Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**MAHATMA GANDHI MISSION'S COLLEGE OF ENGINEERING**
Name of the head of the Institution	**GEETA SHRIKANT LATHKAR**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02462-222999**
Mobile no.	**9850455553**
Registered Email	**director_naac@mgmcen.ac.in**
Alternate Email	**director@mgmcen.ac.in**
Address	**Near Airport, Hingoli Road, Nanded**
City/Town	**Nanded**
State/UT	**Maharashtra**
Pincode	**431605**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Harkare M.G.**
Phone no/Alternate Phone no.	**919881747185**
Mobile no.	**9881648391**
Registered Email	**harkare_mg@mgmcen.ac.in**
Alternate Email	**patil_jh@mgmcen.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://mgmcen.ac.in/docs/AQAR_2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://mgmcen.ac.in/academic-calendar.aspx

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	**B++**	**2.86**	**2018**	**23-Aug-2018**	**22-Aug-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**01-Nov-2016**

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
Conduction of Academic	**01-Jul-2020**	**5**

Administrative Audit	2	
The Chairperson Dr. Mrs. Geeta Lathkar and Committee members decided to get faculty members reistered for online NPTEL course organized by IIT Bombay	14-Mar-2020 90	62
To enroll the students for different online NPTEL & SWAYAM Courses	10-Apr-2021 90	139
[View File](#)		

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
Nil	Nil	Nil	2020 0	0
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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 :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Upgradation and renovation of laboratories

"The Chairperson Dr. Mrs. Geeta Lathkar and Committee members decided to get faculty members registered for online NPTEL course organized by IIT "NBA Accreditation and Teaching Learning in Engineering", This course Bombay ", This course consisted of online teaching by IIT experts, work for individual participants and face to face interaction andd online MCQ tests. Sixty two participants successfully completed the course "

Successful Completion of Technical & Soft-skills Training Courses through Training and placement cell to focus on placements
Active participation of faculty and students in various activities of Unnat Bharat Abhiyaan.
Active participation of faculty and students in online NPTEL courses & Swayam

[View File](#)

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 organize online webinars and classes	• To expose the students in front of Alumnus as guest for Webinars , online classes in the Pandemic situation, Internal/External online examinations in the Pandemic situation
To enroll the students for different online NPTEL,Swayam, Courses and Webinars	Students of various departments are encouraged to participate in various activities.
"To organize various Training Courses through Training & Placement Department like: Fundamentals of Basic English, Aptitude & Soft Skills Training, C-Programming, 3-D printing , InfyTQ Python etc "	"• The training help the students for placement & total 78 students of various Departments were placed in different Organizations in Academic Year 2019-20 "
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Council	31-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	23-Aug-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020

Date of Submission	18-Jan-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 Institute has acquired Management Information System (MIS) which is Web based College Administration System named as CASERP. Institution itself maintains inhouse CASERP server. Earlier the system was paper based. However now it is online and paperless. CASERP enhance all Institutional functioning i.e. Academic Administration, Financial General Administration. Every stake holder i.e. students, staffs, parents are having access to this CASERP by unique loginid and can get the related update information. Academic administration: The institutional unique login ID Institutional email ID is given to all students and faculties. Academic calendar is displayed on website taking care of all curricular and cocurricular activities, holidays, etc. The subject wise teaching plan and Timetable is made available online to all concerned students. In order to get the attendanceupdates of students, it is mandatory for the faculties to update daily attendance in CASERP. Faculty, Parents students can also see the Teachingplan, status of attendance, completion of syllabus, TestMarks and related other information. Apart from this TestMarks SMS and AttendanceSMS after every 15 days are sent to the parents. At the end of Submission Card of students gets generated. Student's important documents are uploaded in their personal DWallet (Digital Wallet) Financial Administration All types of Students' fees are collected though SBI Collect and their personal ledgers get maintained in CASERP. 'SBI Collect' has reduced the overhead office staff for the collection of fees and students for the payment of fees by standing in a queue. Parents and students can see the status of paid fees and outstanding fees through their CASERP login. This facilitated the students and parents in a great way. Accounting, Fees, Scholarship and Salary modules are inculcated in CASERP. Cashbook,

BankBook, Daily Collection Report, Fees outstanding, and all related reports are generated through CASERP. Salary slips of employees get generated and can be seen in their personal CASERP login. General Administration: Biometric attendance of all employees is maintained in CASERP. Reports like daily attendance, spanwise attendance, movement register, latearrival, early departure, yet not reported are generated on daily, spanwise and personwise basis. Online leave is incorporated where employee can apply for leave, get recommended and approved by the concern authority. Related Approved/Rejected sms is sent to the concern employee. Real time Reports of all types of leaves spanwise, personwise, sessionwise, applicationstatuswise get generated. These reports can get anytime from anywhere. BiometricLeave module is interlinked to salary module to generate the salary. All important documents/certificates of employees are maintained in the Digital Wallet of individual's CASERP login. These can be accessed and referred at anytime from anywhere. Students' certificate/document like Bonafide, Expenditure, character etc is generated online. Store module and result Analysis are in process. In pandemic situation of COVID19 Webinars of Alumnus and experts were organized on recent developments of respective discipline and to share their views by respective departments. Online classes are planned and conducted by all staff members of respective departments. Google forms are created to conduct online internal / external examinations to complete the academic

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 institution has the mechanism for well planned curriculum delivery and documentation process The Institute is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere since 2017. For 2019-20 only Final Year affiliation is with SRTM University, Nanded. The curriculum is framed by SRTMU and DBATU. The Institute adopts a systematic approach for effective curriculum

implementation. The academic calendar is given by the respective Universities at the beginning of every academic year. Based on this academic calendar Director, Heads and Administrative Officer discuss and prepare an academic schedule of the Institute. It is then distributed to the departments. HOD allocates subjects to the faculty as per area of specialization, immediately after the end of previous semester so that faculty members get enough time for preparation of the allotted subjects. The Time Table coordinator of each department prepares Time-Table for each Class in Enterprise Resource Planning software system. Irrespective of university calendar, we start our teaching schedule even before university results in the interest of maximum possible number of working days. Every faculty member prepares a teaching plan of his/her subject in ERP software system in accordance with the Institute Academic Calendar and University Syllabus. The complete documentation is prepared and maintained in ERP software. We follow the process of preparing teaching plans since 2005. The lecture conduction is daily monitored by the Administrative Officer. The faculty members update their lecture conduction and student attendance in ERP after every lecture. Director, Academic Cell Coordinator and HOD monitors the progress of curriculum implementation at the end of every month. Faculty members maintain course file having – Course Objectives, Course Outcomes, Individual Time-Table, Teaching Plan, Assignments, Test Marks, University Question Papers, Student Attendance, and Teaching Notes. Lab Manuals are prepared by faculty for the respective subjects. Classroom teaching is supplemented by seminars, mini-projects, expert lectures, industry and field visits, in-house and industry sponsored projects. Faculty members adopt innovative teaching practices like ICT based teaching methods, using models and simulations, blogs, video lectures, etc. Internet facility is available through wired and Wi-Fi networks for the access of e-books, e-journals, e-learning resources and NPTEL video lectures. The college has well-equipped library and laboratories to help faculty members for effective delivery of the curriculum. LCD projectors are made available in the classrooms for effective teaching. Monthly class attendance is displayed and conveyed to students as well as parents through SMS. We follow this practice since quite a long time. Earlier test marks and attendance details of every student were sent to their parents through letters & then through SMS. Continuous assessment of Term Work is done. Parents are involved in the education process of their wards keeping them informed regarding their attendance and Test marks through parent meetings. Student's feedback is taken to assess the teaching-learning process. Corrective measures are taken. To cope with recent trends and demands of the industry, Institute has enough subscription to e-journals and e-books. In addition to the university specified teaching hours, extra lectures and tutorials are conducted for first year students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
TCS Ninja Training	Nil	14/06/2019	30	Nil	Skill Development
InfyTQ Python training	Nil	14/06/2019	30	Nil	Skill Development
Basic English Soft Skills	Nil	26/12/2019	13	Employability / Entrepreneurship	Nil
ReactJS	Nil	06/06/2019	5	Employability	Nil

Software Testing	Nil	27/01/2020	24	Employability	Nil
Perl Programming	Nil	15/09/2019	45	Employability	Nil
Soft Skills and Aptitude Training	Nil	01/07/2019	09	Employability / Entrepreneurship	Nil
Basic English and Soft Skills	Nil	26/12/2019	14	Employability / Entrepreneurship	Nil
3-D printing	Nil	06/12/2019	24	Entrepreneurship	Nil
C-Programming	Nil	06/12/2019	24	Employability	Nil
E-Tabs software	Nil	26/12/2019	13	Employability	Nil
Customized Aptitude Training for Infosys Drive	Nil	20/01/2020	06	Employability	Nil
Customized Aptitude Training for Capgemini Drive	Nil	17/02/2020	06	Employability	Nil
Online Face360 training program	Nil	01/05/2020	06	Employability	Nil
Programming in JAVA	Nil	27/01/2020	112	Employability	Nil
Introduction to internet of things	Nil	27/01/2020	112	Employability	Nil
CMOS Digital VLSI design	Nil	27/01/2020	112	Employability	Nil
Water Supply Engineering	Nil	27/01/2020	112	Employability	Nil
Hydraulic Engineering	Nil	27/01/2020	112	Employability	Nil
Geotechnical Engineering-II/ Foundation	Nil	27/01/2020	112	Employability	Nil

Engineering					
Operations Management	Nil	27/01/2020	112	Employability	Nil
Convective Heat Transfe	Nil	24/02/2020	84	Employability	Nil
Convective Heat Transfe	Nil	27/01/2020	112	Employability	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	Civil Engineering	01/07/2019
Nill	Computer Science & Engineering	08/07/2019
Nill	Electronics & Telecommunication Engineering	15/07/2019
Nill	Mechanical Engineering	01/07/2019
Nill	Information Technology	08/07/2019

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

	Certificate	Diploma Course
Number of Students	2552	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
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No

Alumni	Yes
Parents	Yes

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

Feedback Obtained

The Institute collects feedback from various stakeholders like Students, Teachers, Alumni and Parents for continuous quality improvement in teaching learning process, library and infrastructure of the institute. Feedback obtained from students contains maximum possible aspects of the teaching process like punctuality for conduction of all the courses, concurrence with the Academic Calendar and the teaching plan given to the students at the start of the semester. Whether, the content is well understood by the students. Whether, the complete syllabus is covered in the class as prescribed by the University. Number of Practicals conducted and performance of all students. Availability of Books, Journals, e-journals as required in Library. Behaviour and availability of the Library staff, Office administrative staff, Store staff etc. Various learning material available as required in store. Various facilities available in office, availability and behaviour of HOD and Director with the students and also feedback about availability and requirement of infrastructure including Canteen facilities and cleanliness and general facilities they get. Feedback is analyzed by respective class Teachers and brought in the notice of Head of Department. HOD brings it to the notice of Director. Director together with HOD's will take the corrective actions and keep the essential in Governing council and Governing council will take action on the feedback wherever necessary. Based on the feedback the necessary instructions to concerned teachers regarding improvement in teaching are given. Feedback obtained from Teachers is analyzed by HOD which contains the feedback about the courses they are taking, content of the course, course material and books to be adopted, new courses to be included, what should be included and what should be removed from the syllabus. HOD will take note of it and HOD will suggest the Board of study Members and Board of study Chairman for revision of syllabus in the University. HOD and Faculty members also consult with their contacts in the industry and get inputs from them regarding update in the curriculum development. Feedback is obtained from Alumni about the curriculum, lab facilities, Infrastructure available, software and tools used in industry, new courses required as per industry requirements, etc. The feedback is analyzed by concerned Departmental Faculty-Incharge and if any suggestions which can be implemented will be brought in the notice of HOD. HOD will suggest with the permission of Director about syllabus up gradation, lab development etc. to the concerned authorities. Feedback obtained from Parents about the regularity of conduction of the courses and general development of their ward and if they have any specific requirement or complaint about any faculty or department / institution in general. Whether their ward is studying satisfactorily. The qualified parents can also suggest what should be added and what should be removed from their wards curricula and it is analyzed by faculty members of each department and they will bring the suggestions given by parents to the notice of the Head of the Department. HOD will inform the Director for appropriate implementations of the suggestions.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled

BTech	CIVIL	60	49	45
BTech	CSE	120	130	112
BTech	IT	60	60	41
BTech	ETC	60	19	14
BTech	MECH	60	38	22
Mtech	CIVIL_STRUCTURE	18	6	5
Mtech	CSE	18	2	1
Mtech	MPE	18	1	1
Mtech	ETC	18	1	Nill

[View File](#)

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	1517	25	62	1	6

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
66	66	4	21	21	7

[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)

Institute offers unique mentorship system where faculty member have the opportunity to develop a relationship with students as a mentor. Mentoring has strengthened students ability to recognize their skills, abilities, interests and weakness helping them in accomplishing long-term goals. Mentoring is done in several forms including career exploration and life skills development. During regular mentor-mentee meetings, the students get an opportunity to talk about their academic needs, share their goals, and discuss concerns and needs. The mentoring activities and support encourage academic excellence, self-esteem, and personal growth of the students. A networking of mentor, class-teacher, Heads and Director is in place to take care of to and fro flow of information and actions. Mentor is connected with all the cells formed for academic and administrative functioning of the Institution such as academic cell, examination cell, T P cell, disciplinary committee, students section in the office etc. Mentor is also aware of mentees participation in the activities of professional associations of the students in the Department like ETA, CESA, MESA, CUC, and ITSA along with extracurricular activities. Mentor-Mentee scheme helps a lot in improving the institute's present endeavor towards academic excellence and quality upgradation in line with NAAC guidelines. It immensely contributes to the improvement of overall academic quality. The students are greatly benefitted by continuous support and guidance. Mentoring has created an informal bonding between the students and teachers especially during pandemic. Following are some of the responsibilities of mentors: • To take review of attendance and performance of mentee in online class room and lab sessions and keep parents informed as and when necessary. • Continuous counseling and guiding the students regarding online activities like webinars,

workshops during pandemic. • Continuously monitor academic performance of students. • To provide mental support during the stressful period of pandemic. • Advise students regarding choice of electives, summer training etc. • Advise students in their career development/professional guidance. • Keep the head of the Institute informed from time to time. • Encourage students for participation in online academic competitions /conferences /Seminars/Workshops The Institute has started allotting students to alumni as mentors. This activity 'Alumni Interaction as Mentor' (AIM) is functioning since 2016-17.Alumni are made available to the students for career guidance. This has helped a lot in connecting students with the Industry and makes them aware of recent trends going on. Mentoring has resulted in increased commitment and dedication of students towards their studies. Strengthening their bond and networking.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1542	69	1:22

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
90	69	21	3	13

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
2019	Dr. Geeta S Lathkar	Director	Best Principal Women , Indian Society for Technical Education Maharashtra and Goa, ISTE Maharashtra and Goa Section Ghodbunder Road Thane.
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BTech	CIVIL	Semester	19/11/2019	18/01/2020
BTech	MECHANICAL	Semester	08/05/2020	16/07/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Being an affiliated Institute, the institute follows the evaluation scheme provided by the affiliating University for CIE. The Institute has taken many corrective measures and done many reforms in CE system at Institute level. For efficient, transparent and time bound implementation of CIE the Institute has formed Examination Cell. This Examination cell under the guidance of Director

and academic cell plan and conduct CIE process throughout the academic year. The institute believes in continuous improvement and has made many reforms in the continuous internal evaluation system that resulted switching from faculty-centric system to student-centric. Some of the initiatives taken by the Institute are Uniform distribution of syllabus for all internal examinations and mid-semester examination for all subjects The semester performance of the student is based on theory, laboratory work, regularity and sincerity of the students throughout the semester. For maintaining transparency in the assessment, answer books are shown to the students. In case of any grievance, the student approaches concerned faculty or Department and get it resolved. Preparing question paper for internal examination based on Knowledge level using revised Bloom's taxonomy resulting in evaluation at all learning levels. Course outcomes, Program specific outcomes and Program outcomes are specified in question paper, helping in determining attainment of the program. Institute has acquired academic management software, that help determining program outcome and Conduction of examination in online mode. Conducting performance review meetings for further improvements. Thus the institute has made significant reforms in CIE that help in determining attainment of the program.

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

In concurrence with academic calendar of the affiliating University, the Institute prepares academic calendar for every semester. Director, IQAC coordinator, all the heads of the Departments and academic coordinator discuss and finalize the academic calendar. The academic calendar includes schedule for Start and end of the semester, Curricular and co-curricular activities, Display of question bank, Schedule for internal and mid-semester examination, Display of attendance and result, Sending student performance to their parents Dates for Parents meet Various holidays and cancellation of holidays Syllabus completion dates, etc. Academic calendar is conveyed to the students and faculty well in advance. As the academic calendar is known well in advance to teachers and students, the teaching and learning process as well as conduction of examination goes on smoothly. The Institute is having ERP software. Every faculty member prepares a teaching plan of his/her subject in ERP software system in accordance with the Institute Academic Calendar and University Syllabus. The complete documentation is prepared and maintained in ERP software. Institute strictly adheres to the academic calendar, and conduction of various examinations and other activities that are carried out throughout the semester. This helps students and teachers plan their activities. This results in efficient and time bound completion of internal examination and other academic activities. Academic planning help Institute in participating and organizing various extra-curricular and co-curricular activities like annual social gathering, participation in Youth Festival, Participation in Inter-collegiate sports, competitions like cricket, chess, badminton, table tennis, etc, organized by the affiliating University and Institute.

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://mgmcen.ac.in/computer-science-engineering/programmes.aspx

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

212724210	BTech	Computer Sci. & Engg	125	118	94.4
212724610	BTech	INFORMATION TECHNOLOGY	34	31	91.18
212737210	BTech	ELECTRONICS & TELECOM	72	70	97.22
212761210	BTech	MECHANICAL	54	52	96.3
212719110	BTech	CIVIL	62	60	96.77
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2.7 – Student Satisfaction Survey

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

http://mgmcen.ac.in/newsdetail.aspx?newsid=85

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
No Data Entered/Not Applicable !!!				
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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
International Conference on Computing in Engineering and Technology (ICCET 2019)	Computer Science and Engineering	09/01/2020
Two-day workshop on Introduction to Robotics through the e-Yantra Lab Setup Initiative (eLSI)	Computer Science and Engineering	02/08/2019
3-Days Workshop on "Web Development using Python (Django Framework)	Computer Science and Engineering	22/08/2019
2-Days Workshop on "IoT using Arduino"	Computer Science and Engineering	17/10/2019
15-days Resource-based React JS Online (Short Term) Training Programme	Computer Science and Engineering	06/06/2020
4-days Hands-on Training on R-Programming	Computer Science and Engineering	06/06/2020
A National Technical Webinar on Introduction	Computer Science and Engineering	10/06/2020

to Cloud Computing and AWS		
A Live National Webinar on Top Innovations using Data Science a National Technical Webinar on 11th JUNE 2020 , by Mukesh Jain,- Chief Technology and Innovations Officer, VP and Head of Insights Data Technology	Computer Science and Engineering	11/06/2020
A Live International Webinar on Alumni Perspective: Dream Big by Kirthiga Reddy, Investment Partner, Soft Bank Investment Advisors, USA on Date: 15/06/2020	Computer Science and Engineering	15/06/2020
A live International techinal webinar, on Interpretable Machine Learning With Probabilistic Graphical Models scheduled on 27th JUNE 2020 , @ 5:30 PM IST by Dr. Venkat N. Gudiwada , Professor and Chair of the Computer Science Department at East Ca	Computer Science and Engineering	27/06/2020
Mobile Communication and OTT 2, Career Progression	Electronics and Telecommunication Engineering	20/06/2020
Digitization and Digital Competences	Electronics and Telecommunication Engineering	31/05/2020
Internet of Vehicles	Electronics and Telecommunication EngineeringElectronics and Telecommunication Engineering	28/06/2020
A Technical Webinar on Alumni Perspective: Challenges in Design and Construction of Highway Tunnel through Muree Formation in Himalayas	Civil Engineering	28/06/2020
A Technical Webinar on Alumni Perspective: Career Opportunities after COVID-19	Civil Engineering	29/06/2020
Seminar on Industry 4.0 factories of future by Dr. B.K. Buktar HOD Mech., Sardar Patel	Mechanical Engineering	16/08/2019

College of Engg. Mumbai.		
A workshop on BMW Engine Dignosis by Rakesh Sharma, Abhyuday-Social body of IIT-Bombay	Mechanical Engineering	15/08/2019
A seminar on Job Opportunity in CAD-CAM by by Mr. Akshay Joshi,CAD-CAM-GURU Solutions, Pune	Mechanical Engineering	02/03/2020
A Webinar on Placement opportunities for Mechanical Engineering students by Prof. Pramod Dastoorkar, head Coroporate Relations-MIT, AOE, Pune	Mechanical Engineering	26/06/2020
R Programming Training Workshop	Information Technology	04/02/2020

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
Detecting Poor Telecom Connectivity Regions using Users Device Signal Strength	Amaan Shaikh Rohan Bhutada Rohan Rokade Suchitra Choedante Vyanktesh Galpallewar	Smart India Hackathon-2019-2020	03/08/2020	Students

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
10000	25000	50000

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

Name of the Department	Number of PhD's Awarded
-	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)
No Data Entered/Not Applicable !!!			

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

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
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!						
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	Nill	Nill	Nill
View File				

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
View File			

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

No Data Entered/Not Applicable !!!	
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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
No Data Entered/Not Applicable !!!			
View File			

 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
No Data Entered/Not Applicable !!!					
View File					

 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
No Data Entered/Not Applicable !!!			
View File			

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
187	50.87

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Nill	Existing
View File	

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
SOUL	Fully	2	2007

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

No Data Entered/Not Applicable !!!	
View File	

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
No Data Entered/Not Applicable !!!			
View File			

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	**772**	**16**	**1**	**1**	**1**	**1**	**5**	**100**	**0**
Added	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**783**	**16**	**1**	**1**	**1**	**1**	**5**	**100**	**0**

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

100 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
Remote Centre hall with camera with recording facility. NPTL, IIT Mumbai, IIT Kharagpur in video format	_http://ieeexplore.ieee.org/Xplore/home.jsp_
Remote Centre hall with camera with recording facility. NPTL, IIT Mumbai, IIT Kharagpur in video format	_http://www.it.iitb.ac.in/nmeict/videoDownloads.html_
Remote Centre hall with camera with recording facility. NPTL, IIT Mumbai, IIT Kharagpur in video format	_http://www.nmeict.iitkgp.ernet.in/audio.php_
Remote Centre hall with camera with recording facility. NPTL, IIT Mumbai, IIT Kharagpur in video format	_http://www.nmeict.iitkgp.ernet.in/video_link.php_

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
113	**109.65**	**205**	**186.54**

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)

All the infrastructure facilities like Land, Buildings, Water Supply, Sanitation, Electrification, Equipment, Furniture, Fire Fighting, Security, Power generation etc. are maintained by the Construction Maintenance Team (Estate Office) through full time staff on roll as well as agencies on hire/agreement as needed. The above team deals right from identifying the requirement, awarding the works, execution, supervising to regular monitoring of the ongoing works. The already well planned developed landscape of the campus is continuously maintained for its Green Lawns, water bodies, Fountains, nursery, roads, pathways, street lights, playgrounds, protection wall etc. All kinds of vegetation of the entire campus is maintained by Drip Sprinkler Irrigation system for optimum consumption of water. Regular use of manure, fertilizers, pesticides etc. is done as required to increase the health life of the plants. Rain water harvesting is done to top up all bore wells in the campus and also to increase the ground water of the campus area. The huge 7.45 Acres of ground meant for all kinds of outdoor games is watered, weeded out consolidated from time to time. The Institutional building is kept clean tidy by dedicated staff daily. Housekeeping, Dusting of equipment and cleaning of glass panes is taken up daily. Washrooms are maintained by full time dedicated team focusing on Hygiene. All the electrical wiring, fixtures, equipment, machinery, earthing are regularly monitored for their efficiency. Energy audit is done as needed. B-check is performed for the diesel generator for every 250 hours of run. Lights fans are being replaced with energy efficient ones to reduce consumption maintenance cost. The electric fittings and furniture of all the departments are regularly checked, repaired or replaced immediately if necessary. Each department is held responsible to maintain their Class rooms Laboratories by reporting to the Estate Office and maintenance works are carried out regularly. Library is regularly checked fumigated against infestation by termites, insects, rats etc. Books in the shelves are rearranged frequently and Naphthalene balls are used for hygiene. Book binding is done as frequently as required to extend their life. Calibration of most of the equipment is done by the respective departmental staff, rest is outsourced by standard organizations or their authorized agents. A System Administrator and a Network Administrator along with their staff look after the present large quantity of computers wide networking. All the computers of the Institute are regularly checked for Hardware Software issues and attended by our own staff of Computer Department. The whole network system is fire wall protected and updated regularly. Our ERP system helps supports the Institution in Academic, Financial general Administration in preparing the Budget, maintaining Income/Expenditure, tracking the records of Staff/Students, calculating leave/result analysis etc. Thus all the activities associated with the maintenance and upkeep of the Building, Labs, Equipment, Playground, Electrical Installations, Internet Connectivity, CASERP, Surveillance system, Optical Fiber Networking, (LAN and WAN) are taken into account and separate cells are functional to take care of each aspect.

http://mgmcen.ac.in/docs/4-4-2-Procedures%20and%20Policies%20for%20maintaining%20Infrastructure%20Facilities.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	Institutional Freeship	28	1922456
Financial Support from Other Sources			

| a) National | Government Scholership and Freeship | 1059 | 52329157 |
| b)International | Nill | Nill | Nill |

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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 Skill Development	01/07/2019	1028	Details attached in Excel sheet
Bridge Courses	14/06/2019	1921	Details attached in Excel sheet
Remedial coaching	01/10/2019	231	Faculty Members of MGMs College of Engineering Nanded
Mentoring	01/07/2019	1542	Faculty Members of MGMs College of Engineering Nanded
Personal Counselling	05/11/2019	145	Lori Beer, IIT Bombay

View File

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	Counselling by faculty members for competitive exam	465	Nill	6	Nill
2019	Career Counselling by Mr Manish Singh, Team Acquisition Lead at Infosys	Nill	217	Nill	5
2019	Career counselling by Director, HODs,T and P Team and Mentors	Nill	465	Nill	104
2019	Career	Nill	99	Nill	9

	counselling at Infosys Mysore campus				
	[View File](#)				

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Details attached in excel sheet	931	75	Details attached in excel sheet	74	43
[View File](#)					

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	M.G.Ms College of Engineering, Nanded	Civil Engineering	Sanmati College of Engineering Washim	ME Structures
2020	1	M.G.Ms College of Engineering, Nanded	Civil Engineering	Anantrao Pawar College of Engineering, Pune	MTech Environmental Engineering
2020	2	M.G.Ms College of Engineering, Nanded	Civil Engineering	M.G.Ms College of Engineering, Nanded	MTech Structures
2020	1	M.G.Ms College of Engineering, Nanded	Civil Engineering	SGGS, Nanded	MTech Structures
2020	1	M.G.Ms College of Engineering, Nanded	Civil Engineering	SGGS, Nanded	MTech Water Resource Engineering
2020	1	M.G.Ms College of Engineering,	Electronics and Telecomm	VJTI Mumbai	MTech E&TC

2020	4	M.G.Ms College of Engineering, Nanded	Computer Science and Engineering	SGGS, Nanded	MTech CNIS
2020	1	M.G.Ms College of Engineering, Nanded	Civil Engineering	Heriot Watt University, Dubai	MSc in Civil Engineering and Construction Management

View File

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

Items	Number of students selected/ qualifying
GATE	4
GRE	1
Any Other	1

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Details attached in Excel sheet	Details attached in Excel sheet	947

View File

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	All India Participation	International	3	Nill	S1032170 246, S1032 170194, S1 032170333	Eliza S, Vaishanavi Sugaokar, Yash Damkondwar

View File

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

As per the Rules Regulation under provision of Section 40 of the Maharashtra University Act,1994 and Guidelines provided by affiliated University. The Student Council is formed. The sole purpose of making students representation various committees is that the students should get all round exposure apart from academic when the students work on various committees by taking some authority and responsibility it makes them more sensitive, committed towards the task assigned. Students learn the multitasking, time management, leadership skills, ability to work in team, develop the winning attitude and become socially aware of various cultures. Students of our institute represents in various academic committees like technical paper presentation committee, quiz

competition committee, model and project making committees. Head of institution is incharge of the student council. Student's council is formed with election of General secretary and Ladies reprentative. General secretary heads the team of students' council. Ladies representative represents all the girls and their issues are raised and resolved through her. Magazine secretary is also selected after interviews and joint magazine secretary is also along with their team of students these students collects all the articles poems etc. written by the students and take the responsibility bringing out the magazine named ECLAT. Students are selected as Sports secretary, joints sports secretary. They have their own team of students for conduction of sports, representing various departments. Various sports event are conducted with the help from faculties. All games is conducted in the campus and equally girls are also motivated for representation in all the sports events. Cultural secretary and joint cultural secretary are appointed along with student members in the conduction team. They are fully empowered to conduct the cultural activities on stage maintaining discipline of the dais. A detailed programme is chalked out, discussed with concern faculty incharge then the programme is executed on the stage. While forming students council it is mandatory in our institute if a boy got selected as sports/cultural/Magazine secretary post its joint post is given to a girl by default. Few Events undertaken by students' Council are: 1. Total internal sports /cultural competition organised by student council through the year 2. Participation in Inter-University Youth Festival. 3. Road Safety Campaign 4. General and Technical Quiz 5. Donation for Social Causes 6. Poster Competition Vishakha Samiti is formed in the institute headed by the Head of institute. It comprises of ladies faculty members and a few students also representing in this committee. The committee is meant for safety of girl students. IQAC also have students representation as members. They attend the IQAC meeting and their suggestion also included in minutes of meeting. Our students are also part of committee formed for Unnat Bharat Abhiyan headed by Head of the institute, faculty coordinators and students members. Student members of the Unnat Bharat Abhiyan have adopted 5 nearby villages and done the household and village survey. NSS activity is also a part of our institute headed by Head of institute, faculty coordinators and student members.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Name of Trust:- MGM'S COLLEGE OF ENGINEERING ALUMNI ASSOCIATION SYNERGY NANDED Registration Number : - F-0023036(NND) Executive Council Dr.Mrs. Geeta Lathkar- President Mr. Praveen Kawade- Vice President I Mr. Tarun Oberio- Vice President II Mr Deepinder Singh- Vice President (North) Mr B. Vardhraj - Vice President (South) Mr. Mukesh Jain - Vice President (West) Mr. Salringra Ch Momin Vice President (East) Mr. Mandeep Singh Dhaliwal Vice President (Overseas) Dr. Mrs. Archana Rajurkar – Secretary Mr Hashmi S.A. – Joint Secretary Dr. J. S. Sidhu – Treasurer I Mr. Munir Sayyad- Treasurer I Mr. Prashant Bhadoria – Member Mr. Ritesh Loya – Member Mr. Rahulsingh Bisen – Member Mr. Shivprasad Titare – Member Mr. Nikhil Dachawar- Member Strongest Alumni Network of our institute is our asset. We have a good rapport with our pass out student right from the first batch. It is matter of keep interest of Hon. Chairman and Respected Director who always encourage us. Alumni meetings are arranged on regular basis. In this academic year the alumni meet organized on 27th Dec 2019 in institute campus. This year alumni contributed of Rs. 6, 09,890/- in alumni association. Every Year we call our outstanding achievers from Alumni as our Chief Guests in Annual Social Gathering. The interaction and sharing success stories of eminent alumni helps the students in a great manner. We have launched special group activity Alumni Interaction as Mentor (AIM) on 2nd October 2016 through these 5 students is allotted to each alumni. There is

encouraging response from our alumni to provide Guidance and Professional support for developing their carrier competence. Alumni help us to organize industrial visit, training and also the placement. They also providing platform for Institute- Industry interaction. Director and Staff members of the institute interact with active social networks and incorporate suggestions given regarding Laboratory and Curriculum development. Each Department organizes the Guest Lectures webinar of Alumni for the students. Training and Placement Cell continuously interact with Alumni for skill development and career guidance. All pass out students register themselves on this web page and database of alumni is generated automatically. We take pride in our Alumni having placed in organization for repute world over like Intel, Google, Microsoft, LT, Bosch, Tata Motors, BHEL, HAL and many more. Also the Government organizations like PWD, Indian Railway, Indian Oil, ONGC, Civil Services and all Defence Services. We are proud of our distinguished alumni who have received National and International reorganization for their exemplary contribution. To Name a Few : 1. Kirthiga Reddy : Investment Advisor, Soft Bank, Japan 2. Lt. Col. Mukund Sarsar : Gallantry award from President of India. 3. Mukesh Jain: CTO, Capgemni, Gold Star award by Microsoft, USA 4. Narendrapal Singh Sidhu : Best Employee award by Indian Oil. 5. Dr. Munnir Sayyed : Associate Vice President, Reliance Jio, Mumbai. 6. Gaurav Anand : Territory Manager, Wipro 7. PrashantSingh Bhadoria : Team Leader for First Indigenous Indian Fighter Aeroplane HTT40

5.4.2 – No. of enrolled Alumni:

2987

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

609890

5.4.4 – Meetings/activities organized by Alumni Association :

1. Meeting and activity organized by alumni association on 27th Dec 2019 in institute campus. 2. The alumni reached from various countries and attended the meeting, 3. The Director of institute given the presentation to alumni. 4. Our renowned alumnus Mr. Mukesh Jain done presentation. 5. Mr. Gagandip Suri interacted with Director and Training placement team for on campus recruitment drive of Quinnox company. 6. Mr. Gaurav Karariya interacted with Director Training and placement team for on campus recruitment drive of Cyient company. 7. Alumni done the inauguration of renewed Conference hall in the campus. 8. Cultural event is organized in the campus. 9. The alumni interacted with all Teaching Non teaching staff. 10. The alumni interacted with student of all departments and provided the guidance on career opportunities, current trends in industries. 11. Alumni agree to provide guidance by mentoring the students. 12. Alumni helped for Industry – Institute interaction 13. Our esteemed alumni have delivered webinar on various topics across all engineering discipline after lockdown.

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)

6.1.1: Mention two practices of decentralization and participative management. Academic Cell: For all types of academic planning, execution, monitoring and reporting an academic cell is formed by the Director. The academic cell comprises of all the Heads of the Department, Academic Coordinator Head of MIS, TP coordinator, Librarian and one faculty coordinator from each department chosen by the HOD, The new academic year begins with the meeting of the

academic cell for planning the academic calendar. The target is for maximizing the number of working days. All curricular and extra- curricular activities, CIE, sports and cultural activities are all given the due consideration maintaining the seamless teaching learning process. Class in-charge, subject in-charge, time table in-charge and mentors are there to support the academic cell. With the help of MIS system the reports are maintained about the conduction of classes against planning, attendance of the students, performance of the students in the internal examinations. The parents also can see the performance of their ward through the log in access provided to each student. The SMS for attendance and test marks is also sent to the parents every fortnight. Because of the pandemic situation at the end of the academic year 2019-20, academic cell planned for online conduction of classes, conduction of leftover tests is also done in the online mode. Necessary help was also provided to the University in conduction of online assessment. Thus every element of the Institution is involved in the academic functioning of the institute. Organizing and support activities for event management In the academic year 2019-20, in addition to the regular events related to sports and cultural activities, an alumni meet and International conference, ''International Conference on Computing in Engineering and Technology" were organized. For both the events, maximum faculty members were involved to work for different committees, like registration, food and hospitality, accommodation, transport, program conduction etc. For the International Conference many guests from different countries could be available for us and faculty members got an opportunity to interact with the Professors from US Universities, European Universities, IITs, Chancellor of the University, many other faculty members from Universities of repute were present. This helped our teachers to establish communication and understand the functioning of best Universities and the way the Professors carry their work. Understanding different aspects of work, timely response, the whole team enjoyed working together The alumni get together was the unique experience, representation was there from every passing batch. Students came from many countries. All the faculty members and few alumni worked together for the event forming various committees and looking after various activities. The entire work got distributed. The new faculty members could meet the old pass outs with fruitful interaction for continuing the student support and placement activity with the alumni For alumni also it was a pleasure to meet and interact with their teachers and new teachers in the Institute. Working together in a team is a great experience enhancing the sense of belonging and spirit of unity.

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

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	To provide the state of art curriculum to the students addressing the need for employability is our strategy. Being affiliated Institute the curriculum is provided by the affiliating University. However, the faculty participation is ensured in the development of curriculum. Apart from University prescribed curriculum, the Institute organizes various value addition programs for the students based on technology developments and

	current practices in Industry. We focus on outcome based education and concept is implemented at every stage. Opinion of Industry experts and alumni are given importance while restructuring the curriculum. Regular up-gradation of curriculum is done based on industry needs.
Teaching and Learning	Our strategy for teaching learning is to continuously enhance the affectivity of teaching learning. The process is continuously monitored for efficient delivery of curriculum. With progressive enhancement of ICT tools, E-learning resources and smart classrooms. Number of teachers making use of ICT tools is also enhanced. For outcome based teaching learning, the course outcomes and program outcomes are focused right from planning to examination for the course with continuous monitoring. Mentoring system is in place having better connect with the students for identifying their capabilities and strengthing their skills assisting the students accomplish their long-term goals.
Examination and Evaluation	Transparent, uniform and time bound CIE is our strategy. Specially formed examination cell takes care of planning and execution of CIE. Two periodic tests and mid-semester examination are conducted every semester. Central assessment program at Institution level enables declaration of results in stipulated time. For unbiased and uniform assessment, all answer sheets are masked by the cell. After assessment, answer books are made available to the students for their grievances if any. Expected answers are also discussed by the faculty. The question papers are based on COs, PSOs and POs for assessing the attainment of the same
Research and Development	To encourage the RD activity in every department to improve the quality of education is our strategy. We have recognized research center in the Department of Computer Science and Mechanical Engineering. Faculty members are encouraged to organize and attend workshops and to publish their research papers at National and International level. Advanced equipments are provided for supporting research work. About twenty faculty members were supported

	for completing their research while in service. More than twenty research scholars completed their PhD under the guidance of Institute faculty, resulting in good number of research publications in reputed journals and conferences.
Library, ICT and Physical Infrastructure / Instrumentation	To provide state of art learning resources, ICT tools and modern instrumentation is our strategy. SOUL library management software developed by UGC is used. Digital resources are provided with easy access. Our Institute is part of consortium created by AICTE for international journals. We have our Management Information System in place, supporting general administration and student support Smart class-rooms, latest audio visual aids, internet support with Up-gradation of Laboratory equipments and furniture leads to state of art infrastructure. We are authorized nodal centre for VLabs platform of MHRD and Distance Education Centre in collaboration with IIT, Bombay.
Human Resource Management	To provide adequate qualified and competent teaching and support staff and make provision for continuous up-gradation is the strategy adopted. We have well experienced faculty for conducting UG, PG and Research programs. Most of the faculty has upgraded their qualification while in service. Staff is liberally sponsored for attending and encouraged for organizing workshops, conferences. Sufficient support staff is provided with required competence. Opportunities for upgrading the potential are provided to both teaching and non-teaching staff. Various welfare schemes are in place boosting the morale of workforce Conducive environment with greenery is provided to maintain the energy levels.
Industry Interaction / Collaboration	To bridge the gap between the industry and academia and provide for industry ready manpower is our strategy. Organizing for appropriate training courses in addition to the regular curriculum in collaboration with the industry is prominent aspect of our teaching learning process. The skill sectors for respective branches of engineering are identified with the help of industry experts and skill

	development opportunities are made available to the students. Faculty members are given industry exposure/training. We have many collaborations and MOUs with industry to support the cause. Technical excellence centre created by MGM is ambitious project supporting students.
Admission of Students	To attract meritorious students and provide them quality education with optimized fees is our strategy. Free facilities and assistance are provided for eligible students for applying online for admission to the competent authority of the state Govt. 80 admissions are allotted by the state government. 20 admissions are done at Institute level. We have special provision for the wards of Indian army. Also Government has special provision for North East and J K students. This leads to a good cultural exchange and grows sense of unity amongst students. Use of social media is aptly done to project our achievements.

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

E-governace area	Details
Planning and Development	E-governance Activity- • Budgetary Planning and Accounting • Academic Calendar • Scheduling of Lectures • Updating the Syllabus Software used : • MIS software is in place with the help of CASERP, Word-Pro
Administration	E-governance Activity- • Correspondence by E-mail • Faculty leaves and record • Students' attendance record • Students' progress reports through Bulk SMS Software Used: • MIS software is in place with the help of CASERP, Word-Pro
Finance and Accounts	E-governance Activity- • Students' fees collection through SBI-Collect • Accounting is done with software Software used: • Word-Pro Computer Consultancy Services Pvt. Ltd., Nagpur
Student Admission and Support	• Unique Identity Number is given to E-governance Activity- • Unique Identity Number is given to each student admitted and documents are maintained through CASERP software Software used: • MIS software is in place with the help of CASERP.
Examination	E-governance Activity- • Online Internal test and Semester exams are

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	Bhore A.A.	Workshop held in NIT Nagpur	Workshop held in NIT Nagpur	4448
2019	Dr.Mrs. Rajurkar A.M.	E-Yantra Workshop	E-Yantra Workshop	15547
		[View File]()		

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	5th International Conference on Computing in Engineering and Technology (ICCET)2020 at M.G.M.'s College of Engineering, organized by CSE Department and DBATU Lonere on 9th to 11th Jan 2020	Nill	09/01/2020	11/01/2020	70	Nill
			[View File]()			

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

Title of the professional	Number of teachers who attended	From Date	To date	Duration

development programme				
Two-day workshop on Introduction to Robotics through the e-Yantra Lab Setup Initiative (eLSI)	15	02/08/2019	03/08/2019	2

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
69	69	88	88

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Freeship: Freeship in fees is given to the Wards of employees of the Institution.Given to the needy and deserving students 2. Medical Expenses: In emergency (critical situation) medical expenses are given. 3. Education: Free education to the wards of Regular Employees and deceased staff is given. 4. Employment: Empolyment given to the first relatives of deceased staff. 5. Advance against salary: In case of medical or other emergency needs, advance against salary Given to the needy and deserving students without interest is given. 6. Provident Fund: PF is given to the staff (If applicable as per rules of Govt). 7. Gratuity: Gratuity is given to the staff. 8. Leave Encashment: Leave encashment is given at the retirement. 9.Sponsorship: Sponsorship for attending seminar, conferences, project competition,	1. Freeship: Freeship in fees is given to the Wards of employees of the Institution.Given to the needy and deserving students 2. Medical Expenses: In emergency (critical situation) medical expenses are given. 3. Education: Free education to the wards of Regular Employees and deceased staff is given. 4. Employment: Empolyment given to the first relatives of deceased staff. 5. Advance against salary: In case of medical or other emergency needs, advance against salary Given to the needy and deserving students without interest is given. 6. Provident Fund: PF is given to the staff (If applicable as per rules of Govt). 7. Gratuity: Gratuity is given to the staff. 8. Leave Encashment: Leave encashment is given at the retirement. 9.Sponsorship: Sponsorship for attending seminar, conferences, project competition,	1. Freeship: Freeship in fees is given to the needy and deserving students 2. Medical Expenses: In emergency (critical situation) medical expenses are given. 3. Education: Fee concession is given for needy and deserving students for education 4.Sponsorship: We provide TA/DA for attending seminar, conferences, project competition, sports other activities

sports activities 10.Group insurance: Provision for group insurance for safety.	sports activities 10.Group insurance: Provision for group insurance for safety.	

6.4 – Financial Management and Resource Mobilization

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

The institution gets statutory financial audit conducted by a Chartered Accountant firm as per provisions of Bombay Public Trust Act, 1950 regularly. No internal audit is conducted. The statutory auditors visit institution quarterly and check all the records of the Institution rigorously and scrutinize procedures and policies followed by the institution. If there are any deficiencies or lacunae pointed out by the auditors or if they require any additional information or explanation, concerned authorities of the institution discuss the requirement with the auditors and comply with it, Compliances are submitted.

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
AICTE/Dr.BATUnivesity	508829	International Conference
View File		

6.4.3 – Total corpus fund generated

00

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	Dr,BATU, Lonere	Yes	IQAC Members
Administrative	Yes	Dr,BATU, Lonere	Yes	IQAC Members

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

• Periodic Meetings are arranged with the parents of defaulter students regarding their weak performance • Defaulter students are guided in the meeting by respective staff, experts to improve their subject performance, attendance and discipline. • They are also encouraged to participate in various co-curricular activities such as sports, cultural etc. • Report of student's academic performance is accessible through CASERP Software.

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

• Supporting staff have given training to learn basic computer and MS-CIT • They are motivated to participate in the different courses by giving expert lectures. • The skill development workshop and seminar is arranged to improve their communication and language skills.

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

• Information and Communication Technology (ICT) thrust in teaching learning is

to be Enhanced. • Faculties are motivated for using I.C.T. , Internet facilities in the class rooms. • Training and placement activities are to be enhanced by arranging various training courses. • To organize various National and International Workshops/Conferences.

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	**No**

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
No Data Entered/Not Applicable !!!					
View File					

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
Womens Day	**08/03/2019**	**08/03/2019**	**575**	**650**
NCC Parade	**15/08/2019**	**15/08/2019**	**19**	**31**
In CollegeBand Women's Representation	**02/07/2019**	**27/11/2019**	**21**	**19**
Swachata Abhiyan (Cleaning Campus)	**02/10/2019**	**02/10/2019**	**225**	**289**

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
We are in the process to install the solar panels of 140KW power which is about 70 of the total power requirement of the Institute.

7.1.3 – Differently abled (Divyangjan) friendliness

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

Scribes for examination	Yes	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	12/09/2019	1	Nirmalya Collection	Water Pollution Control in the AsnaRiver	36
2019	1	1	15/10/2019	1	Orphanage Visit	Sensitization of Students towards social issues	53
2019	1	1	02/10/2019	1	Three plantation	Green Campus	1530
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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)
Code of Conduct	17/11/2019	Upload on Website http://www,mgmcen.ac.in/core-values-ethics.aspx

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Anthem	26/01/2019	26/11/2019	1691
No file uploaded.			

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

1. Use of Paper Cups and Plates
2. Bio-Gas Plant installed near canteen to dispose off the canteen waste.
3. Composting of fallen tree leaves, disposalof leaves and manure problem solved.
4. Tree Plantation carried out on a massive scale in the campus, to make the campus an ideal ambience for learning process.
5. Rain Water Harvesting

6. 5 KW Solar Power Generation Plant and additional installation of 140 KW Solar panels is in process.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Participative Decision Making Decision-making is a critical component of every Organization's day-to-day functioning . While making the department's budget, delegating tasks, or implementing a new strategy, the functional decisions Institutional Head makes have a direct impact on the organizations success. Effective decision making yields best results and a good decision taken in time can affect the wellbeing of the organization in long run. One way to increase the likelihood of success is to include every element of the organization in the decision making process. Delegation of responsibility leads to better decision-making. By bringing people into the conversation with different disciplinary and cultural backgrounds enhances creativity and gain a fresh perspective on the task or problem at hand. Involving faculty members in the decision-making process, shows that Institution trusts and value their opinion, which, in turn, builds faculty members sense of belongingness towards the organization by leveraging their strengths, experiences, and expertise. Participation in the decision-making process gives each employee the opportunity to voice their opinions, and to share their knowledge with others. While this improves the relationship and confidence between Head of the Institute and faculty members. It also encourages a strong sense of teamwork among them. Different cells are created by the Head of the Institute for effective functioning at various levels and proper authority and responsibility is delegated to them. Cells functional are 1) Training and Placement cell:- One T P coordinator appointed at institute level and departmental coordinators from each department look after the T P activities under the Head of the Institution. 2) Academic cell:- One Academic cell coordinator appointed at institute level and departmental coordinators from each department look after the academic activities under the Head of the Institution. 3) Exam cell :- One Exam cell coordinator appointed at institute level and departmental coordinators from each department look after the exam activities under the Head of the Institution. 4) NPTEL :- One SPOC coordinator appointed at institute level and departmental coordinators and mentors from each department look after the NPTEL activities under the Head of the Institution. 5) NSS:- One NSS coordinator appointed at institute level and departmental coordinators from each department look after the NSS activities under the Head of the Institution. 6) Library Committee:- Librarian appointed at institute and departmental coordinators from each department look after the Library activities under the Head of the Institution. 7) Purchase Committee:- One Purchase committee coordinator appointed at institute level and departmental coordinators from each department look after the Purchase activities under the Head of the Institution. 8) Disposal Committee :- One Disposal committee coordinator appointed at institute level and departmental coordinators from each department look after the Disposal committee activities under the Head of the Institution. 9) Various Committees are formed from time to time by the head of the institution to carry out various activities. In our institute one of the best practice followed is every faculty is allowed to take decision on its own at operational level, if a faculty feels that particular books are required in the library he/she can recommend those books through head of the department, the head of the institution approves and the books are made available in the library for faculty and students If a faculty feels that a particular type of equipment is required for practically enhancing the knowledge of the students, in the laboratory for experimentation he/she can take direct approval from the head of the institution through departmental head and procure the same, even if it is not mentioned in the university curriculum. However if an equipment is

required in the lab which demands for huge investment, the proposal is sent to the Governing council and from there the approval is taken and the equipment is purchased. If some faculty member pursuing higher studies ME/PhD, wants to some specific equipments for experimentation for their research work, he/she only gives an application to the Head of the department and takes approval from Head of the Institution. Institute sanctions the requested amount and the equipment is purchased which after the experimentation becomes part of the Research laboratory. At institute level faculty pursing higher studies are sponsored and adequately funded to visit National/International conferences within the country and abroad. CNC lathe, CNC milling center, CMM, Robotic arm and 3D printer are the latest additions to our Research laboratory, wherein the faculty/students are doing research related experimentation work. 2.Training and Placement activity in the Institute Training and placement cell plays a major role in defining the career goals for the students. It is the dream of every Engineering students a get placed in Fortune 500 companies and see those visiting their campus for recruitment. Training and placement is a two fold activity, training of students and providing them suitable job opportunities in order to place them on campus, which has become an important responsibility of the institute. The Placement Cell plays a crucial role in locating job opportunities for Under Graduates and Postgraduates Regular passing out students from the college by keeping in touch with reputed firms and industrial establishments. The Placement Cell operates round the year to facilitate contacts between companies and graduates. The number of students placed through the campus interviews is continuously rising. On invitation, many reputed industries visit the institute to conduct interviews. We have been successful in maintaining our high placement statistics over the years and the fact that our students bear the recession blues with record breaking placements itself is a testimony to our quality. Our ingenious alumnae have set new standards in the corporate world through their estimable contributions, and it is my firm conviction that we will continue that legacy in the years to come. The Placement Cell organizes career guidance programmes for all the students starting from first year. The cell arranges training programmes like Mock Interviews, Group Discussions, Communication Skills Workshop etc and it also organizes Public Sector Exam Training for students who are interested to join Government Sectors. It also invites HR Managers from different industries to conduct training programmes for final year students. Every year number of reputed companies visited in our college for conducting Placement Training programmes and Campus Interviews. Our institute impart technical training across all engineering disciplines like Python, C, C, 3D printing, Robot Arm Programming, CMM programming, CNC programming PCB Design Machine, Embedded system, VLSI design, Antenna design, to make the students industry ready. Personality development programmes are also undertaken as listed below. 1. Communication Skills Program 2. Group Discussion Practice 3. Entrepreneurship Development Program 4. Mock Interview Sessions 5. In plant Training 6. Conducting Industry to Institute Convergence expert interaction sessions 7. Public Sector Competitive Exams Training 8. Industry Internship Programs 9. Regular Alumni-Student Interactions There are open campus opportunities in MNCs like TCS, Infosys, Capgemni and Wipro in the beginning of new academic year (in the months July to December 2019) where in they hire thousands of engineers every year. So it is clear that there ample job opportunities in the industry in service sector. Based on what is exactly needed to industry and what students are expected to fulfill a plan at beginning of the academic year in June 2019. Following activities are carried out. • Look at industry which are ready open campus recruitment • Look at their test pattern, the duration of test, contents of tests, number of questions, negative marking etc • Schedule the orientation lecture for all stakeholders for students where Director, HODs and T and P team making students focused on test pattern • Organize meeting with Director, HODs, T and P Team and Mentors. Debate and discuss the plan to

make students ready for recruitment. Organize a customized company specific training program for period of week per the test pattern. • Allot the mentors behind every 20-25 students to monitor day to day learning during the training. • Mentors take the review of learning and maintain a record and motivate them work hard to their fullest potential so that they will give their best during training. T and P cell organizes the expert lectures by HR team to get more insights of recruitment process and build the confidence in the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://mgmcen.ac.in/docs/7-2-1-Best%20practices.pdf

7.3 – Institutional Distinctiveness

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

Financial support given to faculty and students for health problems and fund raising for social cause is done regularly MGM' college of Engineering, run by Mahatma Gandhi Missions Trust, Nanded. Our institute has a distinctiveness in creating the support system for students, faculty and also for social cause with the involvement of all the elements of the institution creating a spirit of unity. This Trust organizes free Medical camps for patients from nearby villages for curing various diseases. These patents are taken to trust's own medical hospital to Aurangabad Mumbai, for treatment. Our college students participates in these activities and maintains the database of all patients and this activity is done regularly. At local level institute has a MOU with Adhaar Hospital, staff and students having any type of medical problem are provided for necessary help. 24 x 7. For our Girls hostel/Boys Hostel, health support is given for the inmates in emergency, 24 x 7. For the serious health issues of staff MGM Trust has own hospitals at Aurangabad and Mumbai where best medical facilities which are made available for them. Few of our staff members suffered from serious lungs infection, respiratory problems because of covid 19 last year, they were given adequate financial and medical help by the institute. An alumni fund is created with registered Alumni Association. Our alumni settled around the world are sending their help, a separate account of which is created, the needy alumni are helped from this account as and when required. Last year two of our alumni were facing severe problems like cancer and spine related issues, these alumni were adequately supported financially from this alumni fund raised. The wards of the diseased faculty members are provided with free education in the institute and also provided with necessary support for future education, inside or outside the country. The first relation in the family of the diseased staff are provided with suitable employment in the establishment. The concession is provided for the ward of staff proportionate to his/her salary, lower the salary higher is the concession in fees. We frequently undertake fund raising activity for deserving causes. One of our student's mother was seriously ill having some kidney problems, our students raised some money for her and an equal amount was contributed by the institute to help for clearing her hospital bills. During the pandemic our institute contributed one day salary of our staff to Chief Minister's fund and one day salary of our staff in PM Cares fund. Which amounted to be around INR 5,00,000. Last year for flood situation in western state funds were raised to help the needy. During pandemic our institute did home delivery homeopathic medicine for Covid 19, sanitizers, Masks, Hand gloves etc to all the staff, during lockdown. Around INR 1,00,000 were collected by the Teaching and Non Teaching staff, food grains and other necessities were distributed to our labourers and cleaning staff during this pandemic.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

Thinking of all the aspects of institutional functioning is essential to provide proper orientation and direction for going ahead. To prepare the future plan we must think of - Curricular Aspects To increase number of value added courses and provide for additional certificate courses. More attention to be given to practicals and field projects. Use of smart boards in the classrooms. More training in various software platforms is to be provided. The mechanism is to be established to seek the feedback from employers. Teaching Learning Process To enhance the use of smart boards to encourage use more ICT tools. To enhance the practical aspects of subject learning. Include additional practicals. To include more add on courses. To strengthen the concept of outcome based education and implement it right from conduction in class rooms / labs to the exams and result analysis. To encourage more faculty members to participate in seminar / conferences or to undergo industrial training. To make the learning more effective with interactive feedback from students. Research Development To encourage the faculty to write more number of research papers/proposals with funding from various agencies. To strengthen the laboratories. To set the KPIs for RD activities identity best faculty/department. To encourage for organizing workshops, conferences (National International), FDP by the departments. To nurture the Research culture in every possible way. Infrastructural Facilities Learning Resources To speed up the construction for the exclusive premises for administrative activities. To initiate the sports complex with facility of indoor games, gymnasium, student activity centre, alumni centre, sports hostel etc. Regular maintenance activities will be taken care of. The residential facilities for the essential staff will be started. The use of ICT will be enhanced in Library. To develop regular e-book section install RFID-tag system for facilitating regular book transaction. Developing institutional repository will be undertaken. Student Progression Support To encourage trained students for appearing for GATE other competitive examination. To encourage the students participations in various academic competitions. To encourage the students participation in individual-team events of sports activities. To place at least 200 students in a multinational companies of repute. To enhance the opportunities available and training for the same. To enhance the budget for skill development. To enhance industry interaction with more MOU's, industrial visits and project sponsorships. To increase involvement of alumni. Governance, Leadership And Management To review and redefine quality development strategies. To ensure the participation of all the elements to greater extent. To enhance utilization of ICT tools in the governance. To plan for at least one research proposal from each department. Institutional Values And Best Practices To ensure gender equity everywhere. To ensure the provisions for physically challenged, reviewing their existing number. To enhance environment friendliness of the campus. To supplement the rain water harvesting with recirculation. To promote project based learning and inculcate the team work. To enhance extension services for imbibing the human values. To enhance use of renewable energy sources.