics' section in the ERP gives access to the faculty members and higher authorities to the calendar of events, timetable, lesson plans, daily attendance report, IA marks entry, and exam marks entry. The time table section displays the scheduled classes, forum activities, and laboratories. The lesson plan section of ERP includes both 'planned dates' and 'actual dates' along with CO mapping to each module of the prescribed syllabus. The faculty documents the attendance and IA mark in ERP after every class/lab and IA respectively the access of the same is given to the student counsellors who can monitor the attendance status of the students and can counsel the student if there is a shortage of attendance. Each faculty can generate the progress report and also send the same to the parents/wards of the students of their respective counselling batch. Also, the leave management of the faculty is done via ERP where the faculty can apply for leave via ERP and the leave is availed when the leave is approved by HOD and the Principal. The student feedback of the faculty is given via ERP and the same reflects on the respective faculty's ERP portal. The same feedback is used by the higher authorities to suggest corrections in teaching methods to the faculty if required. The 'Activity section in the ERP portal includes the NBA work details wherein the faculty can document the NBArelated work done. The activity register can be used by the faculty to mention their strengths and take up different institutional assignments in alignment with their strengths and interests. The

dues section completely maintains the student fees paid and fees dues data. ERP portal also includes the Grievance/suggestion section as well, hence always being flexible and open for improvement.

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

The Vision, mission and objectives are formulated considering the guidelines given by UGC and Visvesvaraya Technological University, Belagavi. The institution has been trying its best to achieve the vision and mission by imparting quality education by building the personality of students through various programs, courses. Institution follows the curriculum given by Visvesvaraya Technological University. Institution has set up outcome based education (OBE) process. At the beginning of every academic year, university gives academic calendar about dates of commencements of the semester, end of the semester, continuous internal evaluation, semester end examination, practical examination and holidays etc. Based on the inputs through IQAC, DAB (Department Advisory Board) and academic coordinator, academic calendar will be prepared for the college. Each department prepares academic calendar for the department consulting the head of the department. Principal held a common meeting with all teaching and non-teaching staff before commencement of semester. Teaching Plan of each course is prepared in line with department academic calendar by every course teacher in ERP. The Curriculum delivery is planned and delivered to attain the Program Outcomes (POs) identified by each of the programs/departments aligned with POs as specified by NBA. Further the content to be delivered is designed to address attainment of Program Specific Outcomes (PSOs) detailed by the departments. The POs and PSOs for each of the departments have been uploaded on Institute website. An induction programme is conducted for first year engineering students before the commencement of classes. Imparting guidelines for upgrading innovative and creative teaching learning process, methodology, tools and techniques at periodic intervals by implementing advanced concept of pedagogy, ICT, learning management system, student centric methods, participative learning etc. for enhancing teaching and learning experience. The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, presentations/seminars, mini projects, tutorials, group assignments, tutorials, case studies, industry visits, industrial training, internships, hands-in-sessions, e-learning, NPTEL lectures, knowledge wall, technical quiz, assignments, internal-tests have been designed. Training needs of faculty are identified by the head of the department. Faculty is encouraged to attend short term training programs (STTPs), faculty development programs (FDPs), Seminars, Workshops, Industry Training etc. to bridge the need. Contents beyond curriculum are identified and taught both in the classroom and in the laboratory to expose student learning to recent trends in the industry. The institute encourages its students to participate in Workshops/Conferences/Seminars organized by the University and other relevant bodies so as to update their knowledge and to improve the learning practices. The institute provides adequate number of books and other teaching and reference materials like journals, magazines, e-books and digital resources. HOD monitors the progress of syllabus coverage every fortnight through ERP. The number of lectures planned and the number of lectures actually

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
NIL	NIL	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
No file uploaded.		

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
BE	Electronics and Communication Engineering	01/08/2019
BE	Mechanical Engineering	01/08/2019
BE	Civil Engineering	01/08/2019
BE	Computer Science and Engineering	01/08/2019
BE	Information Science and Engineering	01/08/2019
BE	Biotechnology	01/08/2019
MBA	Marketing/Finance, Marketing/HR, Core Finance	01/08/2019

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

	Certificate	Diploma Course
Number of Students	639	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
Do Engineering using NI LabVIEW	28/02/2020	51
Insights on Medical Image Processing using VTK and Deep Learning Process	02/01/2020	26
SDP on Internet of Things	11/03/2020	92
Artificial Neural Networks	13/03/2020	108

Training Program on employability skills	13/08/2019	139
A Five Day Bridge Course on "Object Oriented Concepts"	10/02/2020	63
One Week Workshop on "Application Development using MySQL and PHP"	23/09/2019	56
Five Day Workshop on "Foundation to IoT Its Programming on Cloud Platform"	25/02/2020	56
Placement Training on "Employability Skills" (Conducted by: Mission Ignite, Hyderabad)	13/01/2020	139
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electronics and Communication Engineering - Internship	133
BE	Mechanical Engineering - Internship	124
BE	Civil Engineering - Internship	86
BE	Computer Science and Engineering - Internship	75
BE	Information Science and Engineering - Internship	56
BE	Biotechnology - Internship	27
MBA	Masters in Business Administration - Internship	53
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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
Feedback is being obtained to evaluate the performance of the faculty inside the class room by his/her students twice during each semester – 1. Formative feedback and 2. Summative feedback. The formative feedback is obtained during 3rd/4thweek of every semester and the summative feedback is obtained during the final weeks of the semester. The students would participate in giving the feedback online. The formative feedback would be analyzed for both the academic performance and the inter-personal relationship criterion of the faculty competence as visualized by the student perception. The reasons for the said performances are identified by the individual faculty/department/institution and actions are strategized to eliminate the causes of disruption. The actions are implemented subsequently. The summative feedback is analyzed to establish the improvements on action initiated after the formative feedback. A feedback to evaluate the facilities provided by the institution and the ambience provided for student centric learning is obtained at the end of the program every year from the outgoing final year students. The results are analyzed, corrective and preventive actions are initiated to overcome any flaw/s indicated by the said feedback. Also feedbacks are obtained from alumni towards their possible contribution to curriculum Development/curriculum enlargement/enrichment to support our students in employment and creating an awareness of expectations of the industry in fresh graduates. The obtained feedback is analyzed and the action taken report is prepared and corrective actions are implemented subsequently Students' feedback about teaching course is taken twice in semester through ERP system. Feedback from Teachers and Alumni are also taken on curriculum at the end of the semester is given due importance for continuous improvement in curriculum plan and delivery.

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
BE	Biotechnology	45	40	30
BE	Electronics Communication and Engineering	120	125	136
BE	Mechanical Engineering	120	120	84
BE	Civil Engineering	60	50	75
BE	Information Science and Engineering	60	70	64
BE	Computer Science and Engineering	60	75	69
MBA	Masters in Business Administration	60	65	57
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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
2019	458	57	98	6	104

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
98	95	3	27	6	2
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Mentoring outcomes: The teaching effectiveness should be judged by the quality and extent of student learning, and that there are various teaching styles and methods that are likely to be effective. The institute provides training to address practical issues about relationships at different levels, and developing listening skills and problem solving techniques. Support also includes developing the content and process of training, helping mentors to develop a necessary understanding and the skills for mentoring. Such support also specifies the mode, objectives, duration and regularity of mentor and mentee training. Mentoring refers to the different roles and behaviors exhibited by the mentors with respect to the mentees in the course of the relationship. The psychosocial functions, on the other hand, refer to those aspects of the relationship that enhance the mentee's sense of self-worth and personal effectiveness. These include counselling, friendship, acceptance, confirmation, and role modelling. Some examples of basic mentoring activities in the institute include: demonstrating teaching techniques to a mentee, observing mentee's classroom teaching and providing feedback, and holding support meetings with the mentee. Mentor also suggests that identified promising students to work with a professor on a major research project, or other creative enterprise - as a special assistant for library research for instance. Other activities identified were having two or more meetings and telephone conversations with a faculty member, letters from the programme office, an internet or video component as part of the students' mentoring activities, attending professional meetings, and participating in off-campus experiences. In addition, mentors and mentees to engage in the relationship, i.e., the mentee has to be willing to receive guidance and support and the mentor willing to give advice. This may depend on career goals and needs, career development. The more frequently cited mentee outcomes in institute is greater personal and career satisfaction, career progress, greater professional confidence, sense of enhanced power, increased self esteem, better knowledge. Further, the mentees' outcomes frequently encountered are higher academic success/higher grades, social integration, satisfaction with college and adjustment to college. Other mentee outcomes identified include professional skill development, networking, initial employment, career eminence, personal health. Several different sources and methods should be utilized to provide a more comprehensive overview and to ensure a range of teaching processes are explored. Each of these sources can provide unique information, but when used alone each has limitations. A combination of techniques can make up for the deficiencies of student end-of-course learning. Teaching of students need to be supplemented by other methods, for example, peer observation or review of course artifacts, such as syllabi, course activities, and assessments. Colleagues in the discipline/programme are made to determine whether course activities are appropriately challenging and accurate. By drawing upon three or more different sources of evidence, the strengths of each course activity can compensate for the development of Course activities. Thus creating a bridge between learner and teacher for better understanding of basic concepts.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio

1812	122	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
78	98	7	6	24

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
2020	Dr. Gurumurthy D. M	Assistant Professor	Young Scientist Award by DK International Foundation. Tamil Nadu
2020	Mr. Rakesh N.R	Assistant Professor	Best Paper Presenter, GMIT Conference
2020	Dr. Mohameed Yaseen	Assistant Professor	zero investment innovative ideas
2020	Mr. Puttaraj M H	Assistant Professor	NPTEL Course Translator
2020	Dr. Srinivasa C V	Professor	I20R National Eminent Researcher Award
2020	Dr. Srinivasa C V	Professor	Best Senior Scientist Award
2020	Dr.Bharath K N	Associate Professor	Post Doctorate, Washington State University
2020	Dr.Bharath K N	Associate Professor	Young Achiever of the Year
2020	Dr. Mohameed Yaseen	Assistant Professor	Educator Excellent Award
2020	Dr. Mohameed Yaseen	Assistant Professor	Best Project Award 2020 from KSCST, DST, GoI
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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
BE	UG-CS		01/06/2020	07/08/2020

		2,4,6,8/1,2,3,4		
BE	UG-IS	2,4,6,8/1,2,3,4	01/06/2020	07/08/2020
BE	UG-EC	2,4,6,8/1,2,3,4	01/06/2020	07/08/2020
BE	UG-CV	2,4,6,8/1,2,3,4	01/06/2020	07/08/2020
BE	UG-ME	2,4,6,8/1,2,3,4	01/06/2020	07/08/2020
BE	UG-BT	2,4,6,8/1,2,3,4	01/06/2020	07/08/2020
MBA	PG-MBA	2,4/1,2	01/06/2020	13/08/2020
BE	UG-CS	1,3,5,7/1,2,3,4	30/11/2019	25/02/2020
BE	UG-IS	1,3,5,7/1,2,3,4	30/11/2019	25/02/2020
BE	UG-EC	1,3,5,7/1,2,3,4	30/11/2019	25/02/2020

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

The evaluation of teaching is a critical aspect in higher education. Faculty evaluates classroom teaching as part of the student understanding/observation process. Different types of documents, such as course materials (syllabus, and assignments) and/or result of student works (exams, projects, and quizzes), will also be taken for evaluation. The evaluation of course materials usually occurred when the purpose was to provide formative feedback to the educator. Certain types of documents are additionally requested when the information for evaluations is performed from this type of evaluation was intended to be used for promotion purposes, annual review, and/or accreditation. The educator conducting his or her own student evaluation, which is most common. For example, some of the faculties specified using different classroom techniques such as minute paper or having their students write to gather feedback about their teaching and to assess student learning. Only a few of the participants specified asking another, such as a person from a Center for Teaching and Learning, to come and perform mid-course evaluations, providing feedback on how the educator may improve his or her teaching. The intention was normally to facilitate assessment and improvement of teaching for newly hired educators or an educator teaching a class for the first time, or to help an educator trying a new teaching technique. Another important component is that the methods used to evaluate teaching is either used for formative or summative evaluation. For example, there is an almost equal split between formative and summative use for student-end-of course evaluation while the evaluation of classroom materials used.

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

GM institute, is affiliated VTU Belagavi. For effective implementation of the curriculum, the following process is developed. The Principal of the college conducts meetings with department heads to develop strategies. The academic calendar provided by the university, is circulated to all departments. Similarly, the Institute will prepare Calendar of events. Teaching faculty impart the curriculum through innovative teaching methods such as

presentations, assignments, discussions, workshops, seminars and industrial visits besides the regular/traditional chalk and talk methods. The College encourages its faculty members to participate in Orientation/ Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge. The Institute provides reference materials like journals, magazines, teaching models and software to enable and ensure effective delivery of curriculum. Library procurement of books, journals, e-journals ensure staff have opportunities for keeping their skills and industry/business expertise up to date Encouraging faculty members to evaluate their own learning and teaching practice. The teaching and laboratory plans are approved by Head, Dean Academics, IQAC and Principal, before the start of semester, communicated to students by respective course Faculty. IQAC monitors the academic activities on regular basis to ensure the execution of timetable. It also monitors execution of academic calendar and teaching learning process and finds the gap, The academic performance is continuously monitored by theory/practical during the semester. Bridge courses are conducted for the students to help them understand basic concepts of industry, academia and alumni on curriculum are taken regularly. Establishing MOUs with various industries and institution. Every Faculty member is tried to achieve PEOs and POs of each program of study is framed by department committee.

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://gmit.ac.in/76/po201920.pdf

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
PG-MBA	MBA	Masters in Business Administration	42	37	88.09
UG-ECE	BE	Electronics and Communication Engineering	118	115	98.97
UG-BT	BE	Biotechnology	16	16	100
UG-ME	BE	Mechanical Engineering	121	117	96.69
UG-CV	BE	Civil Engineering	62	58	93.54
UG-IS	BE	Information Science and Engineering	49	48	98
UG-CS	BE	Computer Science and Engineering	74	74	100
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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)

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
Total	Nill	Nill	1.41	1.41
Any Other (Specify)	0	NA	0	0
International Projects	0	NA	0	0
Students Research Projects (Other than compulsory by the University)	365	KSCST	0.81	0.81
Projects sponsored by the University	365	VTU	0.6	0.6
Industry sponsored Projects	0	NA	0	0
Interdisciplinary Projects	0	NA	0	0
Minor Projects	0	NA	0	0
Major Projects	0	NA	0	0
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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
E-TABS Software	Civil Engineering	26/08/2019
Smart Irrigation Using Internet of Things	Civil Engineering	15/06/2020
Teaching learning process, course outcomes and program outcomes	Civil Engineering	04/07/2020
Advances in flood Estimation methods	Civil Engineering	14/07/2020
Recent trends in	Civil Engineering	16/07/2020

Environmental Impact Assessment for sustainability		
Do Engineering using NI Lab VIEW	Electronics and Communication Engineering	28/02/2020
IOT	Electronics and Communication Engineering	11/03/2020
Webinar on Intellectual Property Rights and Innovation organized by "Centre for Intellectual Property Rights (CIPR)",GM Institute of Technology, Davangere, in association with KSCST IISc Campus, Bengaluru Cell for IP	Mechanical Engineering	19/05/2020

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
PLASMA – 2019	Amith Gaikwad	JNNCE, Shivamogga	04/10/2019	Paper Presentation
INSTRONICS2019-20	Ramachandra J P	UBDTCE , Davangere	08/03/2020	Mini Project
INSTRONICS2019-20	Manoj Raikar N	UBDTCE , Davangere	08/03/2020	Mini Project
INSTRONICS2019-20	Manjunath S A	UBDTCE , Davangere	08/03/2020	Mini Project
INSTRONICS2019-20	Mruthunjaya B M	UBDTCE , Davangere	08/03/2020	Mini Project
Best Student of The Chapter Award -2019	Sanjana Kulkarni	ISTE	22/03/2020	Student Project Proposal
Best Project Award for Construction of Skywalk near railway station for pedestrian safety and comfort in Davanagere	Dr.Mohammed Yaseen	Karnataka state council for science and Technology	31/07/2020	Mentor /Advisor
Best Research Award	Dr.S.L.ArunKumar	VD GOOD Technology factory	04/07/2020	Research
Young Scientist	Dr. Gurumurthy DM	DK International Research Foundation	28/04/2020	Research
Young Researcher Award	Manjunatha G B	Green Thinkerz	07/11/2019	Research

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
GM Next GEN Innovation center	GM Next GEN Innovation center	ALS and Xtran Bengaluru	GM Next GEN Innovation center	Internship, Mini Projects, Student's academic projects, Product Development, Industry Visits	03/12/2019

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
NIL	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)
International	Mechanical Engineering	9	1.86
International	Chemistry	8	2.5
International	Mathematics	2	Nill
International	Physics	7	1.29
International	Biotechnology	3	4
International	Computer Science and Engineering	3	Nill
International	Civil Engineering	7	7.29
International	Electronics and Communication Engineering	12	0.1
International	Information Science and Engineering	7	0.07
International	Masters in Business Administration	1	Nill

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
Chemistry	1
Computer Science and Engineering	2
Electronics and Communication Engineering	2
Information Science and Engineering	2
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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
One-pot green synthesis of ZnO–CuO nanocomposite and their enhanced photocatalytic and antibacterial activity	CR Rajith Kumar, Virupaxappa S Betageri, G Nagaraju, GH Pujar, HS Onkarappa, MS Latha	Advances in Natural Sciences: Nanoscience and Nano technology	2020	9	GM Institute of Technology, Davangere	Nill
Electrochemical investigation of caffeine by cerium oxide nano particle modified carbon paste electrode	BM Santhosh, S Manjunatha, M Shivakumar, MS Dharmaprakash, S Manjappa	Journal of The Electrochemical Society	2020	2	GM Institute of Technology, Davangere	1
Evaluation of Geochemical parameters of groundwater for suitability of Drinking and irrigational needs: a case study	Harshavardhan A and Suresh B Vijay B, Siddalinganahalli Manjappa, Santhosh B M	East African Scholars Journal of Engineering and Computer Sciences	2020	0	GM Institute of Technology, Davangere	Nill

from Northern plains of Karnataka state, India						
Dynamic mechanical properties of natural fiber composites—a review	Dr.Srinivasa C V	Advanced Composites and Hybrid Materials	2019	7	GM Institute of Technology, Davangere	7
Development And Characterization Of Hybrid Aluminum Metal Matrix Composites	Dr. Bharath K N	Acta Technica Corviniensis	2019	3	GM Institute of Technology, Davangere	2
A novel approach for development of printed circuit board from biofiber based composites	Dr. Bharath K N	Polymer Composites	2020	4	GM Institute of Technology, Davangere	4
Alkaline Efect on Characterization of Discarded Waste of Moringa oleifera Fiber as a Potential Eco?friendly Reinforcement for Biocomposites	Dr. Bharath K N	Journal of Polymers and the Environment	2020	6	GM Institute of Technology, Davangere	5
Dry sliding wear simulation of hybrid aluminum metal matrix composites	Dr. Bharath K N	Advanced Composites and Hybrid Materials	2020	5	GM Institute of Technology, Davangere	5

Study on morphology and mechanical behavior of areca leaf sheath reinforced epoxy composites	Dr.Srinivas C V	Advanced Composites and Hybrid Materials	2020	5	GM Institute of Technology, Davangere	4
Mechanical characterization of wood apple and coconut shell reinforced hybrid composites	Dr.Srinivas C V	Advances in Mechanical Design, Materials and Manufacture	2020	1	GM Institute of Technology, Davangere	1
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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 excluding self citation	Institutional affiliation as mentioned in the publication
A novel approach for development of printed circuit board from biofiber based composites	Dr. Bharath K N	Polymer Composites	2020	Nill	3	GM Institute of Technology, Davangere
Thermal stability and flammability characteristics of phenolic syntactic foam core sandwich composites	Dr. Bharath K N	Journal of Sandwich Structures and Materials	2020	Nill	Nill	GM Institute of Technology, Davangere
Dry sliding wear simulation of hybrid aluminum	Dr. Bharath K N	Advanced Composites and Hybrid Materials	2020	Nill	5	GM Institute of Technology, Davangere

metal matrix composites						
Study on morphology and mechanical behavior of areca leaf sheath reinforced epoxy composites	Dr.Srinivas C V	Advanced Composites and Hybrid Materials	2020	Nill	5	GM Institute of Technology, Davangere
Mechanical characterization of wood apple and coconut shell reinforced hybrid composites	Dr.Srinivas C V	Advances in Mechanical Design, Materials and Manufacture	2020	Nill	1	GM Institute of Technology, Davangere
Synthesis of Core/Shell (ZnO/Ag) Nanoparticles Using Calotropis gigantea and Their Applications in Photocatalytic and Antibacterial Studies	CR Rajith Kumar, Virupaxappa S Betageri, G Nagaraju, GH Pujar, HS Onkarappa, MS Latha	Journal of Inorganic and Organometallic Polymers and Materials	2020	5	2	GM Institute of Technology, Davangere
In-Vitro antibacterial, antioxidant and cytotoxic potential of silver nanoparticles synthesized using novel Eucalyptus tereticornis leaves	MS Kiran, Virupaxappa S Betageri, CR Rajith Kumar, SP Vinay, MS Latha	Journal of Inorganic and Organometallic Polymers and Materials	2020	7	2	GM Institute of Technology, Davangere

extract						
Photocatalytic, nitrite sensing and antibacterial studies of facile bio-synthesized nickel oxide nano particles	CR Rajith Kumar, Virupaxappa S Betageri, G Nagaraju, GH Pujar, BP Suma, MS Latha	Journal of Science: Advanced Materials and Devices	2020	7	1	GM Institute of Technology, Davangere
One-pot green synthesis of ZnO-CuO nanocomposite and their enhanced photocatalytic and antibacterial activity	CR Rajith Kumar, Virupaxappa S Betageri, G Nagaraju, GH Pujar, HS Onkarappa, MS Latha	Advances in Natural Sciences: Nanoscience and Nano technology	2020	9	4	GM Institute of Technology, Davangere

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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	10	40	37	1
Presented papers	19	Nill	Nill	Nill
Resource persons	Nill	Nill	Nill	1

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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
Orientation Programme for NSS Volunteers about the duties and responsibilities of NSS	GMIT, Davanagere	1	200
Organized Blood Donation camp in G M Health Center	In Collaboration with Hemophilia Center, Davangere	1	135
Organized Essay	GMIT, Davanagere	1	25

Competition on the Topic: "Duties and responsibilities of electoral in election process" to create awareness about Voting			
Organize NSS special camp in Hanagawadi Village, Harihara Taluk, Davangere	In association with VTU, Belagavi, Karnataka	1	60
Organised International Yoga Day in and around GMIT Campus	GMIT, Davanagere	1	150
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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
No file uploaded.			

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
Walkathon	Collaboration with City Muncipal Corporation, Davangere	Create awareness about "Save Water" in Davangere	1	110
World Environmental Day	GMIT, Davanagere	Planting sapels in and around college campus	1	25
NSS	GMIT, Davanagere	Organised Swachh Bharath Abhiyan	1	45
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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
NIL	NIL	NIL	0
No file uploaded.			

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
Internship	Training	Hindustan Machine tools	10/07/2019	10/08/2019	Somashekar S
Internship	Training	Invention Technology and Business solutions, Bengaluru	08/07/2019	08/08/2019	Syed Suhail
Internship	Training	Hindustan Machine tools	11/07/2019	10/08/2019	Basavanago wdra Mohan
Internship	Training	GM Agro and Beverages Pvt. Ltd., Davanagere	10/07/2019	10/08/2019	Basavaraj R
Internship	Training	Nanotech Innovative Solutions	05/07/2019	11/08/2019	Sagar K S
Internship	Training	GM Agro and Beverages Pvt. Ltd., Davanagere	10/07/2019	10/08/2019	Mohammed zeeshan khan
Internship	Training	Elite Institue of Technology, Davanagere	08/07/2019	09/08/2019	Noor sabah khanum n
Internship	Training	GM Agro and Beverages Pvt. Ltd., Davanagere	10/07/2019	10/08/2019	Pandurang Mallikarjun Fulari
Internship	Training	GM Agro and Beverages Pvt. Ltd., Davanagere	10/07/2019	10/08/2019	Rajesh H S
Internship	Training	GM Agro and Beverages Pvt. Ltd., Davanagere	10/07/2019	10/08/2019	Sagar Gowda B Patil
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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
Maganahalli Ratna Enterprises	16/12/2019	Internship	2
Ignitive Lab India Private Limited	02/03/2020	Providing internship, Industrial visits and Placement opportunities for GMIT students	61
Vibha Tech Solutions and Services, Kottur, Bellari Dist	04/12/2019	Training / Internship / Project	2
National Highway Authority of India, Chitradurga	28/07/2020	Internship	2
Applied Cognition Systems Pvt LtdApplied Cognition Systems Pvt Ltd	11/02/2020	Training, Internships and Research	74
SAP	08/08/2019	Training/Technical Awareness	20
GM NextGen Innovation Center	04/12/2019	Training/Internship/Project	20
ATS Infotech Pvt. Ltd.	08/01/2020	Industrial Visit/ /Internship/ Placement	20
Abeyaantrix Soft lab OPC Private Limited	03/10/2019	Providing internship, Industrial visits and Placement opportunities for GMIT students	61
Sookshmas E-learning Pvt. Ltd. Bengaluru	14/02/2020	Industrial Visit/ /Internship/ Placement	20
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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
508.36	462.15

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	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
GMIT ERP	Partially	1.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	26660	8076777	1213	554453	27873	8631230
Reference Books	Nill	Nill	Nill	Nill	Nill	Nill
e-Books	Nill	Nill	Nill	Nill	Nill	Nill
Journals	61	113305	Nill	Nill	61	113305
e-Journals	Nill	Nill	Nill	Nill	Nill	Nill
Digital Database	10	1531250	Nill	Nill	10	1531250
CD & Video	Nill	Nill	Nill	Nill	Nill	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(specify)	15	16523	Nill	Nill	15	16523

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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	692	453	667	0	150	11	0	55	88
Added	100	100	100	0	0	0	0	75	0
Total	792	553	767	0	150	11	0	130	88

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

130 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
Sir M V Digital Studio	https://youtu.be/hxmQIiUadU0
Sir M V Digital Studio	https://youtu.be/zKakRd0rTD8
Sir M V Digital Studio	https://youtu.be/GYUd3vn3PvQ
Sir M V Digital Studio	https://youtu.be/TuvC64jJq9I
Sir M V Digital Studio	https://youtu.be/_6kwFUgv1xU
Sir M V Digital Studio	https://youtu.be/lWAuBduPQS8
Sir M V Digital Studio	https://youtu.be/dD0riAs7tVo

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
127.02	120.97	322.33	306.98

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)

The college has a Maintenance Cell that oversees the buildings, classrooms, laboratories, wash, common rooms and Green Cover of the campus with adequate staff for maintaining the cleanliness to provide a congenial learning environment. The maintenance of e-resource team for maintenance and manage repair of CCTV security, internet, ERP, Computers, Printers, and all computer peripheral. Civil Maintenance cell maintains looks after the regular

maintenance of civil works such as masonry and plaster works, painting, carpentry, plumbing and general house-keeping etc. Electrical maintenance team maintains and looks after the continuous power supply, Generator, UPS, Batteries, LCD, IP-Phone setups, AC, Water cooler, fire extinguishers and lighting etc. along with regular checking. In case of major fault and replacement, the quotation is called purchased as per centralized purchase procedure. The repair issue is identified by concern Laboratory staff, a request will be raised through a maintenance requisition note. The Department Head receives the maintenance requisition note and reviews the request. Maintains requests are attended and fulfilled on the Priority basis. Solid Waste Management: The waste from departments is collected in the respective floor Dustbins. The collected waste is transported outside the college every day in the morning by Municipal corporation vehicle. Then transported to the nearest land fill and solid waste management facility for proper disposal as per CPCB. Potable Water Supply: A Centralized RO System with capacity of 350 kLPD is established with a Carbon Filter unit with a Sand Filter unit adjacent to College Canteen which is combined with a RO Unit Located above Girls hostel building for safe drinking water. The quality of drinking water is tested every three months. e-Waste disposal: An e-Waste Bin arrangement is made in the campus located near College canteen for the disposable of small sized e-Waste (1-10 Inches). However the Large un-serviceable e-Waste such as computers, printers, cables, floppies, CD's, mouse and key board etc. are disposed through vendor as per guidelines of implementation for e-Waste (Management and Handling) Rules, 2011 issued by CPCB. Laboratories All laboratories are effectively used by the students even after the college hours. Each Lab Attendance, stock register, Invoice and purchase bills are maintained. Lab Assistants and supporting faculties take care of utilization and maintaining of equipments. Library Librarian collects the requirements of books, journals and other resources from all HODs during the commencement of academic year in turn which will be approved by the Principal. A suggestion box is installed to collect the opinion and suggestion from users to enrich the library resources. Entry register for students and staff is maintained. Stock verification of books, Weeding out of old titles, collecting rare books, maintaining torn books are resolved with the help of the library staff. Sports Facility Maintenance Physical Director maintains the sports facilities available in the institution. Stock and Issue Register are maintained to ensure the proper handling of the sports equipments. The playground is maintained regularly by Physical Director with the supporting staff.

https://gmit.ac.in/naac/cri4/2019-20/4.4/4.4.2/proceduresandpolicies2019-20.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	VTU Financial Assistance Scheme (Institution Level)	44	60000
Financial Support from Other Sources			
a) National	KSCST, Innovative under graduate students projects (VTU), PMSS JK Scholarships, Backward Classes	1307	28311241

	Welfare Department – OBC, Social Welfare Department – SC, ST, Director of Technical Board – SC, ST Backward community Minority Department.			
b)International	NIL	Nill	0

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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
Soft Skills and Career Development -3 days' Workshop	16/10/2019	26	Training and Development Consultant-Davanagere
One Day Workshop on Biomedical Imaging	14/10/2019	35	GMIT, Davanagere
Talk on R-DNA Technology	27/10/2019	78	IISC, Bangalore
Drug Discovery and Development Process	19/02/2020	75	GM Institute of Pharmaceutical Sciences and Research, Davanagere
Herbal Research in Antiviral Drugs	03/06/2020	65	Herbal Science Trust, Banagalore
Bioprocess equipment design-Fermenter/ CAED	06/06/2020	31	SIT, Tumakuru
Bridge course - technical talk on "E-TABS Software"	26/08/2019	85	Pyramid – Civil Forum
Bridge course - Site visit to construction site of GMIT Central library	29/08/2019	89	Pyramid – Civil Forum
Bridge course - Webinar on "Smart Irrigation Using Internet of Things	15/06/2020	122	Dept. Of CSE and Civil
Bridge course - Webinar on "Teaching learning process, course outcomes and program outcomes"	04/07/2020	112	IQAC - GMIT

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
2019	Placement Training on "Employability Skills"	Nill	84	Nill	6
2019	AMCAT Awareness Session	64	Nill	Nill	Nill
2020	Brushup Session	Nill	60	Nill	Nill
2020	Aptitude and Logical Reasoning Training	Nill	22	Nill	Nill
2020	Campus to Corporate two days Workshop by GTT	Nill	23	Nill	Nill
2019	NPTEL	21	Nill	Nill	Nill
2020	KEA	1	Nill	1	34
2020	MAHE-Manipal	1	Nill	1	Nill

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
17	17	8

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
Allegion, TCS, Cadence, Spandana Sphoorty Financial	3743	370	Tulip, Akuva infotech private limited, Macron	36	27

| | | | Consultancy services and developers, Biocon limited, ACC cement, RDPR, NOUS Info System, Bengaluru, NTT Data, Bengaluru, Mphasis, Bengaluru, Tech Mahindra, Bengaluru, Infosys, Bengaluru, etc. | | |

Ltd., Cognizant, Wipro, Thasmai Automation, Qualitest, Vee Technologies, ICICI Bank, Infosys, etc.

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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
2020	1	BE	Biotechnology	UPPSALA University, Berlin	MS in Applied Biotechnology
2020	1	BE	Civil Engineering	BLDE, Bijapur	Environmental Engineering
2020	1	BE	Computer Science and Engineering	NJIT, New Jersey, USA	Master's in Computer Science
2020	1	BE	Computer Science and Engineering	NJIT, New Jersey, USA	Master's in Computer Science
2020	1	BE	Computer Science and Engineering	NJIT, New Jersey, USA	Master's in Computer Science
2020	1	BE	Computer Science and Engineering	Manipal School of Information Science, Manipal	Master of Engineering in Big Data and Data Analytics
2020	1	BE	Computer Science and Engineering	Manipal School of Information Science, Manipal	Master of Engineering in Big Data and Data Analytics
2020	4	BE	Electronics and Communic	VIT	MBA

| 2020 | 1 | BE | Information Science and Engineering | MAHE, Manipal | MS |
| 2020 | 1 | BE | Information Science and Engineering | BIT, Bengaluru | M. Tech in Computer Network Engineering |

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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
NET	Nill
SET	Nill
SLET	Nill
GATE	3
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	1
Civil Services	Nill
Any Other	5

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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
Chess (M)	VTU INTER COLLEGE	4
Badminton (M and W)	VTU INTER COLLEGE	11
Wrestling and Judo	VTU INTER COLLEGE	9
Basketball (M)	VTU INTER COLLEGE	11
Swimming Computation (M)	VTU INTER COLLEGE	1
Football Selection Trials (W)	VTU INTER COLLEGE	1
Cricket Selection Trials (W)	VTU INTER COLLEGE	1
Weight Lifting (M)	VTU INTER COLLEGE	1
Athletics (M and W)	VTU INTER COLLEGE	6
Power Lifting (M and W)	VTU INTER COLLEGE	7

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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
2019	National Strength lifting I.B.P	National	1	Nill	4GM15MBA 001	Abdul Razaque
2019	10th National Body Lifting	National	1	Nill	4GM15MBA 001	Abdul Razaque
2019	National Strength lifting & I.B.P	National	1	Nill	4GM18ME023	Danush A S
2019	Karnataka State Strength Lifting	National	1	Nill	4GM18EC079	Rakshith R
2019	Karnataka State Strength Lifting	National	1	Nill	4GM18ME023	Danush A S
2019	Karnataka State Strength Lifting	National	1	Nill	4GM18BT006	Chetan T
2019	Karnataka State Strength Lifting	National	1	Nill	4GM16ME032	Kiran Naik
2019	Karnataka State Strength Lifting	National	1	Nill	4GM18ME030	Swoorup
2019	Karnataka State Strength Lifting	National	1	Nill	4GM19EC115	Vishwesh wara K
2019	Karnataka State Strength Lifting	National	1	Nill	4GM18BT009	Honnu P M
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

As our institution is student-centric, and are considered as one of the major stakeholders for the institution growth. The purpose of the Students Council (SC) is to provide programs, activities and services which serve the co-curricular, cultural, social, recreational and educational interest of students at the Institution. The institute maintains an excellent rapport with the student community. All the student association/committee/clubs/extracurricular activities which consists of advanced learners as a team leader and slow learners as team members. The students are inducted into the student association on selection basis. The opinions views of the students are taken positively towards comprehensive growth of the institute. Students are involved in regular committee meetings formally and also taken their representation during informal meetings. The student Council is formed in the beginning of every academic year by the student Welfare Officer. Wherein the Principal is the Chairperson and from the student side Vice-President, Cultural Secretary and a Sports Secretaries are identified either by unanimous selection or through election process. Every class room will have two leaders named as Class Representatives(CR's), preferrably one from Boys and another one from Girls side. They are the main executives of any event and its conduction. A notable bodies/committees that have student representation are as follows: • Student Council • Class representative's committee • IQAC • Industry-academia board • Alumni association • Sports committee • Cultural committee • Department forum-association • Placement Training Cell • NSS NCC Bodies. • Hostel management committee • Anti-ragging committee • Anti-sexual harassment committee • Grievances and Redressal Committee (Students) • SC/ST Committee (Equal Opportunities Committee). • Library and Professional Societies Committee. • Disciplinary Committee. Students involvement in various club activities both at the program level and Institute level as below: • Coding Club • Cultural club • App development group • Eaters Gate • Kaladhaarini • Recycle Bin • Captured Moments Club • Media • Automotive club: "Dhrutha" formula race car development group • Innovation and We: Innovative research activity club • Departmental fests, Hackathons, exhibitions. The roles and responsibilities of student council in academic and administrative bodies are as follows: • To act as liaison between students and institute • To prompt their opinion during meeting of administrative bodies of the Institution. • To promote and organize the institution activities. • To collect opinion of students on issue basis or change management. • To organize educational and recreational activities for students. • To propose activities that would improve the quality of campus life. • To ensure satisfying ecosystem for smooth conduction of academic activities. • To ensure active participation of students in placement, entrepreneur development social responsibility related activities. • To organize Technical events which enhances ability of the student to excel in Industry/Research. • To support faculty members for effective counselling by constructive feedback which will ensure students to resolve their various issues. • Promote the culture in the institute to achieve ragging-free campus. • To participate in organizing Industrial Visits. • To support voluntarily in organizing

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

• The institution has an active registered Alumni association, the registration is being renewed every year for the Register Number: SOR-445/2011-12 • The association is registered with office of the Karnataka Societies registration act, 1960 . Dated: 08-03-2012 at Davangere, Karnataka. • The association member

have selected from different domains like Education Institutes, IT Companies and Entrepreneurs. • The association member includes President, Vice President, Secretary Treasure. Alumni association bank account bearing number: 64017175262 fixed deposit account number: 64039885051 are authorized to honour all cheques by President and Treasurer. • The members meet at least twice in a year and discuss to plan the activities for the year. They also discuss issues pertaining to the development of the institution. • The members also make a plan conduct annual Alumni Meet. • A Meeting is conducted to discuss on budget finance handling. • The alumni participation basically is in areas of identifying the gaps between the levels of learning within the campus and the levels of learning expected by the industry. • The institution arranges lectures/ technical talks by alumni in different departments so that the students can be motivated to prepare themselves for careers in an environment of global competition.

5.4.2 – No. of enrolled Alumni:

2800

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

28000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Meeting on 22/09/2019 – Agenda: i. Review of previous alumni meet. ii. Formation of core committee for alumni association. iii. Discussion on conduction of alumni meet. iv. Roles and responsibilities of alumni. 2. Alumni Meet on 14/06/2020- Agenda- i. Areas of coordination of alumni-Project works, Internship, Research Work, Guest of event in institution, bringing resource persons, HR contacts. 3. Alumni Activity - ME Department: Technical Talk on "Product design and analysis" by Mr. Shivali S, on 20th Feb, 2020. ISE Department: 1. Technical Talk on "Carrier opportunities in IOS Application Development" by Mr. Akhtar Khan, Alumnus , Tech Lead Apple, Bengaluru. 2. Technical Talk on "Android Application Development" by Mr. Jafar, Alumnus. ECE Department: 1. Technical Talk " An introduction on Avionics" by Mr. Vinayaka R Deskar Avionics Engineer Team Lead,Collins aerospace,Bengaluru. 2. Technical Talk "The era of VLSI technology" by Mr. Vinay B N Physical Design Engineer Intel Technology India Pvt. Ltd. Bengaluru. BT Department: Technical Talk "Challenges and opportunities for the Biotechnology –Covid era""on 17/10/2020 by Mr. Promith Battacharya, Principal Scientist, Biocon Pvt,Ltd Bangalore.

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)

GMIT has a system for delegating authority and giving administrative autonomy to all of the various functionaries to work toward a decentralized structure. 1. To achieve good performance and academic excellency GMIT follows the approach of decentralization and delegating the leadership authority to various committees. The institute develops quality at various levels - Management, Executive Council, Principal, IQAC Committee, NAAC Committee, NBA committee, Dean academics, Dean Student Welfare, Dean Research and Development, Dean First Year Academics, NPTEL Coordinator, ERP coordinator, KSCST coordinator, Women Empowerment Cell Coordinator, Consultancy Cell coordinator, NSS coordinator, all work together for the growth of the institution. The college offers everybody a better opportunity to engage in the decision-making process. Before making a final decision, the department meets often, and the recommendations are discussed with the principal, different Deans, and all other department

heads. 2. GMIT places a strong emphasis on decentralization, intending to ensure that everyone has a fair chance to participate. The college has promoted one senior faculty member as the principal to carry out the second shift diploma course. The college has nominated faculty members as the coordinators for the new committees like Red Hat Academy, Bhimart, CNC Machining Center, Green Club Committee, etc. to effectively carry out the various works. GMIT has introduced a Personal Relational Officer (PRO) to have interaction with the external world to promote and enhance the admissions. The College has updated Dean Non-Conventional Energy Source as the coordinator for "Center for Renewable Energy" will look after the solar rooftop and the Green Club committee coordinator will look after the water and wastewater recycling unit in the institution. According to VTU, GMIT has designated the statutory committees and non-statutory committees to make recommendations to the colleges administration.

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
Admission of Students	The following strategies are being adopted to enhance the admission quality: 1) Prospective bright PU / 12th students are counselled by eminent academicians and admission on merit basis and according to reservation policy of the state Govt. of Karnataka. 2) To showcase all-round significant improvement in Teaching-learning process, ICT enabled facility has set up for engineering and management programme. For improving the quality of incoming fresher, induction programme is conducting to fill gap between PU / 12th and engineering pre-requisites. To motivate students to excel in academic's management is awarding Gold Medal to students securing more than 90.
Industry Interaction / Collaboration	The Institution establishing Memorandum of Understanding with all reputed core industries to enhance Industry Institute Interaction activities and currently Institute has with 68 numbers of MOU's with nearby industries and organizations. In continuous MOU's each department organizing a Technical talks / Invited seminars/Industry visits / tours to fill the gap between industry and academic and for covering all recent industrial developments. Through MOU'S representatives form industry and organizations involved in the promotion of industrial development in the region

	for mutual benefits of both the industry and institute. MoU's also helping students to carry the internship work for fulfilling academic requirements as per VTU guidelines.
Human Resource Management	The Institute appointed adequate number of qualified faculty by following the procedure of open advertisement and interview by internal expert committee. Under the guidance of IQAC the institute organizes various training and faculty development programme for teaching faculty. The faculty members are encouraged to do the Ph.D by providing necessary duty leaves and special casual leaves is provided for attending FDP/Conferences/Workshops and exam duties. The faculty members are provided casual leaves for any unavoidable circumstances. As a part of Quality Improvement programme, HR policies is reviewed and updated and procedures of the institution have been completed for the academic year 2019-20.
Library, ICT and Physical Infrastructure / Instrumentation	The digital library has been reinforced with the latest version computers. The association with VTU (VTU Consortium) to share digital content under. The Library has well equipped digital library with 30 No. of multimedia PC's with internet connectivity for online services. Library has collection of 11,111 e-books from Springer and Elsevier. Library has subscribed Science Direct, ASME, e-journals. has Institutional Membership of DELNET and National Digital Library and has collection of Multimedia CD's and learning DVD's. The Institute ERP system is using for issuing text books. Digital library local server system facility is available for accessing e-books, e-journals, NPTEL videos and VTU question papers.
Research and Development	The Institution is established with advanced laboratories and engaged in research and development with 10 VTU approved research centres. The institute library includes all reference books and sufficient amount of research journals. currently institute has 34 doctorates and more than 24 faculty members are working on their doctorate research work In the

	last two years Institute could fetch a grant for 29 research grant received from KSCST and 12 received from VTU and currently good number research proposal were submitted to VGST, VTU, AICTE and SERB under the scheme of core research grant. In last year more than 57 research papers and 02 patents are filed.
Examination and Evaluation	The institution has adopted an Outcome Based Education (OBE) system. 1) The faculty evaluate the levels of examination questions set by the university for Semester End Examination (SEE) and identify the gaps through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy. 2) Also the faculty in each subject supplements the content together with assignments covering the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). To administer uniformity for conduct of internal assessment tests would be accountable for measurement of Course Outcomes attainments and Program Outcome attainments.
Teaching and Learning	The institution has been following student centric Teaching and Learning methods for the past four years. The faculty continuously improves the delivery system by adapting modern teaching aids like projectors and interactive boards in the classrooms. The institution has adopted innovative practice and students participate in group learning. Introduction of various professional programs in collaboration with global institutions of repute like NPTEL, MOOC Courses. Emphasis on imparting skills through laboratory experiments and industrial visits / training / tours and various skill development programmes. The practice of outcome based education(OBE) in institution has set its goal to get accreditation by NBA.
Curriculum Development	The curriculum is prescribed by the parent university Visvesvaraya Technical University (VTU). The curriculum undergoes a revision once in four years. The institution encourages our faculty / department to contribute to enrich the curriculum during the course of its revision. This is carried out by communicating to the university

during the process of preparing and finalizing the revised curriculum. Further the institution captures the data pertaining to curriculum by obtaining a well-articulated feedback by the alumni and students during the final year of their course. The consolidated recommendations are forwarded to the university for updating the content to meet the current trends in the industry.

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

E-governace area	Details
Planning and Development	The college established functional Memorandum of Understanding with various organizations for skill development training •To narrow-down the gap between academics and the industry •To raise funds for various centres of excellence through various funding organizations. •To conduct technical and employability skill-oriented training programs with the support of Placement and Training department. •To encourage the students participating in co-curricular/ extracurricular activities / Research and publication. •To encourage the Faculty for Paper publishing in UGC approved, Scopus index journals. GMIT has in place competent software to maintain and manage the inflow and outflow of the finances. The financial reports and strategic planning are being produced through usage of software
Administration	• GMIT to achieve the target of paperless, the institute using in-house ERP software for maintaining faculty and staff information and The institute has Biometric attendance for teaching and non-teaching staff. IQAC, commits members to start using Google facilities like ? Google Drive: To store the department level data. ? Google sheet: For data collection from Various Departments. ? Google Docs: To prepare notices and activity reports. ? Google Forms: To prepare Feedback forms and get Online feedbacks of Students, Parents. • WhatsApp Group helps to provide the brief notices of any event to be happened on college.
Finance and Accounts	GMIT using "TALLY" software to maintain and manage the inflow and outflow of the finances. The accounting

	starting from the foundation entries financial reports required for strategic management, in particular strategic planning are being produced through usage of software Currently, the institute is also uses the ERP software for E- functioning of Finance and Accounts for admission and staff salary. This helps to increase the efficiency of staff The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the books of accounts properly which helps in auditing procedure
Student Admission and Support	1]The admissions of the students are followed as per rules and regulation of VTU and done purely on merit basis with following reservation policy of the state Govt. of Karnataka 2]Admission Committee works under the guidance of IQAC and forms for the Frame work of admission process. It frames committee for the admission committee involves the Principal, Management, H.O.D, and Faculties. 3]This Committee decides about admission process, fee structure, Merit of student for admission, last date of admission etc. 4]Committees from each department are framed to counsel the students regarding their programs or course. 5]Counseling is also done regarding career development and academics.
Examination	The Institution in collaboration with VTU, has adapted online transactions for all the processes like registering of students with VTU for semester end exam, obtaining admission tickets generated on VTU website and downloading question papers for SEE. The appointment of examiners for practical examination has been computerized. Mandated by VTU, the Institution has installed web cameras to monitor the conduct of examinations in various blocks. The results are announced online which are downloaded for analysis at the Institution level. The Institution is currently using in-house ERP software for managing all the processes including admissions, placement, finance, staff welfare, Teaching-learning and examination,

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/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mr. Sandeep G S	REDHAT-LINUX	NIL	1500
2019	Mr. Sampathkumar B	Faculty Development Program for Student Induction (FDP-SI)	NIL	3000
2019	Mr. Maruthi S T	E Attestation OFFICERS TRAINING PROGRAM AT VTU , Mysooru	NIL	2026
2019	Mr. Thippeswamy	WIFI CAMPUS CONNECT IISC, Bengaluru	NIL	2844
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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)
2020	5-Days Faculty Development Program On "Information And Communication Technology Outcome Based Education"	NA	21/01/2020	25/01/2020	70	5
2020	International Conference on "Computational Engineering and Material S	NA	17/07/2020	17/07/2020	80	Nill

	cience-ICC EMS-2020" to be held at GM Institute of Technol ogy, Davangere, Karnataka, India.						
2020	Virtual Lab Sessions" Hosted by GM Institute of Technol ogy, Davangere in associa tion with NITK- Suratkal	NA	14/05/2020	14/05/2020		70	5
2020	Webinar on Entrepr eneurship Ecosystem, Organised By Research and Develo pment Center, GM Institute of Technol ogy, Davan agere.	NA	27/06/2020	27/06/2020		50	Nill
2020	Recent Trends in Environmen tal Impact Assessment for Sustai nability organized by dept. of Civil Engg. GMIT, Davangere	NA	16/07/2020	16/07/2020		30	Nill
2020	Webinar on Intelle ctual Property Rights and Innovation	NA	19/05/2020	19/05/2020		120	Nill

	Organized by "Centre for Intellectual Property Rights (CIPR)",GM Institute of Technology, Davangere,In association with Karnataka State Council for Science and Technology IISc Campus and IP cell					
2020	Entrepreneurship Awareness Program on Solar Power Generation Opportunities - 2 Day	NA	27/02/2020	28/02/2020	72	Nill
2019	Global Student Solar Ambassador – 1 Day	NA	02/10/2019	02/10/2019	80	Nill

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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
TEQIP Sponsered 5 Days Training Program on Outcome based Education and Faculty Development Programme on NBA	1	23/12/2019	28/12/2019	5

Accreditation, Organized by DSATM, Bengaluru				
FIVE days five-days, FDP on "Information Communication Technology (ICT) and Outcome Based Education (OBE) " organized by RVCE, Bengaluru, under the Margadarshan -AICTE Scheme, conducted at GMIT, Davangere	7	21/01/2020	25/01/2020	5
Application of Drug Design in Biotechnology	1	03/07/2020	03/07/2020	1
Entrepreneurship Ecosystem	1	27/06/2020	27/06/2020	1
Teaching Learning Process,Course Outcomes and Program Outcomes	1	04/07/2020	04/07/2020	1
Faculty Development Programme on "OBE its Impact on Accreditation Process" from 06-10 July 2020	4	06/07/2020	10/07/2020	5
Machine Learning and Artificial Intelligence	6	08/06/2020	12/06/2020	5
Skill Enhancement For Academicians	2	08/06/2020	09/06/2020	2
Research Trends in Information Technology	1	10/06/2020	12/06/2020	3
Future Advancements and	3	12/06/2020	14/06/2020	3

Applications of Internet of Things					

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	9	Nill	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF	ESI	1.Scholarship, 2.Issuing extra library card for toppers of each class, 3.Awarding Gold Medals (10g) for toppers scoring more than 90

6.4 – Financial Management and Resource Mobilization

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

The GM Institute of Technology of strictly believes in following statutory requirements for audit and accounting practices. Internal and External Audit Process: The institution conducts internal and external financial audits regularly. Income Expenditures: The details are available in the income and expenditure statement The institution has established a system to audit all the financial transactions by both internal auditors and auditors of external agency. The internal audit practice is to monitor financial management of the institution and ensure sound financial health of the institution, Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the internal auditor if required. External audit is done by charted accountant appointed by the parent organization. Audit of all vouchers, receipts, cash book, and ledger of transaction is done by the external auditor External audit carried and it ensures total compliance with statutory requirements and obligations

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
GMIT-Management	75000	To develop covid-19 related products like, foot operated sanitiser disepenser,face cover shields and fabricate students desks

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6.4.3 – Total corpus fund generated

1000000

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	Expert form RVCE College of Engineering, Bengaluru	Yes	Inter-department (Inhouse faculty)
Administrative	No	Nill	Yes	College recognized Auditor

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

1. Soon a student take admission, during Induction program (being conducted for 15 days) Every faculty, (department wise) interact with the parents in first two days of the program and also the related data of the parents taken by the mentor. The discussion on academic activities, student placements and training, library and other resources, infrastructure facilities, counselling cell etc. are discussed. 2. Once the above data is collected by the mentor, it is instructed to the parents to contact with the mentor for any purpose to know about his ward progress. 3. The mentor also guide the parents to talk to the course teacher, if required also to the respective HODs, depending on the type of case. 4. Every often the parents meeting called on the different dates by each department because of the availability of common faculty like science, other department also the Principal.

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

1. Organization promote the faculty to undergo different activities FDPs, Conferences, STTP, journal paper writing, etc. 2. The faculty are encouraged to persue higher qualifications. At the beginning of the inception of the Institute, the few faculties are sponsored / study leave to persue the M.Tech. Presently higher increments / professional growth like promotions is given (subjected to the availability of the vacancy) to those who pursued Phd., PDF etc., 3. Staff are given social benefits apart from pay scales like PF, ESI, loan facility etc., for their growth.

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

1. Submission of Data for AISHE portal 2. Participation in NIRF 3. NBA

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
2019	Product Release on-OROMO COFFEE POWDER	03/10/2019	03/10/2019	03/01/2020	20
2019	Basic Electrical Mini Project	03/12/2019	03/12/2019	03/12/2019	120

Year	Title	Date	Date	Date	Number
	Exhibition				
2020	Bridge Course on C plus plus for 4th semester students	10/02/2020	10/02/2020	13/02/2020	400
2020	EDP on Solar Power Generation and Opportunities	14/02/2020	14/02/2020	15/02/2020	100
2020	Virtual Classroms using Online Teaching Platforms (such as Impartus, Google Meet, MS Teams, Zoom)	02/04/2020	02/04/2020	31/07/2020	2500
2020	Newsletter	06/05/2020	06/05/2020	31/07/2020	2500
2020	Webinar on IPR and Innovation in Association with KSCST and CIPAM	19/05/2020	19/05/2020	19/05/2020	120
2020	Alumni Meet	14/06/2020	14/06/2020	14/06/2020	350
2020	International Conference Day	17/07/2020	17/07/2020	18/07/2020	100
2019	NSS Activities - Blood Donation camp	23/11/2019	23/11/2019	23/11/2019	135

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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
Women empowerment	08/08/2019	08/08/2019	6	1

committee meeting				
Induction Program by Mrs. Venkata Sumana CH, Assistant Professor, Dept. of ECE, GMIT, Davangere	10/08/2019	10/08/2019	150	Nill
Becoming an Entrepreneur in Sanitary Pad Manufacturing by Sri M M Sudhirananda, Proprietor, Maganahalli Ratna Enterprises and Entrepreneur in SheCare sanitary pad manufacturing	25/09/2019	25/09/2019	180	1

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
The total Power generation by Solar energy sources in the campus is 60250kWh whereas the consumption of total power in the campus including administrative block, boys hostel and girls hostel is 15250kWh. The remaining 40000kWh is supplied to the grid. Thus making the campus sustainable in terms of solar energy generation.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	2
Rest Rooms	Yes	2
Scribes for examination	Yes	2
Special skill development for differently abled students	Yes	2
Any other similar facility	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

advantages and disadvantages	and contribute to local community						
2019	1	1	21/09/2019	1	Social Program	To educate local students of DRM on how to use computers and internet to enhance knowledge and grow	61

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

Title	Date of publication	Follow up(max 100 words)
Human Values and Professional Ethics	Nill	The curriculum includes various courses to address Professional Ethics and Human Values. For example: The institute core course on 'Constitution of India Professional Ethics' is included in the first year to help human values and professional ethics in all students. The curriculum of PG programs also includes courses to address Human Values and Professional Ethics. For example: 'Business Government and Society', 'Business Ethics and Corporate Governance' and 'Work Ethics' by MBA The Details are as follows: Institution offers courses on human values and professional ethics in Engineering and M.B.A. In Engineering we have compulsory Course Constitution of India and Professional Ethics (15CPH18/15CPH28 AND 17CPH39/49 and in MBA 16/17/18MBA16-Business Communication 16/17/18MBA24 - Business

Law/Legal Aspects of Business/Business Environment 16/17MBAHR402 Workplace Ethics and Value System. During Induction Programme for First Year Engineering and Management Students, The IIPC committee members decided to involve expert lectures on various sub-themes including Universal Human Values, Proficiency Modules, Lectures by Eminent Personalities, Motivational Talks, Visits to local places (Villages Historical Places). As the student intake is large in numbers it was collectively decided by the committee that the whole group of students were split into two groups i.e. Physics Group I – students of Mechanical, CS and IS Engineering (Section A, B, C, D) Chemistry Group II – students of Electronics Communication, Civil and Bio-Technology Engineering (Section E, F, G, H). The IIPC committee invited various experts from different institutions for Induction programme to interact with the new entrants and brief the learners with their expertise in various fields. Along with pep-talks the students were exposed to villages and historical places visit for catering their social as well as technical side of learning. The Academic Year 2019-20 II Phase went with uncertain situations due to COVID -19 Pandemic. As per the Central and State Government/ University

		Instructions GMIT Followed all necessary SOPs to operate. During Covid-19 Period GMIT, As Socially Responsible Institute, Various Departments had come out with the products which helped the community at large. The Details are as follows: Biotechnology: Shuchi Wipes - Hand Sanitizer wipes https://www.gmit.ac.in/covid/shuchi.pdf Mechanical Engineering: Face Shield https://www.gmit.ac.in/covid/faceshield.pdf Mechanical Engineering: Foot Operated Sanitizer Dispenser https://www.gmit.ac.in/covid/footoperated.pdf Civil Engineering: Contactless Sanitizer Dispenser System https://www.gmit.ac.in/covid/csds.pdf
Code of Conduct	01/01/2019	https://www.gmit.ac.in/CodeofConduct.pdf https://www.gmit.ac.in/ServiceRules.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Foundation programme was organized in collaboration with Basic Science department	30/09/2019	30/09/2019	800
Organized Essay Competition on the Topic: "Duties and responsibilities of electoral in election process" to create awareness about Voting	09/12/2019	09/12/2019	25
Organize NSS special camp in Hanagawadi Village, Harihara Taluk, Davangere. For 7 days in association with VTU, Belagavi, Karnataka	27/01/2020	07/02/2020	60

Organised "Race for 7" to create awareness about rare diseases in collaboration with Hemophilia centre, Davangere Walkathon for 7 kms	29/02/2020	29/02/2020	50
Organised Walkathon to create awareness about "Save Water" in Davangere in collaboration with City Muncipal Corporation, Davangere	05/06/2020	05/06/2020	110
Celebration of World Environmental Day by planting sapels in and around college campus	05/06/2020	05/06/2020	25
Celebration of Independence day	15/08/2019	15/08/2019	200
Organised International Yoga Day in around GMIT Campus	21/06/2020	21/06/2020	150
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Rain Water Harvesting: 1) By adopting the rain water harvesting technique in the campus approximately 12 lakhs litres of water can be harvested. 2) The harvested rain water is effectively used for secondary purposes in the campus like gardening, washing streets and flushing etc.. 3) Rain water harvesting reduces stress on fresh water requirement. 4) Due to the construction of contour bunds the water table in the campus has been improved considerably. 5) It can include that other than recycle and re-use of water, rain water harvesting is also efficient way of saving fresh water. 6) In case of need the harvested rain water can also be used for drinking purposes by appropriator treatment method. 7) Finally it can be concluded that apart from GMIT campus if the this practice can be implement in all the colleges very large quantum of fresh water utilization can be saved which is a urgent need of the hour.

Solid Waste Management: • The organic waste produced is recycled as manure for the plants and vegetation. • The plastic waste is converted into a petroleum product for which there is a mechanism available and was a successful society appreciated project. • There is a proposal to establish biodigester unit to convert the food and kitchen waste into cooking gas or biogas. The practice: The solid waste management is done by collecting the organic decay able waste and converting them to manures which will be finally used for developing the landscape. Green bins for wet waste (newspapers, magazine, light paper, paperboard cartons etc.) An important step was to ensure student and faculty to segregate waste by using different dustbins to dispose of wet and dry wastes like paper, plastics, glass, metal etc. This was made possible via continuous

awareness programs through lectures, advertisement on notice boards, displaying slogan boards in the campus.

Waste Water Treatment: 1) The 250 KLD D – ANOOZ Anaerobic treatment – Organization System is the most effective and advanced technology for treatment domestic waste water of GMIT campus and reusing the water for many secondary purposes. 2) The treated water after the treatment is effectively used for gardening, vehicle washing, floor washing, and construction purposes solves the dual problem of disposal as well as water saving in the background of water scarcity in GMIT campus. 3) The existing system is techno- economically feasible 4) The quantity of waste water after treatment is sufficient for gardening 25 acres, thus complete gardening area is lawned using the treated water from the system without creating a stress on fresh water. 5) The existing system makes the GMIT campus self-sustainable regarding the problem of waste water management

Solar Power Generation: Energy conservation Energy conservation is an ever-present theme in the planning and developing of all our campus facilities. We are also increasing our energy procurement mix with an increase in renewable sources like solar energy, biomass energy using kitchen waste and vegetable waste. Roof top Solar PV systems GM Institute of Technology has recognized this aspect as an important surface of its operation and has adopted an energy policy supplementing the existing environment policy. In line with this GMIT has partially shifted from conventional energy use to renewable energy use and sourcing. These rooftop systems are however limited by the availability of shadow free area on existing buildings as ascertained in the initial survey conducted during proposal stage. Recognizing this, to further boost GMIT energy mix, green power procurement was put in place in August 2015-16. A few of the measures taken by us to make the GMIT campus energy efficient: Energy efficiency measures: Few measures undertaken are, reduce maximum load of the campus, Introduction of measures to improve quality of power by exchanging energy efficient transformers, pumps, detuned filters for capacitor banks, and CFL /LED lighting. Auto synchronization panels for load optimization and energy efficient power equipment as per standards.

ENVIRONMENTAL POLICY OF THE COLLEGE GM INSTITUTE OF TECHNOLOGY, DAVANAGERE, KARNATAKA, INDIA is a quality conscious college. It protects its own environment with its green campus initiative and keeps pollution free campus. Environment development is its basic work with the educational policies implemented on the campus. Environmental conscious administration, the management and the students of the college look after the environment carefully. Every year, during rainy season, we do tree plantation and carefully look after it. It's our own responsibility to preserve the work done on the campus related to the environment. Our environmental policy: 1. To create awareness regarding environmental policy amongst the students and the management 2. To maintain pollution free campus by avoiding tobacco, pan-masala, chewing on the campus. As per the govt. rules and regulations regarding the instructions of tobacco free campus signboards are displayed at various places on the campus. 3. To Use Solar Energy on College Campus by installing and Solar water Heaters in Girls and Boys hostels. 4. To sensitize the students and staff regarding the use of drinking water properly for which, we have provided purified (RO aqua-guard) drinking water facilities on the campus. 5. To observe 'No Vehicle Day' and keep the campus vehicle free. It helps to save the fuel, avoids the environmental pollution. 6. To maximize the use of ICT and minimize the use of paper. It will help to go towards 'Paperless College. 7. To use the solid waste through vermin-compost on the campus and use it as a fertilizer. 8. To reduce the 'sound pollution in the campus, we have built the seating arrangements in the shade of trees in our campus. 9. To use 'Use me' Dry and Wet dust bins in the college campus so as to keep college campus clean 10. To protect and nurture the Flora and Fauna on the campus (the term flora

relates to all plant life and the term fauna represents all animal life) 11. To maintain green campus, 'Green Audit' is done regularly. 12. Desisting from involvement into any environmentally harmful practices. 13. Planting trees on a regular basis. 14. Making the campus a plastic-free zone, making the campus a smoking-free 15. Arrangements of dustbins in every corner. 16. Use of carpool services by the faculty members so as to avoid excess of air pollution.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice No. 1 – SIR M V DIGITAL STUDIO Inauguration of Digital studio in GMIT campus for the conduction of student Project exhibition and online class learning, Inaugurated by principal Dr. Y Vijay Kumar and Management representative Y subhash Chandra also with the presence of Hod'sand staffs of all the department. Goal: • to experiment with new teaching pedagogies using technology in the classroom • to control the pace, place, or time for learning • to facilitate deeper learning through reflection and shared activities • to increase learning engagement through asynchronous discussion and live virtual sessions • to provide instant access to learning content and activities for collaboration and co-creating knowledge Introduction: Digital and places with different names but similar objectives (such as the New Media Writing Studio at have arisen in response to the need for resources dedicated to improving students interactions with digital technologies for rhetorical ends. Digital Studios have often been theoretically and administratively linked which are sites where students can seek assistance with their text-based projects. The academic term that has been used for this kind of site (i.e. a writing center with a focus in digital and new media) center. Besides having a multimodal focus, Digital Studios also make a departure from the writing center model in allowing students the freedom to work in the Studio without one-on-one interaction with a writing tutor. Advantages of Digital studio: 1. Recorded lectures One big benefit of digital learning is that some of your classes will be recorded. This means that if you miss something, or realise later that you don't quite understand a particular topic, you can go back and watch the class again to get the answers you need. You'll always be able to ask your teacher if you're struggling with anything, but solving a problem by yourself can be a great feeling! 2. 24-hour resources Perhaps you find it easier to focus in the evenings, or you just can't sleep and want to get some extra study in after hours — with digital learning, you won't have to worry about the library or the lab being closed. You'll be able to access your learning materials online any time, and with advanced tools like lab simulations you can even carry out science experiments from the comfort of your own home! 3. Connected learning When you choose online learning, you'll be part of a connected community. If there's something you need help with, tools like Zoom and Microsoft Teams can connect you with your classmates so you can find the answers you need right away. And, although your teachers will still have a timetable of classes to teach throughout the day, instant messaging platforms and email mean you won't have to wait until your next lesson with them to ask any questions you may have. Although they might not always be able to answer you right away, you'll both have the freedom to communicate at times during in the day that suits you. 4. Self-directed study Self-directed study is an important part of higher education. It refers to the time you spend learning away from your classes, when you're not being directed by a teacher. This time is important because it helps you to identify the things you're good at, and the areas where you might need to work a little harder. Although you will still have plenty of contact with your teachers while you're studying online, there will also be times when you will have to make an active decision to study, and choose for yourself what to focus on. Taking charge of your own education like this can be very empowering, and can give you a sense of self confidence that helps you to do

even better. University-level study also involves a lot of self-directed learning, so it's great preparation for your degree. 5. Flexible choices These days, we have a wealth of technology at our fingertips, and that's especially true when it comes to digital learning — you'll be able to mix and match the programs and software you use with different people, and for different activities. So, even if your teacher always uses Zoom to broadcast lectures, when you're working on a group project with your classmates you'll be able to play around and find the method of working together that works best for you, whether that's Zoom, Slack, Microsoft Teams or even WhatsApp! 6. Written language skills Digital learning could help you improve your written language skills. When you're studying online, you will likely use instant messaging apps to quickly get in touch with people, so you won't be able to rely on the hand gestures and facial cues that can make communicating easier. That means you will learn how to write in a way that that is clearly understood — great practice for all the essays you'll be writing. 7. Familiarity with technology Our hyper-connected world means that more and more businesses are going global, with overseas offices and remote workers in lots of different countries. It's not always practical to fly across the world for a meeting, so many businesses are adopting online connectivity tools to create virtual meeting rooms — just like the tools you use when you join your seminars online, or get together with your classmates to discuss your homework. When you graduate, you'll have plenty of experience using software that some working professionals are only getting to grips with now, which could help you with the transition from studying to starting your career. 8. Tracked progress Digital learning doesn't only help you to identify your strengths and weaknesses it enables your teachers to track your progress too. They will have an easily accessible online record of all your work, and they'll be able to monitor your engagement as well. For example, your teacher will be able to see if you are attending all of your seminars, but not contributing to some of them. That could be because you are struggling with that material, so they will be able to reach out and offer guidance. They might even realize you're having a problem before you do! Practice No. 2 – "BLOOD DONATION- NSS Introduction: The motto of NSS "not me but you" reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students to develop appreciation to other person's point of view and also show consideration to other living beings. The philosophy of the NSS is well doctrined in this motto, which underlines on the belief that the welfare of an individual is ultimately dependent on the welfare of the society on the whole and therefore, the NSS volunteers shall strive for the wellbeing of the society. The Cordial Principle of the Program is that it is organised by the students themselves, both students and teachers through their combined participation in social service get a sense of involvement in the tasks of national development. Besides, the students particularly, obtain work experience which might help them to find avenues of self-employment or employment in organisation at the end of their university career. With the goal to work for the betterment of society and instill the spirit of Social service among the young students, with this motto GMIT, Davangere established NSS unit in its campus in the year 2016 to undertake the Comprehensive projects in close collaboration with community. Student volunteers actively involving in all such activities for the welfare of society and themselves. NSS unit of GMIT conducts the following activities: 1. Blood Donation Camp 2. Swachh Bharath Abhiyan 3. Health Awareness Program 4. Personality Development Program 5. Sadbhavan Divas Celebration 6. International Yoga Day celebration 7. Vanamahothasava Program 8. Awareness Program for college students on disabilities 9. Swachh Bharath Summer Internship Program 10. Voting Awareness Program, etc. Organized Blood Donation camp in G M Health Center in Collaboration with Hemophilia Center, Davangere. To commemorate the death anniversary of Late Sri. G Mallikarjunappa and Late Smt. G M Halamma on 23rd November 2019. (135units of Blood Donated). Goal or Objectives: 1. To ensure the ready availability of the required group of blood,

24 hours in a day. 365 days in a year. 2. To Organize Community based blood donation cams at Villages and among the unorganized sector of People to propagate the Messages about Blood donation and to remove the myths and misconceptions about blood donation. 3. To create and update a directory of Voluntary Donors so that the required blood is available on request. 4. Capacity building of Primary Health Centre System, NGO system and other community based Organizations to organize Blood Donation camps at the request of the Blood Bank Medical Officers. 5. To generate awareness on Blood Donation and its significance in saving lives during emergencies particularly during Obstetric emergencies and accidents.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://gmit.ac.in/naac/cri7/2019-20/7.2/bestpractices2019-20.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 institution was established with a vision to provide necessary infrastructure, human resources and motivation to nurture the research competencies among the students and faculty members. The Institute had recognized as a Host Institute (HI) to setup/establish Business Incubator (BI) for implementation of the scheme namely 'Support for Entrepreneurial and Managerial Development of MSMEs through incubator'. The institution has been selected under NAIN scheme, KITS, Government of Karnataka. The institute had awarded with a Gold rating in the AICTE CII survey of industry linked Technical Institutes 2018 for its remarkable progress and development and growth linking with industries in the areas of placement, internship, industrial visits, industrial training, interactions with the industries regarding organizing various technical activities, advanced industrial developments, consultancy and R D. The Memorandum of understanding (MOU) is executed on 19th June 2020 between the GM Institute of Technology, Davangere and Manipal Academy of Higher Education (MAHE), Manipal a deemed to be university under section 3 of UGC Act on behalf of the Manipal School of Information Sciences (MSOIS) for three years. The Student of Biotechnology branch Vedashree N.D had secured 8th rank in the VTU examination held during the August 2020. The 250 KLD D – ANOOZ Anaerobic treatment – Organization System is the most effective and advanced technology for treatment domestic waste water of GMIT campus and reusing the water for many secondary purposes. The Induction program was organized with an aim to ensure that every student feel welcomed, engaged and excited to begin this new important stage in their education. The idea was to make the students aware of their prospective opportunities and to show them the path they have to adopt in order to become successful engineers with ethical values. With the goal to work for the betterment of society and instill the spirit of Social service among the young students, the college had established NSS unit in its campus to undertake the comprehensive projects in close collaboration with community. The Training and Placement department arranges training for students on employability skills and also responsible for making students industry ready.

Provide the weblink of the institution
https://gmit.ac.in/naac/cri7/2019-20/7.3/institutionaldistinctiveness2019-20.pdf

8.Future Plans of Actions for Next Academic Year

After several brainstorming sessions with the Governing Council Members, Senior Corporate Personnel, MOU signed Industries and well-wishers, the Institution has

planned robust future plans for the coming academic year after successful submission of Second AQAR report for the academic year 2018 - 19 to the NAAC portal for Accreditation to face the competitive scenario and to maintain the Academic quality at the institution level. The following are the future plans for the institution for the forthcoming Academic Year : 1. Institution has got NBA Accreditation for 4 UG Programs (CSE, ECE, ME CV) for 3 years, Keeping this in mind and to complete the process of Accreditation for the eligible UG programs, the Institute has planned to apply for 2 UG Programs (ISE BT) to give assurance to the stakeholders that the teaching-learning process at the campus is at International standard by accrediting all the available eligible UG Programs in the Campus. 2. To bridge the gap between Industry and academia and to work with corporate, the institution has decided to go for International MOUs with other countries to promote faculty exchange and student exchange activities and to stay at par with Institutions of national repute. 3. To meet the expectations of the foreign Universities for signing MOU and to meet our Alumnus who are working with MNCs in other countries, the Institute has taken decision to use blended version of Teaching and Learning Process by using ICT Tools in the Campus and made an attempt to convert classrooms accordingly in the phased manner. 4. The Institution has planned to implement Self Performance Appraisal System in the coming Academic Year with 1000 points scale where Professors have to concentrate more on Research Innovation and Assistant Professors will concentrate more on Teaching learning process. 5. Institution has planned that all the Ph.D. faculties will put more efforts to bring Research Grants from various agencies, industry and other organizations and also to create Incubation centers and start-ups in the campus 6. The institution has planned to increase the number of workshops / Seminars / FDPs / SDPs on emerging areas for the students by the Heads of the Departments in their respective departments mainly to inculcate the skills required by the corporate. 7. Institute has planned to get NCC in the campus under self-financing scheme, so that the students can learn about society and helps the AICTE 100 points scheme active. Accordingly, NCC and NSS cells are planned to increase gender equity promotion programs in the campus. 8. The institution has planned to give a robust method of making students placement ready by giving required training from the II year itself and to create more entrepreneurs by inculcating the required skills. 9. Finally the Institution has planned to make socio relevant economical products in each Department using the centers available in the campus by using student skills and developing apps for the public. Institution planned to teach students P (UG project) to P3 (Publication or Patent or Product) concept.