



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		M.E.S. COLLEGE MARAMPALLY
Name of the head of the Institution		Dr. Manzur Ali P P
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0484-2677104
Mobile no.		9446078587
Registered Email		mescollegemarampally@gmail.com
Alternate Email		iqacmesmarampally@gmail.com
Address		MES COLLEGE MARAMPALLY MARAMPALLY PO
City/Town		ALUVA
State/UT		Kerala
Pincode		683105
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Jasmine P M
Phone no/Alternate Phone no.	04842677104
Mobile no.	9447050322
Registered Email	mescollegemarampally@gmail.com
Alternate Email	iqacmesmarampally@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.mesmarampally.org/Uploads/Documents/aqar%202018-19.pdf">https://www.mesmarampally.org/Uploads/Documents/aqar%202018-19.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.mesmarampally.org/Uploads/MainDocuments/MES%20new%20Handbook%202019-20.pdf">https://www.mesmarampally.org/Uploads/MainDocuments/MES%20new%20Handbook%202019-20.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A+	3.38	2019	28-Mar-2019	27-Mar-2024
2	B	2.77	2012	05-Jul-2012	04-Jul-2017
1	B	71.00	2004	16-Sep-2004	15-Sep-2009

### 6. Date of Establishment of IQAC

25-Nov-2004

### 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

Feedback system	20-Feb-2020 5	2200
IQAC meetings	27-May-2020 6	62
Institution Innovation Council	27-Jun-2019 15	169
UGC Paramrsh	30-Jan-2020 1	152
ARIIA Ranking	30-Aug-2019 1	122
NIRF	26-Nov-2019 1	122
Academic audit	17-Mar-2020 5	122
<a href="#">View File</a>		

**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
Department of Electronics	Skill Development Workshop on Energy Conservation	Energy Management Centre	2020 1	5000
MES College Marampally	UGC Paramarsh	UGC	2020 365	2412000
MES College Marampally	Unnat Bharat Abhiyan (UBA)	MHRD	2019 365	50000
MES College Marampally	Walk With Scholar	Kerala Higher Education	2020 365	135000
MES College Marampally	Schoar Support Programme	Kerala Higher Education	2020 365	107000
Department of Biosciences	Environment Management Training	KSCSTE	2019 7	70000
Department of Computer Applications	CSI-student Chapter	Computer Society of India	2020 1	25000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

<b>10. Number of IQAC meetings held during the year :</b>	6
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	2412000
Year	2020

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

Proposal for Autonomous College prepared and submitted to UGC Skill enrichment programmes in every department Strengthened Alumni involvement Flood rehabilitation of Wayanad District UGC Paramarsh scheme implemented with the financial assistance of UGC

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

Plan of Action	Achivements/Outcomes
Strengthening of Alumni	Alumni contributed Visualiser, Air Conditioners and a high end laptop
Technology enhanced teaching learning process	E-content studio platform has been used by the faculty members extensively, 99 audio lessons, 106 video lessons, 135 online classes and 52 online assessment have been carried out
Skill oriented programmes	More than 30 value added programmes conducted in this academic year and twenty two certificate programmes introduced
Proposal to more B.Voc. programmes	Proposal to UGC for the following programme has been submitted and sanctioned 1. Advanced course in Multi sports and fitness training, 2. Hotel management, 3. Artificial Intelligence and Robotics, 4. Tourism administration and Hospitality
Participation in Ranking and proposals	Participated in NIRF and ARIIA

submission

Rankings. UGC "Paramarsh" proposal has been accepted by the UGC and funded 24.12 lakhs

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Staff council	15-Jul-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

13-Mar-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

MIS Implementation EGovernance has been implemented in administration using Total Campus Solution software. The MIS has been established and is operational for various functions of the college ranging from the admission, student details, attendance, internal exam marks, issue of transfer certificate, faculty details and faculty coordinated activities. There is a faculty login and student login wherefrom the required details can be entered, stored and retrieved in the necessary format when required. Faculty Login REPORT GENERATION ATTENDANCE, INTERNALS Student Login The Mahatma Gandhi University has introduced Single Window system for registration, communications, examinations, results, PG and UG question papers etc. as a part of the digitalization. The students have online instant access to their attendance. The students can login and see their internal marks and grade. Tutors publish monthly attendance of their respective classes from the TCS. Subject wise attendance can also be generated. Students use the performance

evaluation module in the total campus solutions to record their feedback on the performance of teachers LIBRARY MANAGEMENT SYSTEM The Library is fully computerized with KOHA allowing functions like issue, return, OPAC search, and availability assessment of books, easy and user friendly. OPAC search is the Online Public Access Catalogue or, in other words, the library catalogue. It is an online database of all of the resources held in the library and any member may search OPAC to locate books in the library. It lists the number of the items, whether they are in the library or out on loan, and their call number. Opportunities for renewing the books and reserve the books are available through OPAC. The collections in the library are barcoded. Students are given access to digital resources in the library with their login id and password. ADMINISTRATION All finance related activities are automated using MES Dkatia software. There is a gateway for online fee payment in the college website. Important forms as admission application form, TC application, staff joining form, conference hall booking etc are facilitated using the forms in website window. Important Information and archives of college activities and events are also promptly updated in the college website. The student datasheet for issuing the ID Card and Student Satisfaction surveys are administered based in the Information System. .

## 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

M E S College Marampally, being an affiliated college, follows the syllabi prescribed by Mahatma Gandhi University. The Academic Calendar is prepared by the staff council in consultation with Internal quality Assurance Cell. The academic calendar is in line with the University Calendar and schedules the activities for the year. Teachers frame Teaching Schedule and Teaching Plan to ensure effective curriculum delivery. Time table for on-line classes were scheduled in the wake of pandemic imposed closure of offline classes. The online classes were monitored and the efficacy was ensured by staff council. The IQAC conducts Internal academic Audit in all the departments at the end of an academic year and provides feedback reports on the strengths, weaknesses and the thrust areas to zero in on the next academic year. The departments prepare

Action Plan based on the feedback received from IQAC. Master timetable is prepared at the beginning of the academic year to help teaching and learning processes function smoothly. IQAC conducts general Orientation Programmes for the newly enrolled students. The departments provide Certificate Courses, to help students equip additional skills and enhance communicative prowess. The college is a Local Chapter of NPTEL and students can undergo various Certificate Courses. Students can also undergo featured Spoken Tutorials provided by IIT Mumbai. Funded Conferences/Seminars are organized. Webinars are conducted extensively by the departments. Workshops on various topics have been conducted by Electronics and B.Voc. departments. Students attend/present papers in International/National Conferences and publish papers in UGC listed journals. Mini Projects by the Electronics students and Case studies by Psychology students are conducted. The college has a unique Inter Disciplinary Resource Sharing program for PG students to promote knowledge sharing and enrichment. The Internal examination Cell schedules and carry out internal examinations in centralized manner. Department wise mark lists are then submitted to the Principal for review and class wise PTA meetings are scheduled to inform the progress of students. The library is well stacked with books, magazines, journals and provides access to N-LIST, online journals and free internet connectivity. PTA funded Book Bank is available for financially backward students. The College also has a well-equipped Language Lab and e-content development Studio. DST-FIST funded Science Laboratories ensure academic research programs are carried out uninterruptedly. To tap the potential of advanced learners, career orientation programmes, visits to industries and prestigious academic institutions are provided under the Government funded WWS (Walk with a Scholar) program. To lift the academic level and ensure overall development of slow learners, Government funded Scholar Support Programme (SSP) and PTA funded Remedial Coaching are provided. Alumni powered academic programmes like Campus to Corporate, is regularly conducted. For advanced practical experience in real time environment, students are allowed to take up OJT/Field Projects in reputed institutions. College Counseling Centre and Mentors take care of the mental health of students. During the Tutorial Hour, teachers engage classes in inter disciplinary manner to give students a taste of other disciplines. Government of Kerala funded Additional Skill Acquisition Programme (ASAP) is offered.

#### 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
Surface Ornamentation	Nil	17/02/2020	30	employability	Fabric Ornamentation
Functional Arabic	Nil	01/07/2019	30	employability	Speaking and Writing Skills in Arabic
Household Wiring	Nil	27/01/2020	30	employability	Electrical Wiring
Graphic Design	Nil	17/02/2020	30	employability	Graphic Design
Logistics Management	Nil	17/02/2020	30	employability/entrepreneurship	logistics management
Household Equipment	Nil	17/02/2020	30	employability/entrepreneurship	equipment servicing

Servicing and Safety Training				neurship	
DTP using Adobe Pagemaker 7.0	Nil	17/02/2020	30	employabil ity	DTP Works
Basic Statistics	Nil	04/12/2019	30	employabil ity	Statistical Skills
Statistical Methods and Inference	Nil	04/12/2019	30	employabil ity	Tools for Data Analysis
Energy Saving Devices	Nil	04/12/2019	14	entreprene urship	LED bulb and Inverter Assemblingr

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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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
MSc	Biotechnology	17/06/2019
MSc	Microbiology	17/06/2019
MSc	Biochemistry	17/06/2019
MSc	Physics	17/06/2019
MSc	Electronics	17/06/2019
MSc	Computer Science	17/06/2019
MA	English	17/06/2019
MCom	Finance	17/06/2019

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

	Certificate	Diploma Course
Number of Students	141	0

## 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
NPTELcourses	01/06/2019	6
Introduction to Computers (spoken tutorial)	01/06/2019	49



C and CPP (spoken tutorial)	01/06/2019	46
Java Programming (spoken tutorial)	01/06/2019	59
Java in Business Application	01/06/2019	1
RDBMS POSTGRE SQL	01/12/2019	70
PHP MYSQL	01/12/2019	98
Python	01/12/2019	64
NPTEL courses	01/01/2020	5
Diploma Course in Script Research	03/06/2019	55

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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
BBA	Business Administration	125
BCom	Computer Application	63
BCom	Finance	45
BSc	Electronics	51
BSc	Physics with Computer	14
BSc	Mathematics with Computer	21
BSc	Biotechnology	26
BSc	Microbiology	37
BA	Arabic	11
BSc	Psychology	44

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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The College regularly upgrades its standards and benchmarks with an understanding its responsibility towards the students to nurture global competencies among them. The curriculum offered by the institution stringently adheres to Mahatma Gandhi University and the updating of curriculum in the concerned subjects are ensured by placing the suggestions in appropriate

platforms. Structured feedback on curriculum is collected from different stakeholders such as Students, Alumni, Parents, Employers and Teachers with regard to this. Feedback focusses on the aspects of employability of the courses, updation of syllabus, quality of teaching and various practices of accompaniments.

- Student Feedback - A general feedback is collected from all the students at the end of every semester on a five point scale. Out of the 20 questions, five are related to curriculum. IQAC analyzes the feedback received and any important finding will be informed to the concerned teacher to address it. The analysis of the feedback obtained in 2019-20 has been found that the score is above four in the five point scale.
- Teacher Feedback - IQAC collects feedback on curriculum and its associated aspects from each faculty member at the end of every semester along with Academic Monitoring format. The questionnaire consists of 8 Likert style and three descriptive type questions.
- Alumni Feedback - Alumni coordinator collects feedback during the Annual general body meeting. The questionnaire consists of six Likert questions and one descriptive question. Alumni feedback web link is provided in the Institutional website also.
- Parents' Feedback - Feedback is collected from the parents during PTA general body meeting. Out of the fourteen questions, seven are related to curriculum. It has been found that more than 85 percentage of parents are satisfied with the curriculum analyzed for 2019-20.
- Employer Feedback - Employer feedback is collected by Placement cell and department. They collect feedback from the companies in which their students are working and the Internships are carried out. The collected feedback is analyzed for maintaining quality benchmarks in curriculum and the institution ensures infrastructural and other academic supports to enrich the curriculum provided by the affiliated University. It has been found in the student feedback that there are not much room for co-curricular activities and this has been addressed by strengthening the activities various clubs and cells and similarly orienting the faculty members by giving training to them. Teachers raised the issue of improvement in infrastructure which has been addressed timely. Four of our teachers are members of the Board of Studies of Mahatma Gandhi University and majority of the teachers have actively involved in syllabus revision workshops. The consolidated report prepared based on the feedback from all stakeholders are discussed during the syllabus revision and essential modifications are made to construct a progressive and updated syllabus.

## 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
BCA	Bachelor of Computer Application	68	1792	68
BBA	Bachelor of Business Administration	70	2496	70
BSc	BSc Electronics Model III	67	633	67
BCom	B. Com Model II Computer Applications	69	1741	69
BA	English Literature,	38	202	30

	Communication and Journalism Model III			
BSc	Biotechnology	38	579	32
BSc	Microbiology	38	777	36
BCom	Model I Finance and Taxation	63	679	61
MSc	Biotechnology	15	913	15
MSc	Computer Science	13	366	13
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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1954	336	72	12	49

## 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	Number of smart classrooms	E-resources and techniques used
133	133	14	49	15	21

[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)

REPORT OF TUTORIAL/MENTORING SYSTEM 2019-20 The tutorial system of the institution is centrally coordinated and the coordinator in charge for the year was Ms. Sheeba Varghese, Assistant professor, Dept. of Electronics. The institution has a dedicated two hours per week (3.30 pm – 4.30 pm on all Mondays and Wednesdays) tutorial/mentoring system. Students were divided into small groups in each class and a tutor was assigned to each group. (Average tutor student ratio is 1: 19). For each class two or three tutors have been assigned according to the students' strength. Tutors interact with each student personally and collect their curricular and cocurricular requirement. Based on this, tutors recommend remedial classes and pay personal attention to academically weaker students. Similarly, advanced learners are channelized to various platforms to achieve their career goals. A Bio-data Book for each student is kept by the tutor which consists of the academic, personal and co-curricular details. Thus, the tutorial system helps the students to achieve their career goals and also provides a platform for psycho-social counselling. A counselling centre, MES Counselling Center (MMCC) is also functioning in the campus with the support of PTA for the attainment of mental health at intra personal, interpersonal and social levels. The Principal Counsellor of MMCC is Dr. K.E. Leelamma, Retd. Associate Professor and HOD, Union Christian College, Aluva. The students are selected during the tutor interaction and send to the counselling support. Major problems identified were lack of motivation, not interested in academic activities, memory problem, personal problems, and learning disability. The departments arranged awareness sessions for their students. The topics dealt were Study Habits, Mental Health and Motivation. The department of MHRM and Anti-ragging cell also conducted multiple counselling sessions in this academic year. The

Departments arrange certificate courses and the classes were conducted during these tutorial hours. The tutorial system also focusses on the development of soft skills, managerial skills and practical skills of the students. For the final year UG students career guidance classes and competitive examination coaching were provided. Group discussion, seminar presentations, quiz competitions and mini project development were also carried out during these hours which is evidenced by successful students' outcome. Many of the students received placement offers from various companies and many others secured admissions to PG in prestigious institutions. The mentoring also helped to inculcate high degree of social consciousness and human values in students. During these hours legal awareness classes, skill development programs and counselling were given. "Knowledge Sharing Programmes" conducted in the PG departments during the tutorial hours to enable the students to understand interdisciplinary knowledge with regard to their course of study. This system gave academic and personal support to the students and directly improved the students' success rate both academically and socially. A consolidated tutorial hour report at Department level is collected and documented.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2290	133	1:17

## 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
134	131	3	0	19

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Nisha P	Assistant Professor	Best Paper Award and prize of 70 Euro awarded by Royal Society of Chemistry UK for the International conference held at MA College, Kothamangalam on 14.01.2020 to 16.01.2020.
2020	Jaseena K U	Assistant Professor	UGC Travel Grant for presenting paper in the International Conference on Data Science, e-learning and Information Systems DATA 2019 held at American University in Dubai from 2nd to 5th December 2019. Order no: F. No. 6-284/2019(TG), 16 JAN 2020
2019	Shemi P M	Assistant	UGC travel Grant

		Professor	to participate and present research paper in 2019 2nd IEEE Middle East and North Africa COMMUNICATIONS Conference (MENACOMM) 19-21 November 2019
2019	Raphika P M	Associate Professor	UGC travel Grant to participate and present research paper in 2019 2nd IEEE Middle East and North Africa COMMUNICATIONS Conference (MENACOMM) 19-21 November 2019
2019	Rafeekamol C A	Assistant Professor	Teacher Excellence Award-Gold Category Top 5 conducted by KMM Institute of Management on 05.11.2019 at KMM Institute of Management, Thrikkakara.
2019	Rameena K A	Assistant Professor	Best NSS Programme Officer award declared on March 2019.
2019	Rubeena K A	Assistant Professor	Best Paper Award organized by Centre Karadeniz Technical University, Munzur University, Isparta University of Applied Sciences and Anatolia Science Academy on 28th to 30th August 2019 at Istanbul, Turkey.
2019	Nimsi K A	Assistant Professor	Best researcher in Environmental Science organized by International Association of Research and Developed Organization (IARDO) on 28th to 31st December 2019 held at IARDO,

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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
MSC	BT	Second	20/07/2019	06/04/2020
MSC	BT	Third	08/11/2019	02/12/2020
BA	ENG	Second	17/04/2019	23/07/2020
BA	ENG	Third	18/01/2019	01/10/2020
BA	ENG	Fifth	11/12/2019	10/03/2020
BA	ENG	Sixth	19/03/2020	13/08/2020

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

Being an affiliated College, the institution follows the evaluation system implemented by the University. The University evaluation reforms are communicated to the College prior to its implementation. The reforms initiated and practiced by the Institution are in accordance with those introduced by the University. In the fag-end of the academic year, departments conducted internal examinations in on-line mode employing LMS like google class room, Moodle etc. The major components that sum up the reforms in CIE at the institutional level are described below. Internal Examination Cell: An internal examination cell is constituted for the proper conduct of internal examinations. Two internal assessments are held centrally every semester. IEC is responsible for scheduling, collecting question papers, preparing invigilation roasters and making seating arrangements. Also IEC ensures the question papers are set in accordance with University examination pattern. Academic Calendar: The College prepares an Academic calendar according to the University calendar which is ratified by the Staff Council and implemented by HODs. In the beginning of an academic year the calendar is distributed among the students. The complete regulations regarding CIE including examination pattern and evaluation criteria are published in college calendar and website. Valuation Feedback: The answer sheets are valued within one week after the examinations. Corrected scripts are discussed individually with students for feedbacks. The scripts are maintained in concerned departments till semester end, to address any issues that might arise in future. Supplementary test: Students are given opportunity to appear for supplementary examinations if they couldn't attend the test. Chances are also given for bettering their scores in internal examinations

Assignment/Attendance: Proper weightages are allocated for assignments and attendance. Attendance and assignments are evaluated and marks are awarded as per University guidelines. Monthly attendance statements are prepared and published. Seminars/Viva Voce: Seminars and viva voce are also considered in preparing internal marks for UG students. Tutorial system: The institution has a dedicated tutorial hour every week with an objective of providing psycho social support to the students. A one-to-one discussion is facilitated by the tutor guide the students in curricular and co-curricular activities based on the skill sets. Remedial measures are recommended to slow learners. A Bio data book is maintained by the tutor to record thstudents curricular and co-curricular activities. Parents meeting are convened at department level to

review the progress of the students' performance. Appropriate support mechanisms are suggested to parents by the tutor in the meeting. Uploading to online Portal: The internal marks and attendance details are uploaded timely in the college portal [tcs.mesmarampally.org](http://tcs.mesmarampally.org). Students and parents have login rights and can access the relevant information. Uploading to University Portal: The tutors prepare the internal grade sheets and the Grading and restructuring coordinator uploads the internal marks into the University portal. IQAC Academic Audit: The IQAC conducts an academic audit and provides feedback at end semester to ensure that departments are following the academic calendar without flaws. Teacher level innovations are encouraged to bring variety and diversity in assessments like MCQs, Content preparation and online quizzes.

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

2.5.3 The institution adheres to the academic calendar for the conduct of CIE  
The academic calendar is planned and scheduled by the Staff Council in consultation with IQAC. The institution has an efficiently functioning system in place to ensure that it adheres to the academic calendar. Staff council presided by the Principal, HODs and three elected members are responsible for scheduling and coordinating academic activities in the college. Individual departments prepare an action plan for the academic year based on the calendar. Head of the Departments, Tutors and Teachers will implement the calendar and prepare teaching schedule and teaching plan. Internal Quality Assurance Cell consolidates the curricular and extracurricular activities based on the action plan submitted by the Departments. A team of faculty members with a coordinator is entrusted to conduct the internal examination centrally. Academic Calendar in accord with University Calendar: The College has an Academic calendar and handbook ratified by the staff council and implemented by HODs which is totally in accord with the University calendar. The University examination schedules are announced in the beginning of an academic year, and the calendar handbook is distributed among the students. All the co-curricular and extracurricular activities conducted in college are ensured to be in line with University Calendar. Internal Examination Cell (IEC): The Internal Examination Cell is responsible for the proper conduct of internal examinations in the college. Two internal assessments are held centrally in every semester. IEC conducts these internal examinations such that the portions are covered completely before University examinations. Result Publishing: Internal examination results are published within a weeks' time. The consolidated results are prepared by the tutor and it is announced to the students. Examination related grievances are addressed promptly and the marks are uploaded to University portal timely. Uploading to online Portal: The internal marks and attendance details are uploaded timely in the college portal [tcs.mesmarampally.org](http://tcs.mesmarampally.org). Students and parents have login rights and can access the relevant information. IQAC Academic Audit: The IQAC Cell of the College conducts an academic audit and provides feedback at the end of each semester to ensure that the departments are following the academic calendar properly. A teacher feedback is also collected at the end of every semester to improve the teaching learning process. Clubs/Cells: The clubs/cells that ensure various co-curricular and extra-curricular activities carried out in an efficient and time bound manner in accordance with academic calendar.

## 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)

<https://mesmarampally.org/Uploads/Department/P%20O%20BSc%20EL.pdf> (weblink for each programme shall be found in the individual department page)

## 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
PHY	BSc	Physics	13	6	46
MATHS	BSc	Mathematics	21	11	52
ARB	BA	Arabic	11	6	55
PSY	BSc	Psychology	44	36	89
BCA	BCA	Nil	59	43	73
ELE	BSc	Electronics	51	27	53
BBA	BBA	Nil	57	41	72
ENG	BA	Communicative English	22	15	68
BCom	BCom	Computer Application	64	49	77
BCom	BCom	Finance & Taxation	55	37	67

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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)

<https://www.mesmarampally.org/Uploads/Documents/Student%20Satisfaction%20Survey%202019-20.pdf>

## 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
Students Research Projects (Other than compulsory by the University)	365	KSCSTE	25000	25000
Projects sponsored by the University	365	Bharat Matha College	96000	96000

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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
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Talk on IoT Based Embedded System Design	Electronics	20/09/2019
Seminar on Embedded System and Current Area of Electronics	Electronics	20/08/2019
IEEE Paper Presentation	Electronics	29/08/2019
Corona challenges and solutions	Biosciences	19/02/2020
Corporate Talk on "People Machines Partners in innovations"	Business Administration	24/09/2019
Orientation Programme BCA First Year	Computer Applications	02/08/2019
ICT Enabled Teaching/Learning Process	Computer Applications	25/09/2019
CSI State Student Convention 2020	Computer Applications	31/01/2020
Digital Marketing	Computer Applications	10/03/2020
Monsoon Diseases - Prevention and Control and Stress Management	Department of Human Resource Management	09/07/2019
To Ramp	Fashion Design Management	05/09/2019
C workshop	Industrial Instrumentation and Automation	04/03/2020
Arc Welding Workshop	Industrial Instrumentation and Automation	12/11/2019
Arc Welding Workshop	Industrial Instrumentation and Automation	13/11/2019
One Day Hands-on Workshop on Web Development	Software Development and System Administration	29/10/2019
Research Enrichment Programme	Physics	03/10/2019
Workshop on Life Skills for Daily Living	Psychology	23/08/2019
seminar on Research Methodology and Academic Writing	Psychology	06/02/2020
One day hands-on workshop on web development	Software Development and System Administration	29/10/2019
Talk on 'latest technologies in Computer Science'	Software Development and System Administration	16/01/2020
Green-E-Craft	Software Development and System Administration	02/10/2019
Huddle Kerala start up	Software Development and	28/09/2019

visit	System Administration	
Awareness programme on LGBTQ	Psychology	18/02/2020
National Seminar on Changing Paradigm in Logistics	Logistics Management	20/02/2020
Seminar on Magazine Journalism	English	17/09/2019
Contemporary Relevance of Reading	English	19/06/2019
One Day Workshop on VHDL	Electronics	20/01/2020
One Day Workshop on Proteus 8.1 PCB Layout Designing and Simulation	Electronics	13/12/2019
One Day Workshop on Machine Learning	Electronics	09/12/2019
Workshop on Arduino	Electronics	03/10/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Multi Stage Microscope	Yadhu Krishnan MR	StartUp Mission, Govt of Kerala	16/01/2020	Student Young Innovative Award
Environmental Researcher	Nimsi KA	IARDO, India Educational Charitable Trust (Rgd)	30/12/2019	Environmental Science
Smart Intelligent wearable Device for Women Security	Hitha E L, Akshara K P, Pranana K	Union Christian College, Aluva	10/03/2020	Intercollegiate Project Competition and Expo
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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
Innovation and Entrepreneurship Development Cell	IEDC, MES College Marampally	Kerala Start-up Mission	Nil	Nil	03/06/2019
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## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	3	3

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

Name of the Department	Number of PhD's Awarded
<b>No Data Entered/Not Applicable !!!</b>	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	English	2	0
International	Computer Applications	4	0.6
International	Biosciences	7	1.7
International	Physics	2	5.3
International	Logistics management	1	0
International	Electronics	5	2.8
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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
Biosciences	4
Electronics	24
Computer Applications	5
Software Development and System Administration	1
English	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A Varactor-Tuned Aperture Coupled Dual Band Cylindrical Dielectric Resonator Antenna for C-Band Application	Jasmine P M	Progress In Electromagnetics Research	2019	34	MES College Marampally	0
Compact microstrip lowpass filter	Jasmine P M	International Journal of Electronic	2020	60	MES College Marampally	11

with high harmonics suppression using defected structures		s and Communication				
A New Class of Non-canonical Conformal Attractors for Multifield Inflation	Tony Pinhero	Journal of Cosmology and Astroparticle Physics	2020	141	Indian Statistical Institute, Kolkata	0
Feature Selection with COG method using ACO	Leena C Sekhar	IJRTE(Scopus Indexed)	2019	0	MG University	0
A Robust Watermarking Technique for Copyright Protection for Relational Databases	Murugan R, Ibrahim Salim M	International Journal of Recent Technology and Engineering (IJRTE)	2019	0	MES College Marampally	0
A Semi-Fragile Watermarking Scheme for Integrity Checking of Relational Databases	Murugan R, Ibrahim Salim M	International Journal of Recent Technology and Engineering (IJRTE)	2020	0	MES College Marampally	0
Nelder-Mead-based power optimization for secrecy enhancement in amplify-and-forward cooperative relay networks	Shemi P M	International Journal Of Communication Systems	2019	49	CUSAT	0
A hybrid wind speed forecasting model	Jaseena K U	Journal of Renewable and Sustai	2020	43	CUSAT	3

using stacked autoencoder and LSTM		nable Energy			
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A hybrid wind speed forecasting model using stacked autoencoder and LSTM	Jaseena K U	Journal of Renewable and Sustainable Energy	2020	3	3	CUSAT
Truncated Circular Microstrip ultra Wideband Antenna Exhibiting Wideband Circular Polarization	Sam Kollannore U	Progress in Electromagnetic Research	2020	1	1	CUSAT
Compact Microstrip lowpass filter with high harmonics suppression using defected structures	Jasmine P M	International Journal Of Communication Systems	2020	4	11	MES College Marampally
Nelder-Mead-based power optimization for secrecy enhancement in amplify-and-forward cooperative relay networks	Shemi P M	International Journal Of Communication Systems	2019	2	0	CUSAT
A Varactor-Tuned	Jasmine P M	Progress in Electro	2019	4	0	MES College

Aperture Coupled Dual Band Cylindrical Dielectric Resonator Antenna for C band Application		magnetic Research				Marampally
A Semi-Fragile Watermarking Scheme for Integrity Checking of Relational Databases	Murugan R, Ibrahim Salim	International Journal of Recent Technology and Engineering (IJRTE)	2020	1	0	MES College Marampally
A Robust Watermarking Technique for Copyright Protection for Relational Databases	Murugan R, Ibrahim Salim M	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	0	MES College Marampally
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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	38	22	43	27
Presented papers	25	7	2	0
Resource persons	0	1	5	9
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### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Electronics Training Programme for the students of NIVHSS	Department of Electronics	3	40
Dyuthi 2020	Department of	2	80

	Electronics in association with EECC		
Pathways	Govt. UP School, Vazhakulam	2	11
Blind School Visit	Kerala Blind School, Keezhmad, Aluva	2	63
E Governanace	Dept of Computer Applications	4	4
Kanakum Karyiavum	Department of Mathamatics	1	24
Guidence for making models	MES Public School	1	5
Water Quality Analysis	Department of Biosciences	2	0
Physics Training programme	Department of Physics	3	42
DRISHTI	BLIND SCHOOL KIZHMADU DEPT.OF PHYSICAL EDUCATION	5	232
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Tribal Youth Exchange Programme	Contingent Leader- NSS, NIC	NSS, NIC	10
NCC	Commedation card by the Commanding Officer	NCC	51
NSS	Best NSS Unit, Mahatma Gandhi University	NSS-MG University	100
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
UBA Survey	Unnath Bharat Abhiyan	Village survey at Manjapra Grama Panchayath	3	64
Mythree MyTree	E- Unnathi	Plant Sapling	4	100
Swachh Bharat	NSS Department of Psychology	Cleaning	6	232

Blood donation Camp	IMA, Aluva	Blood donation	1	50
Environment day Celebration (NCC)	Forest Department	Plant Sapling	1	40
Blood Donation camp	NSS, General Hospital Ernakulam	Blood donation Blood donation	2	65
Hunger relief initiative - Sahodarangalkoru pothichoru	NSS/ Little Flower Training Institute, Aluva	Food packet distribution	2	200
Pain and Palliative care work	NSS/Palliative Care Unit Olive Palliative care	Palliative care in the neighbourhood	2	45
Cycleathon -Anti drug campaign	NSS/Excise Department	Drug abuse awareness	7	50
Suchitwa saksharatha mission Cleaning Panchayat Community hall and premises	NSS/Vazhakulam Grama Panchayat	Cleaning	2	50
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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
Major Research Project-Department of Electronics	Cochin University of Science and Technology	KSCSTE	1095
Resource Sharing with SH College, Thevara- 3D Gaming Workshop	Final Year students	Self Sponsored	4
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#### 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	OJT	Film Factory, Edappally	02/12/2019	18/12/2019	10



Internship	OJT	Big square Media,Vazhak kala	12/12/2019	23/12/2019	3
Internship	OJT	Innovative Technologies , Aluva	03/12/2019	10/12/2019	1
Internship	OJT	S N Mission Hospital, Perumbavoor	16/12/2019	26/12/2019	5
Internship	OJT	Vellayil C onstructions , Kalamasserey	10/12/2019	20/12/2019	2
One month Internship	OJT in Journalism	The New Indian Express, Des habhimani, Chandrila Daily, Siraj Daily, Mazhavil Manorama , Jeevan TV Jeevan TV- Joseph- Editor- 9895244077 D eshabhimani- Samban- Editor- 8281277970 Mazhavil Man orama-Tony Sr-HR Manage r-9142000600 Veekshanam- P.Sajith Kumar-E	01/11/2019	30/11/2019	28
Internship	Internship Project	TCC	01/10/2019	15/10/2019	2
Internship	Internship Project	SUD	01/10/2019	15/10/2019	2
Internship	Internship Project	Positive Chip Board	01/10/2019	15/10/2019	2
Project Design	Plastic Shredder macine Design	Henry Baker College, Melukavu	22/10/2019	29/03/2020	3
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of
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			students/teachers participated under MoUs
TEAM INCUBATION	26/08/2019	ENTRANCE COACHING RESOURCES	40
MESC	21/08/2019	Employable Skills	40
Kerala Sambo Association	05/01/2020	Fitness Activity competition	100
Henry Baker College, Melukavu	18/09/2019	UGC Paramarsh Scheme - NAAC Accreditation	80
MES College, Erumeli	18/09/2019	UGC Paramarsh Scheme - NAAC Accreditation	80
MES T.O Abdulla Memorial College, Kunnukara	18/09/2019	UGC Paramarsh Scheme - NAAC Accreditation	80
KMEA Arts and Science College	18/09/2019	UGC Paramarsh Scheme - NAAC Accreditation	80
Yeldho Mar Baselious College	18/09/2019	UGC Paramarsh Scheme - NAAC Accreditation	80
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
155.4	155.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing

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### 4.2 – Library as a Learning Resource

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

Name of the ILMS	Nature of automation (fully	Version	Year of automation
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Existing	324	5	0	1	0	14	0	30	0
Added	46	1	0	0	0	5	0	30	0
Total	370	6	0	1	0	19	0	60	0

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

60 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
e-content studio floor	<a href="https://www.mesmarampally.org/Facilities/Items.aspx?Option=3&amp;Sub=119">https://www.mesmarampally.org/Facilities/Items.aspx?Option=3&amp;Sub=119</a>

#### 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 incurred on maintenance of physical facilities
155.4	155.4	115.1	115.1

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

The college has well established systems and procedures for maintaining and utilizing physical, academic and support facilities. Management has constituted a subcommittee for infrastructure maintenance and the committee discuss the matters with College Planning Forum consisting of the Principal, IQAC Coordinator, Office Superintendent and senior faculty members. The library and laboratory rules and regulations are displayed in the respective positions and also published in the College website and calendar. Campus supervisor assisted by support staff is in charge of campus maintenance and class rooms and campus cleanliness are ensured by them. There are security personnel on duty round the clock in the campus to ensure the safety and security of all infrastructures and provides safety to students. The security personnel monitor the entry and exit of vehicles in and out of the campus and provide necessary suggestions for parking the vehicles inside the campus. The lab assistants maintain the labs and periodically check the lab equipment and facilities. A Stock and Maintenance register kept in all the laboratories are verified by the Heads of the departments and the Principal. Annual maintenance contract ensures the upkeep of important equipment. UPS is provided to power sensitive equipment and computers. Air-conditioner is provided for sensitive installations and the main computer lab is fully air-conditioned. The optimum utilization of the lab is ensured by providing additional lab hours for student projects, water analysis tests and research activities. Lab is also used for conducting online examinations by various companies during holidays. IT resources are supported by UPS/automatic switch over generators. A network resource center is available for the students to access internet for doing their assignments, projects etc. Network administrator is in charge of ERP software, website, computer maintenance and camera surveillance. Computers are monitored by the technical assistants and sensitive computers are provided with anti-virus software and the Licensed softwares are get updated as and when required. The faculties and students of various departments design brochures, banners and Newsletters for

the college. The students takes pictures using the SLR camera which helps the documentation of the programme of the college. Library is fully automated. It hosts a separate website, Walk-ins and Log in registers are kept. Library facilities are open to the students from morning to evening. Maintenance and utilization of library resources are strictly done by following the library rules. Stock verification is carried out by a group of teachers every year and prepare the stock. Sports amenities are maintained by the support staff. Time is allotted for the students to use the Health club. Hostel facility is provided to the students in sports quota in association with Kerala Sports council. College Play ground is available for the conduct of championships for the neighboring schools also on request. Auditorium, Seminar and Conference Hall are extensively used for the conduct of academic and cultural programmes. Various committees are in charge to improve the efficiency of the Canteen, college buses and Hostel. Water purification plant, sanitary pad vending machines and incinerators are routinely serviced.

<https://www.mesmarampally.org/Uploads/Documents/Policies%20for%20Infrastructure%20Maintenance%202019-20.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management Scholarship, MES Central Scholarship	107	1176155
Financial Support from Other Sources			
a) National	National Scholarship, Indira Gandhi Scholarship, Jindal Foundation Scholarship	105	459000
b) International	Nil	0	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
BizzyBrainz (Business Admn.)	01/07/2019	75	Corporate Connect Forum, Dept. of Business Administration
Corporate Talk on "People Machines Partners in innovations" (Business Admn.)	24/09/2019	110	Mr. Shaheen Sidheeque, System Analyst, TCS Kochi
Personality Development Programme for II BBA	16/07/2019	65	Mr. Sunil K P, Institute for sustainable Development and governance,

			Thiruvananthapuram
Finishing School for final year students (Business Admn.)	26/11/2019	88	Mr. Sunil K P, Institute for sustainable Development and Governance, Thiruvananthapuram WWS
Soft skill development (Electronics)	10/06/2019	55	ASAP, SSP
Static Web -Development Deployment with Firebase (Computer)	22/02/2020	20	TinkerHub
Basics of programming problem solving (Computer)	15/01/2020	20	TinkerHub
Soft Skill Development (MHRM)	01/07/2019	18	Department teachers
Remedial coaching (Electronics)	10/06/2020	30	Faculty members, Department of Electronics
Remedial Coaching (Computer)	27/08/2019	15	Faculty members, Department of Computer Applications
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Career guidance by Mr D Unnikrishnan, Deputy Chief, CUSAT, Employment Exchange and Information Bureau on 26/06/2019 (Electronics Dept.)	8	8	5	20
2019	Workshop on "How to Get Placed"	8	8	0	20

by Dr. Brijesh John, Corporate Relations Head, Marian College, Kuttikkanam & Mr. Jaison Mathew, Placement Officer, Marian College, Kuttikkanam on 05/08/2019 (Electronics Dept.)

2019	Mock MAT (Business Administration Dept.)	0	30	21	0
2019	Finishing School (Business Administration Dept) on 26.11.2019	0	88	0	0
2019	Orientation (Psychology Dept.)	100	100	0	0
2019	PEPP (Psychology Dept.) for 2017 Admission students	25	0	1	0
2020	DISHA (English Dept.)	5	22	0	0
2020	Career counselling (MHRM Dept.)	0	1	0	1

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	7

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
HR solutions, IQVIA, Connecting 2 Work, Bhavics Technology	122	37	TCS, Claysys, Wipro, Choice group, Indus Motors, Infosys, HCL, Cognizant, Lumical Solutions, SBSOL Digital, KPMG etc	213	63
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### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	2	BVoc Logistics Management	Logistics Management	DDUKK, CUSAT, St Albert's College	MVoc Technology and management consulting, MVoc Logistics and Supply Chain Management
2020	8	BSc Electronics	Electronics	CUSAT, UC College, FISAT, MA College etc	MSc Electronics, MCA
2020	16	BCA	Computer Applications	ICET, SCMS, Brindavan, CUSAT, MA College etc	MCA, MSc Computer Science
2020	40	BBA	Business Administration	MES-AIMAT, Pondicherry University, CUSAT, Al Ameen, St. Xaviers College etc	MBA, MVoc, MCom
2020	28	BSc Microbiology, BSc	Biosciences	MG University,	MSc Microbiology, MSc



		Biotechnology		KUFOS, SNGIST, MA College, Indira Gandhi College, Manipal University etc	Biotechnology, MSc Molecular Biology
2020	29	Psychology	Psychology	University of Madras, Women's Christian College, University of Calicut, Rajagiri College of Social Sciences, St Tresa's College etc	MSc Counselling Psychology, MSc Applied Psychology,
2020	10	BA English literature, Communication and Journalism Model III Triple Main	English	Central University, Tamilnadu, Sree Sankaracharya University of Sanskrit, Pondicherry University, St Paul's College	MA English Literature, MA in Comparative Literature and Linguistics
2020	8	BSc Mathematics	Mathematics	Indira Gandhi College, Christ University, SSV College	MSc Mathematics
2020	2	BVoc Logistics Management	Logistics Management	MAAC, Trivandrum, ARENA, Ernakulam	VFX
2020	5	BA Arabic	Arabic	RU Arabic College, Farook, Maharajas College, Ernakulam, AMU Malappuram Center, Aligarh Muslim Uty.	MA Arabic, MA Islamic History,

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(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	6
Any Other	4
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#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Childrens day celebrated at Blind School, Keezhmad as their Sports Day - dhristi 19	College/Blind School	232
Quiz	College	92
Freedom Quest 19 - Quiz competition	National	64
Innovation Day Celebration and Poster Presentation Competition 'Ingenious Thoughts'	College	11
Debate	College	79
Inter Collegiate HR Fest	Intercollegiate	32
Power Quiz 2019	College	28
Best Manager	College	58
Interdepartmental Management Game	College	94
Skill Hunt	College	2000
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Silver	National	1	Nil	190833	Sharon T. Shiju
2020	Bronze	National	1	Nil	190514	Rameez Rizvan K. M.
2020	Fourth	National	1	Nil	190241	Mohammed Shafi
2020	Runners-up	National	1	Nil	192001	Amar Abdul Salam
2020	Gold	National	1	Nil	180219	Anjali M. K.

2020	Gold	National	1	Nil	180410	Aneesha Mani
2020	Gold	National	1	Nil	190309	Althaf Lathif
2019	Representation	International	1	Nil	170353	Rahul Krishna
2019	106th Rank	National	1	Nil	170353	Rahul Krishna

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

The Students Council is a prominent body of the institution consisting of a group of students being elected by the students on an annual basis. The council engage with various issues of the students and raise them in the respective bodies/committees. The Student Council is committed to support the students from all class of the society. It act as official spokesperson in its relations with the students and the Institute administration. It also represents the voice of the Students' body at the University. Each Committee/Cell is constituted in such a manner as to have one or more female representatives. They exhibit prominent role in uplifting inter-personal relationships among the students, departments and their teachers, thus giving support to their academic progress. It strengthens the relations with student groups and organizations from one side and the several establishments from the other side, in a way that guarantees the achievement of the Union objectives and does not contradict with College discipline and directions. Being a part of the Students' Council, students get profound opportunities to exhibit their talents in administering official matters and coordinating vivid social and cultural activities, thus enabling students to become responsible citizens. The Council has always been known as the radical, values driven group, which has been the lifeblood of the student experience. The Students council would engage students in , activism, social activities, volunteering and more-something which would be compared to a grassroots citizenship education. Our students are enthusiastic in delivering their duties as responsibilities in all academic and administrative bodies including department level clubs/associations and institution level bodies they represented viz. Anti-ragging Cell, Anti Sexual Harassment Cell, Grievance Redressal Cell, Anti-Drug Cell, Women Cell, Quality Circle, Career Guidance Placement Cell, Library Advisory Committee, Entrepreneurship Development Cell, Nature Club, Quiz Club, Canteen Advisory Committee, College Bus Advisory Committee, Mathematics Club, Science Club, Planning Forum, Entry into Service, Energy and Environmental Conservation Club, NSS, NCC, Cell for Research and Publication, Counseling Centre, Film and Photography Club, Readers Forum, Computer Literacy Forum, Website Advisory Board, Remedial Coaching, Tutorial System, WWS, Department News Letters, Coordinators of various programmes, Consultancy cells, Journal Club and Drama Club. Through this well-functioned students' council in our midst, we aim to teach our students their duty towards their esteemed organization and the society as a whole. After all, understanding the need for maintaining the perfect balance between rights and responsibilities cannot be taught in classrooms. It has to be imbibed and accepted through experiential learning.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of MES College Marampally 'ORMA' has been functioning

from the year 1995. It was formed with a view to keep the silken threads of the attachments between the old students and the Institution. The alumni members meet for an Annual get-together every year with their spouse and children. They share their memories and update their current positions. The association also keeps in touch with the real need of the regular students of the college and act accordingly. It acts as a forum to keep the old students informed of the growth and development of the institution. It is a registered society with the registration number EKM/TC/194/2018. Every outgoing student is enrolled to this alumni group. It has 7 abroad chapters (UAE, UK, USA, Oman, Qatar, Kuwait and Saudi Arabia) and many state level and city level units all over India. The association honor meritorious students, supports deserving students with high academic drive and honor teachers who have done substantial works for the institution. They also help in providing scholarships, meet the bus fee of needy students and even provide support towards organizing students' fest. Alumni also take interest in the curricular aspects of the college. We have an active Facebook page through which they provide feedbacks regarding curriculum development. Our alumni hold key positions in various organizations. Even many of them are entrepreneurs. When they come to college in small groups, they meet the present students and gives motivational talks so as to equip the students for choosing better career, enforcing the bonding between present students and teachers. They have helped in organizing skill development programs and coaching classes for present studies viz. 'Campus to Corporate', thus serving as a forum striving to get a proper blending of the theoretical and practical aspects of the studies. They also act as a source for identifying resource persons for numerous technical sessions. We have department wise social networking group which is very active and also we have another network where the coordinators of 7 chapters and the college coordinator is involved, so that they can update and upgrade the activities, its name is MES ORMA GLOBAL. Alumni association fosters their real fellowship with the institution by providing financial support in upgrading the infrastructure facilities of the college.

5.4.2 – No. of enrolled Alumni:

444

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

211500

5.4.4 – Meetings/activities organized by Alumni Association :

Date : Organized by Meeting/Activity (highlighting the important events) 2  
 12.06.2019 Logistics Management Alumni Association BVoc Logistics Management  
 2016-19 Batch gathered at MES College Marampally. 15.06.2019 Electronics Alumni  
 Association 2016-19 Batch BSc Electronics Alumni meet at Hill View Resort,  
 Kodanad. Sahad Pareed of 2016-19 batch demonstrated the working of various  
 application software used in the projects for the final year students.  
 19.07.2019 Computer Alumni Association Campus to Corporate Talk Series by  
 Alumni - on 19-07-2019. Talk On "IT Industry - From a Practitioner's Desk".  
 19.07.2019 Business Administration Association Abdul Gafoor T B, Parthan  
 Nandakumar, Muhammed Fasil K, MUhammed Haris T M and Joyal George of (2016-19)  
 gave orientation to I BBA. 08.08.2019 Electronics Alumni Association: Mr. Amal  
 Saroj, Alumni and faculty of BVoc Instrumentation handled one hour session for  
 first year BSc Electronics students on the 'Career Opportunities' of BSc  
 Electronics Programme. 09.10.2019 Department of Mathematics: BSc Mathematics  
 2008-11 Batch gathered at College. 09.10.2019 Arabic Alumni Association Arabic  
 Alumni meet 2012-15 Batch organized at College 16.11.2019: BSc Electronics  
 2008-11 Batch Organized at Conference Hall, MES College Marampally. BSc  
 Electronics Batch 2008-11 presented a Digital Visualizer of Rs 36,000/- to the  
 department 20.01.2020 Electronics Alumni Association: Mr Mujeeb P Y Design

Manager, ASPIRE Technologies, Palarivattom conducted a workshop on "VHDL" for the students of MSc Electronics 06.02.2020 ORMA and Biosciences Alumni Association Bioscience Alumni Mr. Sreejith, (Research Scholar, IISER, Trivandrum) and Mr. Jithin (Food industry, Canada) handled the sessions for the students. 10.02.2020: ORMA and Commerce Alumni Association Muhamed Hashim ACCA (2007-10) was resource person for the Campus to corporate programme for the final year students. 10.02.2020 Commerce Alumni Association Rasheed (BCom CA 2004-07 batch) along with Mr. Sooraj Abraham, Sparx organized a soft skill training programme for final year students. 11.02.2020 Electronics Alumni Association :: MSc Electronics 2014-16 Batch gathered at College. Mr. Joseph K and Mr. Nikhil Davis (Alumnii, MSc 2014 Admn) interacted with MSc students on career development. 12.02.2020 Mathematics Alumni Association BSc Mathematics 2013-16 Batch. 17.02.2020 ORMA and BBA Alumni Association Adv. Renjith Marar (1995-98 Batch Alumnus and Advocate of Supreme Court) delivered talk on Constitutional Rights as a part of Campus to Corporate programme of Alumni Association. 25.02.2020 Electronics Alumni Association :: Mr. Amal Saroj, Alumni and Faculty member of BVoc Instrumentation took one hour session about Embedded Systems and Arduino for the final year BSc Electronics students. 19.11.2019 ORMA Alumni Association contributed High end Laptop (i7 processor, 8GB RAM, 4GB Graphics) costing Rs.85,500 for AGD Department

## **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)

Case Study 1: IIC Influence Ministry of Education, Govt. of India has established Innovation Cell (MIC) to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). It was developed to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. Keeping these ideas in mind, MES College Marampally formed Institution Innovation Council(IIC) in 2018. Various programmes were conducted during 2019-20 to nurture innovative ideas of students and are listed below:

- Conducted a paper presentation competition on 29-08-2019.
- Literature survey presentation on 30-08-2019.
- Entrepreneur's talk on IOT based embedded system design on 20-09-2019.
- FDP on ICT Enabled Teaching/Learning Process on 25-09-2019.
- Workshop for the first year second-year students in Graphic Designing on 1-10-2019.
- Workshop on Introduction to Neural Networks on 9-10-2019.
- Motivational speech on 14-10-2019.
- Poster presentation competition on innovative ideas "Ingenious thoughts" on 15-10-2019.
- On 23-10-2019, students visited KINFRA HiTech Park, Kalamassery, "The Maker Village".
- Webinar on Entrepreneurship on 22-11-2019 intending to encourage youth entrepreneurs.
- On 28-11-2019, 47 IIC members visited FAB Lab (Fabrication lab) in Adi Shankara College of Engineering, Mattoor, to make creative designs.
- 'Workshop on VHDL' on 20-01-2020 with an overview of the VHDL language and its use in logic design.
- Webinar on 'Introduction to Machine Learning' on 04-02-2020.
- Project exhibition on 10-03-2020. About 22 projects were exhibited in the programme.

Outcomes:

- Yadhukrishnan of Bioscience Department was invited to attend National Knowledge session for upcoming innovators and entrepreneurs at Thiruvananthapuram on 22-23 January 2020. He was invited for first Kerala Innovation Day and for a unique photo session of YIP 2019-22 winners with KDISC and Kerala Start-up Mission.

Case study 2: Relief work at Wayanad in Kerala Floods 2019 MES College Marampally has been recognized by many accolades in previous years for community and extension activities. The commitment of the institution has been applauded by the Kerala Government and District Administration in Kerala Floods 2018. We were fortunate to contribute the good service in Kerala Floods 2019 that severely affected the tribal population of Wayanad District. A collection drive

was initiated under the auspicious of NSS and NCC unit of the College. They were successful in mobilizing an amount of Rs. 1,19,950/-. 150 rehab kits containing essential goods and grocery items were purchased using the collected amount. Apart from the rehab kits, our students could mobilize medicines, dress materials, and notebooks for the students. The area decided to distribute the kits were: Kolakkamuttam, Kolavil, Poyil, Vasthikunnu, and Chellurkunnu. The team visited on 28-08-2020, which comprises 14 students and nine staff headed by the Vice Principal, Dr. Manzur Ali P.P., assisted by Staff Club Secretary Mr. Haneefa K.G. and NSS Programme Officer Mr. Ahamed Jimshad. The visit was found to be ever memorable and a great learning experience for the students to address humanity much needy situations. The college was gratified in rendering humble assistance to the tribal community.

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
Examination and Evaluation	<ul style="list-style-type: none"> <li>• Being an affiliated college limited flexibility for examination and evaluation reforms. The college follow the directions of University for conducting the examinations. All the courses are CBCSS based and follows the ratio of 1:3 for Internal and external evaluation.</li> <li>• Online test to MSc Biotechnology students, Five minute test by mathematics department, case study presentation by Psychology and Business administration students, group activities to measure and improve their communication level by Business administration students are some of the reforms in internal evaluation.</li> </ul>
Admission of Students	<ul style="list-style-type: none"> <li>• The admission of the students is conducted by the MG University through central allotment process (CAP). The reservation policy of Kerala government is followed in admissions.</li> <li>• Fifty percent of the admission to the self-financing courses and 20 of the aided programme is conducted by the management as per the Kerala government norms.</li> </ul>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• The Post-graduate students are collaborating with premier research institution like Kerala Agriculture University, CUSAT for their summer dissertation.</li> <li>• The B Voc departments have functional MoU with Media and Entertainment Sector Skill Council, Neospark, Zillion, Magmyth Vfx Studio and Kochi Muziris Biennale. Similarly, Commerce department has MoU with AIZAR PIPES, Vazhakkulam. Arabic department</li> </ul>

has linkages with Aster Medcity Kochi, Lakeshore hospital Maradu. The psychology department has MOU with IUCDS, MG University. Commerce department has functional MoUs with Kerala start up mission, Prestige Laminates Pvt Ltd, and Plaza Suites Services Apartments. • The Department of Electronics is collaborated with Cochin University of Science and Technology in a major research Project. • The institution has collaborated with Indian Academy of Sciences, ICSSR, KSCSTE for conducting workshops. The college is also collaborated with Kerala State Literacy Mission for educating migrant laborers.

Human Resource Management

• Institution continued its participative and inclusive strategy in the division of responsibilities and charges of various clubs among the staff members in the opening day of the academic year. • Management and Principal explain the prospective plan of the institution and subsequently, IQAC gives guidelines to prepare action plan by the departments. The action plan is finalised in a meeting of IQAC, Head of the departments and staff council. • Programmes and training sessions for the professional development of the staff has been conducted. • Cultural inclusion of the staff is a deliberative objective which is materialised by celebrating important festivals like "Onam", Christmas, Ramzan and "Bakrid". A staff day at the end of the academic year is celebrated to fortify the spirit of oneness. • "Best performing teacher" and "Best performing non-teaching staff" awards are distributed every year to honour the staff. Incentives are given to teachers who take in service PhD and publish papers in top tiered journals. • Teachers with international recognition, distinction in curricular and extra-curricular achievements are honoured in public meeting.

Curriculum Development

• The college has become a local chapter of NPTEL courses • Additional Skill Acquisition Programme of the college accredited by four stars. • College has started the DCA programme under CCEK • The college has become a local chapter of Spoken tutorial

	<p>courses of IIT Bombay • Seven faculty are members of board of studies. • Collects feedback on curriculum from stakeholders to represent in board of studies. • Curriculum enrichment is performed by Industrial visits, poster making, project presentation, Knowledge sharing and enrichment programmes, Internships, KSCSTE supported student projects etc.</p>
<p>Teaching and Learning</p>	<p>• Some of the faculty members are using Google classroom and Moodle as LMS. • Participative teaching and experiential learning like project exhibition, industrial visits, on the job training, Internship, field surveys, project presentations, executing outreach programmes, Knowledge sharing and enrichment programmes, and Intensive laboratory sessions. • Centre of Kerala Higher education initiatives like Walk with scholar (WWS), Scholar Support Programme (SSP) for advanced and slow learners, and additional skill acquisition programme (ASAP)</p>
<p>Research and Development</p>	<p>• The Institution has a research committee which is actively engaged in the promotion of research culture in the institution. Research paper presentations of PG students and faculty are frequently held. The papers recommended by the expert committee are published in the biannual multidisciplinary journal FORTIS. • 18. research papers published by our faculty members in peer reviewed national and international journals. • Doctoral degree awarded to Two faculty members • Various KSCSTE funded student projects has been sanctioned to the students of science departments. • The Department of Bio Sciences and Computer applications applied for recognizing the department as research Centre of MG University</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>• The College library functions as a separate block in the college with an area of 7250 sq.feet. The library has a spacious reading room and an internet browsing facility attached to it. The library advisory committee suggested 785 books and 9 journals to the library and that has been purchased. Library continues its subscription to UGC-NLIST journal repository. • A new block building was started to be functional</p>



in the college. The area of the built in space is 30,140 sq.ft comprising 16 classrooms, library, spacious seminar hall, two departments and two labs. • Almost all classrooms were equipped with LCD projectors in this academic year to facilitate ICT enabled teaching. The campus has enabled Wi-Fi connectivity. • The physical infrastructure of the college is ensured its optimal utilization through the dedicated staff appointed in each area where it required. Maintenance has been done periodically by the support staff. The infrastructure of the college includes fully equipped conference hall, Electronics, Computer, Biosciences laboratories, Language lab. Playground, Basketball court and health club is also maintained periodically and ensured its quality for optimum utilization.

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

E-governance area	Details
Student Admission and Support	The college admission, student details, attendance and internal exam marks, are available in the college management software TCS which is available to the top management.
Administration	E-Governance has been implemented in administration using TCS software. The college admission, issue of transfer certificate, student details, attendance, internal exam marks, faculty details and faculty coordinated activities are available in the college management software which is available to the top management.
Finance and Accounts	All finance related activities are automated using MES Dkatia software.
Examination	The Mahatma Gandhi has introduced Single Window system for registration, communications, examinations, results, PG and UG question papers etc. as a part of the digitalization.

#### 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	Rafeeq C A	Hands on	Centre for	20000

training in  
Engineering  
zebrafish with  
CRISP tools

Cellular  
Molecular  
Biology

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	workshop on paperbag making on the kudumbasree members	workshop on paperbag making on the kudumbasree members	10/03/2020	10/03/2020	10	25
2020	Two Day Faculty Development Programme on Digital Marketing by the Department of Computer Applications	Two Day Faculty Development Programme on Digital Marketing by the Department of Computer Applications	10/03/2020	11/03/2020	25	Nil
2019	ICT Enabled Teaching/Learning Process by the Department of Computer Applications	ICT Enabled Teaching/Learning Process by the Department of Computer Applications	25/09/2019	25/09/2019	20	Nil
2019	Theatric Skills for Effective Learning, FDP organized by Commerce Department	Theatric Skills for Effective Learning, FDP organized by Commerce Department	18/10/2019	18/10/2019	81	15
2020	One day Technologi	One day Technologi	11/02/2020	11/02/2020	13	2

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developmen  
t workshop  
on Energy  
Conservati  
on

cal skill  
developmen  
t workshop  
on Energy  
Conservati  
on

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
one day workshop on "Multilingual Blogging", organized by Department of Languages, MES College, Marampally.	3	08/08/2019	08/08/2019	1
National seminar on Pure and Applied Mathematics St Peters college Kolenchery	2	04/07/2019	05/07/2019	2
STTP on Advancements in emerging Technologies and Applications	2	01/07/2019	07/07/2019	7
One month training at EFLU Hyderabad as Part of PGCTE programme	1	18/06/2019	13/07/2019	28
Faculty Induction Programme	1	04/06/2019	03/07/2019	30
Two day workshop on Pure and Applied Mathematics Maharajas college Ernakulam	1	21/07/2019	22/07/2019	2
Refresher course in commerce and management	1	01/08/2019	14/08/2019	14

HRDC, Kerala university				
Workshop on "Doctoral Research: Essentials and Desirables"	1	26/08/2019	26/08/2019	1
High impact journal publication-workshop, DDUKK	1	01/08/2019	01/08/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	30	0	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Staff Welfare entails everything from services, facilities and benefits that are provided by the institution for the comfort of staff. The institution imparts various welfare programmes that create a happy and productive environment which render their mental wellbeing. Honours are given to Best performing teachers and teachers who acquire Doctoral degree and teachers with international publications in public functions. The grievances of the faculty are redressed with top priority by the management and Principal. Staff association is functional for the welfare of the staff members. Teaching Staff welfare schemes of the institution comprises: • Casual leave of 15 days for teaching staff per year with leave relaxation • Maternity and paternity leave for</p>	<p>The college gives due consideration to its staff. the grievances of the staff are redressed with top priority by the management and Principal. Staff welfare schemes of the institution comprises: • Casual leave of 20 days for non-teaching staff per year with leave relaxation • Maternity and paternity leave for staff as per government norms • Duty leave for attending various Training Programmes/Orientation/Refresher/ Workshops /Seminars • Salary advance scheme • Day care facility • College bus and hostel facility at a subsidized rate • Canteen and Co-operative society • Emergency medical aid with Doctors' Consultation facility • Counselling center • Provident Fund and ESI facility • Staff club and celebration of festivals with family members • Health club, sports facility and Staff</p>	<p>Various scholarships like Post metric Scholarship Central sector scholarship, state merit Scholarship, Hindi scholarship, Suvarna Jubilee Merit Scholarship, C H Muhammed Koya scholarship, Blind/ P H scholarship, Scholarship for dependent of Jawans, E grant are availed by the students. A total of 825 students availed scholarship this year. Various endowments and prizes are also given to outstanding students in curricular and co curricular activities by the management, PTA and Alumni. Student welfare schemes of the institution comprises: • College bus and hostel facility • Canteen and Co-operative society • Emergency medical aid with Doctors' Consultation facility • Counselling center • Health club, sports facility • Honoring of best outgoing students and class toppers by PTA</p>

staff as per government norms • Duty leave for attending various Training Programmes/Orientation/Refresher/Workshops /Seminars • Salary advance scheme • Day care facility • College bus and hostel facility at a subsidized rate • Canteen and Co-operative society • Emergency medical aid with Doctors' Consultation facility • Counselling center • Provident Fund and ESI facility • Staff club and celebration of festivals with family members • Health club, sports facility and Staff recreation room • Staff tour and Staff Day celebrations • Principal's award for Best performing teaching and non-teaching staff • Honoring with gold coin at the time of retirement • Honoring of faculty acquiring higher academic qualifications by PTA and Management

recreation room • Staff tour and Staff Day celebrations • Principal's award for Best performing non-teaching staff • Honoring with gold coin at the time of retirement • Uniform for security guards

and Management • Scholarships

#### 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 has a transparent and well planned financial management system in which Government and Management are the main source of funds. The institution has mechanisms of external and internal audit for both Government and Management accounts separately Financial audits of grants and funds sanctioned by Government/UGC. There are there levels of audit for the funds sanctioned by the Government. They are as follows • Chartered Accountant-After a stipulated period of time, the accounts for all the grants and funds sanctioned by the Government/UGC are initially submitted to an external Chartered Accountant. The audit report issued by the auditor with utilization certificate and all necessary ratified accounts are submitted to the concerned sanctioned authorities. • Directorate of Collegiate Education-At the time of annual audits by the Directorate of Collegiate Education, the audit team verifies all the financial documents related to the public funds utilized by College. After hearing the clarifications and corrections, the final accounts are settled. • Accountant General, Kerala-The Accountant General, Kerala also conduct their periodic verification of all the accounts sanctioned by the Government. Their suggestions and directions are also incorporated in the further utilization of the funds. Financial Audits of grants and funds sanctioned by Management • The institution has a strong financial advisory board for Management of accounts and all the accounts sanctioned are audited

internally as well as externally. On behalf of the Management, all daily transactions are verified by the financial advisor of the college. • The internal audit of Management accounts is done by the Treasurer, MES Central Committee, Calicut periodically. They verify all financial transactions and submit a detailed report of observations based on the observations given by internal auditor. The financial advisor of the college modifies the statements of accounts. • The Management has appointed M. A. Moideen and Associates as the external auditor of the Management accounts. At the end of every financial year they prepare annual financial statements and audit reports.

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
Non-government bodies, individuals, philanthropies	926141	For various student and staff related activities
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6.4.3 – Total corpus fund generated

76758294
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## 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	External Expert	Yes	Core Monitoring Committee
Administrative	Yes	External Expert	Yes	MES Audit

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

Active support is rendered by the PTA during the academic year 2019-20. PTA has taken initiative to construct a bicycle stand and security cabin. PTA awarded cash prizes to students who had passed with A and presented mementos to the toppers of each programmes and winners of M. G. University arts and sports events. Amount is allocated to purchase books for the Book bank of our library. Cash awards were also given to students who participated in international and national level sports events. PTA also appreciated teachers with outstanding achievements. A special cash award was given to the best bus driver. Counseling facility for the students has been made available in the college once every week with the financial support of PTA. A Book Bank is maintained by PTA in the library to support the educational needs of the most deserved students.

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

• The management and IQAC promotes the professional development of support staff. They are encouraged to attend various training programmes with regard to professional development. • Participation is ensured in the training programmes organized by the government /similar bodies.

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

• Promotes Technology Enhanced Teaching Learning process by conducting workshops and seminars • UGC Paramarsh - Mentoring of neighboring institutions

in NAAC accreditation • Three level Academic audit • Collaborations and MoU • Vocational and Skill Education Programmes • Establishment of MoE - Institution's Innovation Council • Unnath Bharath Abhiyan • Two Days residential Cycleathon -Anti drug campaign • Student Support Services such as Counselling Centre and Doctor Facility • Strengthening of Fine Arts and Sports

#### 6.5.5 – Internal Quality Assurance System Details

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

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Reading day Celebration	19/06/2019	19/06/2019	19/06/2019	60
2019	Life Skills Programme	25/06/2019	25/06/2019	25/06/2019	60
2019	Personality Development Programme for II BBA -- Mr. Sunil K P from Institute for sustainable Development and governance, Thiruvananthapuram	16/07/2019	16/07/2019	16/07/2019	65
Nil	AWARENESS PROGRAMME DURING BREAST FEEDING WEEK IN VAZHAKULAM PACHAYHAT AND IN COLLEGE	07/08/2019	07/08/2019	07/08/2019	40
2019	MockMAT -- Corporate Connect Forum, Dept. Of Business Administration	27/08/2019	27/08/2019	27/08/2019	134

2019	Seminar on Magazine Journalism	17/09/2019	17/09/2019	17/09/2019	100
2019	Corporate Talk on "People Machines Partners in innovations" -- Mr. Shaheen Sidheeque, System Analyst at TCS Kochi	24/09/2019	24/09/2019	24/09/2019	110
2019	Charger and LED Lamp making ( Flood relief)	08/10/2019	08/10/2019	08/10/2019	20
2019	Social Extension- Anganvadi painting	01/09/2019	01/09/2019	01/09/2019	22
2019	Green Initiative- E-Waste upcycling	02/10/2019	02/10/2019	29/11/2019	69
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
AWARENESS PROGRAMME ON LGBTQ by Psychology Department	18/02/2020	18/02/2020	35	20
Seminar on "Legal awareness on harassment" by Adv. Mohanraj T.P. and Adv. Kirosh Rajan P. by Electronics department	05/02/2020	05/02/2020	60	8
Seminar on "Gender	05/02/2020	05/02/2020	65	4



Justice" by Dr. Muse Mary George and Dr. Reshmi P. by Electronics Department				
Teen talk by Bvoc Industrial Instrumentation	16/10/2019	16/10/2019	28	32
Orientation by women's Cell	15/07/2019	15/07/2019	78	0
Ayurveda Awareness Camp	23/09/2019	23/09/2019	72	0
Pranaam Khadi Fest by Women's Cell	18/12/2019	19/12/2019	15	0
Dream Catcher workshop	23/01/2020	23/01/2020	25	0
Dyuthi energy Conservation by women's Cell members	11/02/2020	11/02/2020	25	0
One day Teenage Awareness Programme by Department of commerce	11/02/2020	11/02/2020	80	30
Gender sensitizational programme by Commerce department	09/03/2020	09/03/2020	30	40
Gender Sensitisation	05/02/2020	05/02/2020	220	0
Thrust Concerns of gender parity and equality	05/02/2020	05/02/2020	220	0
Laws related to Sexual Harassment	05/02/2020	05/02/2020	220	0
Cyber crime - Prevention and Prohibition	05/02/2020	05/02/2020	220	0
International Women's Day	18/03/2020	18/03/2020	50	0

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

18.5

## 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	Yes	2
Rest Rooms	Yes	6
Special skill development for differently abled students	Yes	6
Scribes for examination	Yes	2

## 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
2020	1	Nil	21/08/2019	1	WORLD SENIOR CITIZEN'S DAY -Visited oldage home and orphanage at edathala by Psychology Department	senior citizen problems	19
2020	2	Nil	05/03/2020	2	Pain and palliative An awareness class was given by Olive Pain Palliative care unit about lifestyle diseases and occurrence of cancer	health	11
2020	3	Nil	18/02/2	1	Gender	gender	205

			020		sensitization programme-AWARENESS PROGRAMME ON LGBTQ	sensitize	
2019	3	Nill	14/11/2019	1	Blind school sports Day	Empathize with blind	63
2020	4	Nill	08/02/2020	1	Training program on Mushroom cultivation by Department of Biosciences	Sustainability	2
2020	5	Nill	11/02/2020	1	One day Technological skill development workshop on Energy Conservation - Sponsored by Energy Management Centre, Thiruvananthapuram	Energy conservation for housewives	57
2019	6	Nill	21/06/2019	1	Pragathi	empower the needy students	2426
2019	7	Nill	24/08/2019	1	HANKIES OF LOVE	fund raising	69
2019	8	Nill	25/11/2019	30	HASTHA2 K19	empower skill development of school children	15
<a href="#">View File</a>							

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 for students	24/06/2019	There is separate Code of conduct designed and published for the students. It has various aspects related to

		academic programmes and courses in each programme, the mandatory components and requirements as attendance, internal marks, discipline, usage of labs and library and other facilities.
Code of Conduct for teachers	24/06/2019	Teachers are given code of Conduct as to their expected conduct at the college and related academic activities. The institutional stakeholders at all levels adhere to the code of conduct prescribed by the affiliating university and the State Higher Education council
Code of Conduct for Principal	24/06/2019	Code of conduct has been established for the Head of the institution and it states the various principles he has to abide in the working of the institution
Code of Conduct for NTS	24/06/2019	The Non Teaching staff are inevitable in the smooth functioning of the College activities. They cater to various needs of the students and overall administration of the institution
Code of Conduct for ALUMNI	01/06/2019	The Alumni code of conduct is clearly stated as the provisions in the ByLaw of the Registered Association.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nimisha thampi memorial scholarship distribuion	24/09/2019	24/09/2020	75
CLOTH CARRY BAG PROMOTION	01/01/2020	01/01/2020	50
UPAYA 2020	20/01/2020	21/01/2020	54
Freedom Quest 2019	19/12/2019	19/12/2019	60
GANDHIJI@150 ,	25/02/2020	25/02/2020	70

GANDHISMURITHI INVITED TALK SERIES by FDM dept.			
MES SPECIAL SCHOOL VISIT (INTERACTED WITH STUDENTS, TAUGHT SOME CRAFT)	30/01/2020	30/01/2020	4
CARRY BAG MAKING WORKSHOP FOR MES SPECIAL SCHOOL	27/02/2020	27/02/2020	22
WORLD YOUTH SKILL DAY	18/07/2019	18/07/2019	26
HANKIES OF LOVE, EXHIBITION CUM SALE OF HANKERCHIEFS FOR RAISING FUND FOR FLOOD RELIEF	24/08/2019	24/08/2019	66
MYTHRI MYTREE	11/11/2019	12/11/2019	100
<a href="#">View File</a>			

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

i) Plastic Shredding Machine designed by the BVoc Instrumentation Department  
ii) Rain Water Harvesting in the campus iii) "Shanthisthal"- It is a specially designated area in the campus that has a collection of rare and endangered plant series, esp. different varieties of bamboo iv) Cloth carry bag and paper bag making and promotion across the institution v) Energy and Environment Conservation Club (EECC) activities like Energy conservation awareness programme - Dyuthi, Cycleathon-Cycle Rally , Workshop for Self Help Groups on energy conservation and Certificate Course on energy saving devices vi) Institutional Energy audit and green audit vii) Nakshatravanam maintained in the campus viii) Vermicomposting unit ix) Bio-gas Plant in the Canteen and Girl's Hostel x) Plastic Free Campus xi) Solar Panel in the campus for renewable energy xii) Nature club activities Beat Plastic Pollution xiii) Up cycling the E-waste initiated by the BVoc. SDSA xiv) Swachh Bharath by various departments xv) World Environment Day Celebration xvi) International Ozone Day Celebration

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

7.2.1 - Describe at least two institutional best practices Best Practice: 1  
Title of Best Practice: ENTREPRENEURSHIP DEVELOPMENT ACTIVITIES Goal: To identify and nurture aspiring and budding entrepreneurs so that along with completion of the course the students will be able to develop a career.  
Objectives • To nurture budding entrepreneurs, • Self-employment and income generation methods for students as well as to the surrounding local community  
The Context: With the institution located in a village panchayath area, the students are prominently coming from middle class families and lower middle class families and to have a job soon after graduation is of greater necessity.  
Many students opt for part time jobs along with studies. Identifying these scenario the college initiated a possibility for students where they can earn money along with their studies and can later develop it into a profession after completion of their studies. The Practice: In the college there functions a full-fledged Entrepreneurship Development Club for the last ten years. IEDC

sponsored by Kerala Start-up Mission and IIC under Ministry of Human Resource Development Cell also functions for developing the entrepreneurship skills of the students. These cells organise various programmes for familiarising students with start up ideas, innovations and technologies. Students were given opportunities to learn and assimilate by visiting technological expos, industrial concerns, events sponsored by DST NIMAT, NSS Swap shop to foster the spirit of entrepreneurship and at the same time promoting ethics and compassion to fellow beings and invited lectures from the corporate etc. Selection of beneficiaries: Interested students from all departments are active members of these clubs with the assistance of teachers. Evidence of Success With the initiation of an ED club students acquired a greater platform for sharing and implementing their innovative ideas. Students started having their incomes through the marketing of their products through several exhibitions organised by the ED Club. Along with students, teachers also actively participates in the exhibitions, seminars etc. thereby updating themselves with changing world. Further evidence of success in certain specific areas are listed below The events and exhibitions witnessed a greater participation of female students, which instilled in them penchant towards developing a career. Problems Encountered and Resources Required: The major problems encountered in the implementation of the programme are a) Financial: Great financial responsibility in organising seminars related to technologies and innovations. b) Infrastructure : Lacks innovative and newer infrastructure as Fab lab, Virtual Lab. c) Technology related courses are in their early stage d) Procedural as related to registering with Start Up Mission or Government agencies. Best Practice: 2 Title of Best Practice: SKILL DEVELOPMENT PROGRAMMES Goal: To make students competitive for an onerous job situation by providing adequate training for market relevant skills for students. Objectives: • To create opportunities for the development of skills and to improve overall scope and space of landing in a successful job. • Along with graduation certificates, students are equipped with various skill certificates augmenting their chance to secure a better livelihood. The Context: Identifying the importance, relevance and requirement of skill based education for equipping students in ushering the chance and scope of higher job opportunities. Need-based programmes are initiated like Bachelor programme in Vocational studies with diverse specialisation as Instrumentation, Software Design, Fashion Design Management, short term add on as MATLAB, TALLY accounting package, house hold wiring, language and communication skills, personality development skills etc. The college ensures development of skills both vocational and personality of its students for higher job opportunities and placements. The Practice: College conducts various seminars, workshops, certificate courses both vocational and personality for the development of skills necessary for acquiring jobs. Departments initiated student centric learning which includes experiential learning, participative learning and problem solving methodologies used for mastering the methodology and application. Various clubs are actively involved in bringing together likeminded students for enhancing and learning from peer groups monitored by faculty. Students are also encouraged to take part in Government initiated skill development programs like ASAP and several exhibitions organized by skill development centers across country. Our institution has partnered in the YIP programme, obtained certification by the Sector Skill Council, undertakes consultancy projects , introduced Value added certificate programmes, organized talks on IPR, participates in ATAL ranking and strives to attain research projects and funded mini projects. Selection of beneficiaries: Students are given option to choose their interest and area in accordance to their stream of study and for personality development programmes it is ensured that before appearing campus recruitments students are attending personality development programme organised by college. Evidence of Success With the initiation of various skill development programmes there's a rise in the number of students getting employed through campus recruitments. There's a

greater improvement of cognitive, technical and interpersonal skills of students which enabled them to face the world with greater confidence. Along with students, teachers also actively participates in the exhibitions, seminars etc. thereby updating themselves with changing world. Further evidence of success in certain specific areas are listed below • The strategic move to focus on skill development has led to an increase in the number and quality of placements and the institution has won several awards and recognitions at the individual and collective level. • The events and exhibitions witnessed a greater participation of female students, which helped us to strive towards our objective of attaining gender equality. Problems Encountered and Resources Required: The major problems encountered in the implementation of the programme are a) Financial: • Great financial responsibility in organising seminars, workshops and additional certificate courses. b) Procedural: Students participation are occasionally hindered by rigorous schedule of semester system.

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

<https://www.mesmarampally.org/Uploads/Documents/Best%20Practices%202019-20.pdf>

### 7.3 – Institutional Distinctiveness

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

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words The vision of MES College, Marampally is to work for the educational, social and economic advancement of the people of India in all possible ways. The mission is to promote higher and technical education and improve the standard and quality of education among the people in general, minorities and backward classes in particular. The core values of college are Quality, Equity, Inclusion, Skill Development, Service to society and Empowerment. The college stands for equality and to create a more inclusive society for the girl students which was appreciated by the members of National Minority Commission. Women empowerment implies the ability of women to take decisions with regard to their life and work and giving them equal rights in all spheres like: personal, social, economic and so on. College had taken several activities to empower girl students and make them self-reliant. For ensuring gender equality and participation, inclusion of one girl student is assured in every cell and committees that functions in the college. Women Cell organizes seminars, workshops on Gender sensitization and legal awareness. Other important activities include tailoring classes, training in artificial flower making, Embroidery workshops, conducting health and hygienic awareness classes, self defence classes. Women Cell take initiatives to visit Orphanage and old age homes. College gives priority for admission to girls in management quota. Also special scholarships are provided to girl students. It is evidenced in that women students show greater academic excellence and bagged top positions in University examinations. Women students are given preferences for availing benefits of this project. There is separate Girls Hostel facility inside the campus ensuring with 24 hour security and CCTV surveillance system. There is a Sports Hostel facility in Wrestling and Basket Ball allotted by Kerala State Sports Council for improving the performance of the students in the respective events. Special Coaching is given for events like Taekwondo, Ju-Jitsu, Wrestling, Judo, Kurash martial arts, Kho Kho etc. The Female students had conducted Self defence and training programs in various colleges and schools. Apart from Academic endeavours, co curricular and extracurricular activities are importance for improving confidence, self esteem and team work. The college promotes cultural events and offers training for Group dance, Oppana,

Thiruvathira etc. for participation in University Youth festival for which students have bagged awards. Other facilities include Day Care Facility, prayer room, rest room, Sanitary napkin vending machines, Incinerator, personal counseling facility for female students. As part of the Premarital counseling Centre funded by the Kerala Minority Welfare Department, Government of Kerala several programmes were conducted this year.

Provide the weblink of the institution

<https://www.mesmarampally.org/Uploads/Documents/Institutional%20Distinctiveness%202019-20.pdf>

## 8.Future Plans of Actions for Next Academic Year

Future Plan of Actions for 2020-21 M.E.S. College, Marampally is a Government Aided college affiliated to Mahatma Gandhi University, Kottayam, established in the year 1995. The governance and the management of the college are anchored in the principles of Muslim Educational Society (Regd.), Calicut which is one of the largest minority educational agencies in Kerala. The establishment facilitated new directions in the field of higher education by offering a significant number of Vocational (Model II) and Technical programmes in tune with the demands of job market. Future Plans

- Enhance and complete the pre-requisites to expedite sanctioning of the Autonomous College Status of UGC
- Research Centre in Biotechnology, Computer Applications, Electronics, Commerce, Psychology etc.
- To expedite the SSR submission of the mentee institutions under the Paramarsh programme and organize an International Faculty Development Programme for the Faculty of Mentor and Mentee Institutions
- To provide training to the faculty in ICT enabled online teaching such as MOODLE, Familiarization of Video creation tools etc.
- To enroll more faculty in PhD programmes
- To setup a Fab Lab for making products using digital design, 3D printers, laser cutting and other advanced technological means.
- Apply for more funded research programmes and major research projects of UGC, ICSSR, DST, KSCSTE, DBT etc.
- To encourage publication of research papers in peer reviewed journals by providing incentives to faculty and students
- Arranging special programmes like softskill development, Resume preparation, How to face Interviews etc. for final year students to enhance more campus recruitments
- More entrepreneurial development programmes, especially for girl students
- To encourage students to take up courses provided by NPTEL, SWAYAM etc
- Indigenously developed Kids wear brand launch by fashion design department and new character launch by Department of Animation
- Filing patent application for the innovative products like plastic shredding machine and weather monitoring system developed by the Instrumentation Department
- To enhance the community service related to COVID 19 mitigation/victim support activities. Building different products like automatic hand sanitizer machine, UVC based Room Disinfecting Robot, alarm system for implementing social distancing etc.
- To collaborate with Blind School Keezhmad, Aluva as part of supporting the differently abled
- To implement more Swachh Bharat activities
- To organize more women and child welfare/awareness programmes
- To undertake environment friendly programmes such as growing a Miyawaki forest in the campus
- To promote organic farming initiatives with financial aid from Krishi Bhavan and other funding agencies
- To plan and implement community engagement programmes by collaborating with the Vazhakulam Grama Panchayath that will make measurable impact on social and economic condition of the local public.
- Strengthening of Consultancy services, developing collaborations and linkages with industry of various departments
- Implementation of Skill oriented certificate programmes to make students more employable
- To augment the activities of Institutions Innovation Council (IIC) established under MHRD guidelines for five star accreditation
- To apply for more M. Voc. programmes of UGC
- To promote and organize environment friendly



