



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	MAHATMA GANDHI UNIVERSITY
Name of the head of the Institution	Prof.(Dr.) Sabu Thomas
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04812731001
Mobile no.	9447223452
Registered Email	vc@mgu.ac.in
Alternate Email	iqac@mgu.ac.in
Address	Mahatma Gandhi University Priyadarsini Hills P O Kottayam Kerala 686560
City/Town	KOTTAYAM
State/UT	Kerala
Pincode	686560

<b>2. Institutional Status</b>																															
University			State																												
Type of Institution			Co-education																												
Location			Rural																												
Financial Status			state																												
Name of the IQAC co-ordinator/Director			Dr. Robinet Jacob																												
Phone no/Alternate Phone no.			04812732922																												
Mobile no.			9447238029																												
Registered Email			robinetjacob@mgu.ac.in																												
Alternate Email			syilas@mgu.ac.in																												
<b>3. Website Address</b>																															
Web-link of the AQAR: (Previous Academic Year)			<a href="https://igac.mgu.ac.in/wp-content/uploads/2021/12/AQAR-2018-19-MGU.pdf">https://igac.mgu.ac.in/wp-content/uploads/2021/12/AQAR-2018-19-MGU.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.mgu.ac.in/infodesk/calendar/academic/">https://www.mgu.ac.in/infodesk/calendar/academic/</a>																												
<b>5. Accrediation Details</b>																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>0</td> <td>2003</td> <td>16-Sep-2003</td> <td>15-Sep-2008</td> </tr> <tr> <td>2</td> <td>B</td> <td>2.9</td> <td>2011</td> <td>08-Jan-2011</td> <td>07-Jan-2016</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.24</td> <td>2017</td> <td>30-Oct-2017</td> <td>29-Oct-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	0	2003	16-Sep-2003	15-Sep-2008	2	B	2.9	2011	08-Jan-2011	07-Jan-2016	3	A	3.24	2017	30-Oct-2017	29-Oct-2022
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3	A	3.24	2017	30-Oct-2017	29-Oct-2022																										
<b>6. Date of Establishment of IQAC</b>			03-Nov-2009																												
<b>7. Internal Quality Assurance System</b>																															
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture																									
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Faculty Development Programme	28-Nov-2019 6	61
Three day Capacity Building Workshop	05-Dec-2019 3	52
Student Induction Programme	16-Jul-2019 1	575
National Conference on Creative Science Communication	19-Feb-2020 1	55

L::asset('/','public').'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'.\$instdata->upload\_special\_status)}}}

[View Uploaded File](#)

**8. Provide the list of Special Status conferred 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
Dr. Mahesh Mohan & Dr. KR Baiju	Major project	UNDP	2019 1095	1566000

[View Uploaded File](#)

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

Yes

If yes, mention the amount

50000

Year

2020

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

• Steps were made to participate in the ranking processes like NIRF, ATAL, Chancellors Award, THE World University Rankings/Impact Rankings/Young University Rankings/Emerging University Rankings/India Today/The Week etc. • IQAC took initiative to submit project proposals to the Scheme for Promotion of Academic and Research Collaboration (SPARC) by MHRD, Govt. of Kerala. 4 proposals were sanctioned. • Initiated steps to fill the vacant posts for 16 faculty members. • The IQAC has decided to institute three Best Researcher Awards in Science, Social Science, and Language Literature awards for the best patent, best research publication, best research guide, best thesis, etc. to promote an amicable environment congenial to the young researchers of the university. • IQAC made arrangements to admit international students through the University Centre for International Cooperation (UCIC) and an orientation programme was conducted on 11th November 2019.

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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
Student Induction Programme	Organised the Student Induction Programme on 16/07/2019
Online services	Provided the services of online payments, online applications, and online certificates to students through the website.
Civil Service Coaching Institute	Started the Civil Service Institute under the Department of Life Long Learning and Extension
Start more Schools on relevant subjects	6 Schools, namely, School of Data Analysis, School of Energy Materials, School of Artificial Intelligence and Machine Learning , School of Mathematics Statistics, School of Food Science and Technology, School of Nano Science and Nano Technology were started.
Fill the vacant posts of faculty members	Sixteen vacant posts of faculty members were filled.
Support to start-up projects	One Student Startup, registered on 19/08/2019 at Business Innovation and Incubation Centre. • BIIC provides incubation facility for the following Startup companies Interious BioResearch Centre, AGRADE TOOLS, CALABURA LABS, Eco Loving Advancement (ELA)
Brailee Research Centre	Inaugurated the Braillee Research Centre on 15/02/2020

Psychological Counselling Centre	The counselling centre under the School of Behavioural Sciences started functioning from February 2020				
<a href="#">View Uploaded File</a>					
14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>The Syndicate of the University</td> <td>30-Dec-2021</td> </tr> </table>		Name of Statutory Body	Meeting Date	The Syndicate of the University	30-Dec-2021
Name of Statutory Body	Meeting Date				
The Syndicate of the University	30-Dec-2021				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2020				
Date of Submission	29-Jun-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)	<p>The success of the Quality Assurance and enhancement process of the Internal Quality Assurance Cell (IQAC) of any higher educational institution largely depends on the systematic process involved in the collection, storage, compilation, analysis, and reporting of large volumes of institutional data. The timely availability of Management Information System Reports (MIS Report) will always speed up the decisionmaking activities of any organization. In order to streamline this data management process, effective use of ICT and related technology has to be utilized. IQACMIS is a webbased software solution for managing the IQAC data of MG University with modules for managing faculty, department, student, and activity data. The system acts as a repository to store academic and administrative details of faculties and students of various departments in the university, which will speed up the report preparation requirements of various accreditation and ranking agencies like NAAC, NIRF, etc. The</p>				

operation of the system is managed by the four types of users. •

- Administrator (IQAC) • Department • Faculty • Student

The access level of each user in different modules can be managed with different priority levels, each having different access rights to data as set by the administrator.

**Functional Modules of the System:** The system has 10 different functional modules.

**Faculty Data Management.**

- 1.1 Basic Profile Data
- 1.2 Publications
- 1.3 Achievements and Awards
- 1.4 Projects
- 1.5 Ph.D/M.Phil Awarded
- 1.6 Academic/Experience/Promotion
- 1.7 Positions Held in University
- 1.8 MOU and Collaborations
- 1.9 Programme organized
- 1.10 Programme Participated
- 1.11 Reviewer
- 1.12 Consultancy
- 1.13 MOOC programme Developed
- 1.14 Membership Professional Bodies
- 1.15 Resource Person/Invited talk
- 1.16 Generating Updated Faculty Profile/Resume in Word/PDF

**2 Department/School/Centre Data Management**

- 2.1 Basic Data
- 2.2 Course
- 2.3 Syllabus
- 2.4 Projects
- 2.5 Events/Placements
- 2.6 Programme Organized
- 2.7 MOU and Collaborations

**Examination Management System (Functional):**

- Student registration
- Examination registration
- Result publication
- Issue of marklists/transcripts
- Degree Certificate

**EGovernance: Completed Projects**

Online application facility to the following:

- Eligibility
- Equivalency certificate
- Migration certificate
- Readmission
- College transfer
- Course certificate
- Medium of instruction
- Condonation

Other facilities

- Epayment- All the payments to the University is done online only.
- Faculty Recruitment (Assistant Professor, Associate Prof., Professor)
- Employee management system - Employee details
- Medisep employees and pensioners
- PhD WAT Exam Online application for Ph D Registration and related matters.
- Common Admission Test (CAT) portal.
- Common Admission Programme (CAP) portal.
- Budget Preparation of Budget.
- Registrar, Finance Officer and Exam Controller Recruitment.
- P F Credit card and P F Online withdrawal
- Record section - cataloging of files kept in Records section.
- Hostel Management
- National Service Scheme
- University Information

System Digital Document Filing System Implemented Digital Document Filing System, as part of E governance, with effect from 01.11.2018. Almost all the files in the University are circulated digitally and all communications like University order, Letter etc are communicated digitally. New Projects 1. Plancespace - automation of work related to Planning and Development. 2. Syndicate meeting management.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	SPAPMIIC1708	Statistical Physics	01/07/2019
<a href="#">View Uploaded File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MA	Social Work in disability Studies and Action	26/08/2019	MASWDS	28/08/2019
<a href="#">View Uploaded File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Ph D in Tourism in School of Tourism Studies	01/04/2020
<a href="#">View Uploaded File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BBA LLB	Law	Nil
MPES	Physical Education	Nil
MA	Social Work in Disability Studies and Action	Nil

#### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Post Graduate Diploma in Food Analysis And Quality Control (PGDFAQC)	01/08/2019	42
<a href="#">View Uploaded File</a>		

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Psychology	10
<a href="#">View Uploaded File</a>		

## 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
Formally developed Feedback forms are distributed to the stakeholders at the end of each semester and also at the end of the programme and are analysed by faculty members. The suggestions given by them are scientifically analysed, and the results are used to improve the teaching-learning process. In addition to the above, faculty members maintain the practise of collecting direct feedback from students, which they constructively apply in the teaching-learning process. Feedback from alumni is obtained during the annual alumni meet as well.

## 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
MSc	Psychology	10	471	10
<a href="#">View Uploaded File</a>				

### 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	214	808	0	98	98



## 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
98	98	5	32	32	12

[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)

School of Computer Sciences :The faculty advisor assigned to each batch of students collects and files all personal and academic details of the entire batch of students. This enables the faculty member to keep a record of the previous academic record, personal background, current details, semester wise academic and co-curricular achievements of each student in a batch and helps to counsel and guide the ward in a more effective and fruitful manner. The faculty advisor interacts at individual level as well as collectively, to resolve their personal and academic issues. This enables timely identification of weaker students and facilitates their further counselling. This practice produced a positive impact in the student teacher relationship and was reflected in the selection of electives, projects and in the overall performance of the students. K N Raj Centre for Planning Centre State Financial Relations (KNRC): Mentoring system available. Students of each class are under the charge of a faculty member who follow and keep records of their attendance and academic progress. Students are encouraged to discuss any matter connected to facilities available and also personal issues related to study, accommodation and any other matters which are under the institutions powers to resolve. Counselling if required is arranged with the assistance of the School of Behavioural Science in the campus

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1137	98	1:12

## 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
128	98	30	17	89

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr Sabu Thomas	Professor	C.N.R Rao Award Prize Lecture In Advanced Materials", Materials Research Society of India (MRSI) -2019

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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	MSc Environment Science and Disaster Management	2019 admission	19/10/2020	05/02/2021

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
2	471	0.42

## 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://www.mgu.ac.in/syllabus-all-programmes/>

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
MSc, School of Behavioural Sciences	MSc	MSc Disability Studies & Re habilitation Sciences	10	9	90

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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://iqac.mgu.ac.in/feedbacks/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.E.V.Ramasa my, School of Environmental Sciences	2020 DUO- India Professor Fellowship Award	11/11/2019	ASEM -DUO Fellowship Program, Seoul, Korea

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Senior Research Fellowship (SRF)	1095	ICMR
<a href="#">View Uploaded File</a>		

### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	720	SPARC –MHRD	79	14
<a href="#">View Uploaded File</a>				

### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
National seminar on augmentative and alternative communication for person with disabilities	School of Behavioural Sciences	25/09/2019
<a href="#">View Uploaded File</a>		

3.3.2 – 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
Effect of Parental Locus of Control on Emotional Maturity of Students with Visual Impairment	Sri. Rajesh.E	Institute of Scholars	01/01/2020	Teacher
<a href="#">View Uploaded File</a>				

3.3.3 – 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
Business Innovation Incubation Centre	Jomon Joseph	Nil	Start Up firm	Nil	01/12/2019
<a href="#">View Uploaded File</a>					

### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
------------------------	-------------------------

School of Behavioural Sciences	10
School of Bio-sciences	11
School of Chemical Sciences	11
School of Computer Sciences	9
School of Environmental Sciences	6
School of Gandhian Thought Development Studies	7
School of Indian Legal Thought	1
School of International Relations and Politics	5
School of Letters	4
School of Management and Business Studies	3
School of Pedagogical Sciences	9
School of Pure and Applied physics	7
School of Social Sciences	6
International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN)	9
Advanced Centre for Environmental Studies and Sustainable Development (ACESSD)	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	School of Bio Sciences	49	2
<a href="#">View Uploaded File</a>			

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

Department	Number of Publication
School of Bio Sciences	40
<a href="#">View Uploaded File</a>	

#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
"Polyvinyl Alcohol Based Nanocomposite Films Fabricated With Zinc Oxide Nanoparticles And Clove Oil For Antimicrobial Application"	Filed	TEMP/E1/215/201	Nill
<a href="#">View Uploaded File</a>			

3.4.5 – 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
Room temperature ferromagnetism in carbon doped MoO <sub>3</sub> for spintronic applications: a DFT study	Binny A Davis, Brahmananda Chakraborty, Nandakumar Kalarikkal, Lavanya M Ramaniah	Journal of Magnetism and Magnetic Materials	2020	5.2	80 School of Pure Applied physics Room temperature ferromagnetism in carbon doped MoO <sub>3</sub> for spintronic applications: a DFT study Binny A Davis, Brahmananda Chakraborty, Nandakumar Kalarikkal, Lavanya M Ramaniah Journal of Magnetism and Magnetic Materials	6

[View Uploaded File](#)

3.4.6 – 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
Novel in terpenetrating polymeric network based microbeads for delivery of poorly water soluble drug	Kajal Ghosal, Sudeshna Adak, Christian Agatemor, G Praveen, Nandakumar Kalarikkal, Sabu Thomas	Journal of Polymer Research	2020	47	8	School of Pure Applied Physics, International Interuniversity Centre for Nano Science Nano Technology

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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	184	107	44	21
Presented papers	175	97	30	2
Resource persons	41	32	38	11

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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Director, School of Bio Sciences	Colloborative Project	Industry linked project in collaboration with Business Innovation and Incubation Centre (BIIC) of MG University and Agro Bio-Tech Research Centre Ltd, Kottayam	120000

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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
School of Chemical Sciences	Post Graduate Certificate in Instrumental Methods of Chemical Analysis	Students from various colleges	280000	40

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### 3.6 – Extension Activities

#### 3.6.1 – 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
Mega Free Hearing Aid- Assessment, Diagnosis and Distribution of Coustonized Device.	School of Behavioural Sciences in collaboration with Ali Yavar Jung National Institute	8	60

for Speech and Hearing Disabilities (D)  
Mumbai

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3.6.2 – 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
Achievements_Dr. Sabu Thomas, International Inter University Centre for Nanoscience Nano technology	National Researcher Award -DST Nanomission-2020	Department of science and technology	1

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3.6.3 – 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 activities	Number of students participated in such activities
COVID-19 – public awareness program District Health Department Awareness Campaign 2 17	District Health Department	Awareness Campaign	2	17

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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Arctic expedition	National Centre for Polar and Ocean Research (NCPOR)	NCPOR-MoES	1825

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3.7.2 – 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
Project Work	Online Data Handling Using Extreme	Dept. of Comp Sc., University Of Kerala, Trivandrum	01/01/2020	30/06/2020	3

Learning  
Machine

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Ariel University , Israel	27/08/2019	Research facility Exchange	1
<a href="#">View File</a>			

## 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
5800.71	1301.73

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	20.05.06.000	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	139294	Nill	Nill	Nill	139294	Nill
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. (Dr.) Bindu V R	Instructional Design: Computer Mediated Communication	SWAYAM	15/07/2019
<a href="#">View File</a>			

### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)



Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	437	19	3	3	1	0	0	100	2
Added	0	0	0	0	0	0	0	0	0
Total	437	19	3	3	1	0	0	100	2

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

160 MBPS/ GBPS
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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
Facility in School of Computer Sciences	<a href="https://socs.mgu.ac.in/fdp/">https://socs.mgu.ac.in/fdp/</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
118.19	53.32	415	305.99

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)

<p>Various policies framed by the University • Admission Policy • Interdisciplinary • Extension and institutional social responsibility-policy • Environment policy • IPR • Gender Policy • IT Policy • IT Security Policy • Open Source Policy_MGU • Quality-Policy • Anti Plagiarism policy • Security Policy • Faculty Service Policy • Student Accommodation Policy • Academic Policy • Consultancy Policy • Health policy • Barrier Free Environment Policy • Research Policy</p> <p><a href="https://assist.mgu.ac.in/filemanager/assets/storage/DOC-CR4SE114NO6809.pdf">https://assist.mgu.ac.in/filemanager/assets/storage/DOC-CR4SE114NO6809.pdf</a></p>
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#### 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	Scholarship/Fellowship (total)	272	3508679
Financial Support from Other Sources			
a) National	UGC, CSIR, KSCSTE etc. (total)	25	9292321
b) International	Nil	Nil	Nil

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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
International Day of Sign Language Programme on 26.09.2019	26/09/2019	30	School of Behavioural Sciences
A diabetic detection camp was organized	29/08/2019	102	Department of Lifelong Learning and Extension
One-day Orientation Programme on Digital Learning through SWAYAM	15/11/2019	132	School of Chemical Sciences
Three day Capacity Building Workshop on "Machine Learning (Hands-on Python) by Dr. Sabu M.K., Associate Professor HoD, Department of Computer Applications, Cochin University of Science And Technology	05/12/2019	52	School of Computer Sciences
3 day International seminar on Research based practices for managing children with autism spectrum disorders"for the teachers who have registered on Rehabilitation Council of India	12/08/2019	150	Interuniversity Centre for Disability Studies
International seminar on "Augmentative and Alternative Communication for Persons with Disabilities"	14/09/2019	120	Institute of Research in Learning Disabilities
Special Lecture on Yoga and Naturopathy	04/12/2019	60	School of Gandhian Thought and Development Studies Centre for Yoga and Naturopathy

Organized one week online Faculty Training Programme for "Vidyamrutam", the institutionalized platform for online teaching and learning of the University, for all teachers of schools/centres with the help of video tutorials prepared by the faculty me	20/06/2020	92	School of Computer Sciences
<a href="#">View File</a>			

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	UGC NET	287	287	9	Nil
2019	Railway (Preliminary)	42	42	Nil	Nil
2019	University Assistant	54	54	2	Nil
2019	Bank/SSC Coaching	58	58	1	1
2019	Co-operative Bank Junior Clerk	70	70	3	2
2019	PSC – VEO	57	57	Nil	Nil
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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
232	232	6

## 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

NIL	0	0	KILA	7	7
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#### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	3	MSc Psychology	School of Behavioural Sciences	Institute of Mental Health and Neuro Sciences, Kozhikode	MPhil Clinical Psychology
<a href="#">View File</a>					

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

Items	Number of students selected/ qualifying
NET	35
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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
University Youth Festival	University	15
National Management Fest, Beacon 2k20	National	150
Biofest	University	136
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Khelo India	National	1	Nill	Nill	M G Uty Athletics (W) Runner Up
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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)

STUDENTS' COUNCIL (University Students' Union) Fifteen members, not being members of the Senate or the Academic Council, elected by the members of the General Council of the University Union from among themselves, of whom five shall be women and two shall be members of a Scheduled Caste or a Scheduled Tribe. Activities • The University Students' Union led various teams from the university who bagged several prizes in the 35th South Zone Interuniversity

Youth Festival held at Alagappa University, Tamilnadu from 18-22 December, 2019. • The University Youth Festival (Article 14), organised from 27th February to 2nd March, 2020 at Al-Azhar College, Thodupuzha. • Relay marathon Rally was organised on 19.12.2019 to convey the message Save BPCL, Protect Public Sector at Ernakulam. • Drama Festival was organised at Cochin College Cochin on 22-23 January, 2020. • Organised a seminar on the topic Renaissance on 17.01.2020 at St. Josephs College, Moolamattom. • Organised a seminar on Democracy on January 16, 2020 at BAM College, Thuruthicaud. • Organised a seminar on Citizenship Bill on 09.01.2020 at the School of Technology and Applied Sciences, Pullarikunnu. • On 15.01.2020, a seminar on "Citizenship Indian Constitution" was organized at T.M.Jacob Memorial Govt.College, Manimalakkunnu. • " We are One- Students Uprising" programme was conducted at Rajendra Mathani, Ernakulam. • The University teams led by the Students Union bagged several prizes in the National Interuniversity Youth Festival held from 3-7 February, 2020 at Amity University. Representation of Students in the SENATE Fifteen members elected by the members of the General Council of the University Union from among full-time students, of whom one shall be a PG student, one shall be a Research Scholar, one shall be a student of a professional college, five shall be Lady Students, one shall be a member of a Scheduled Caste and one shall be a member of a Scheduled Tribe. Internal Complaints Committee There are 2 student representatives on this committee. Board of Adjudication of Students' Grievances There are 3 student representatives on this committee.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

All Schools have their own alumni association. They have contributed to the development of the Schools and continue to be part of the academic stream. Contributions of Alumni Associations are varied viz: academic support, updating syllabi, enabling to keep abreast of the latest technologies, student mentoring, general body meetings, distribution of prizes to students for outstanding contribution in the departments, family get-togethers, honoring of teachers, technical seminars, special talks, cultural meets, placement support, internship support and philanthropy.

5.4.2 – No. of registered Alumni:

1093

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

150000

5.4.4 – Meetings/activities organized by Alumni Association :

3

### 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)

School of Computer Sciences: The management and monitoring of classes of each year M.Sc admission is entrusted with a Faculty Advisor. It is the faculty advisor who prepares the semester exams schedule, seminar schedule and monitor the students and teachers in implementing the same on time. He/She is the main and intimate mentor/counsellor to the students of his/her batch. All grievances of the students will be first addressed by him. The IQAC coordinator of the

School is in charge of keep tracking of all internal quality assurance activities of the School. It is he/she who collects all data and the proofs from the stakeholders and arranges them in chronological manner. It is he who gives awareness to the other related people on the activities of IQAC. K. N. Raj Centre : The Director assigns responsibility to members of the faculty, connected to student mentoring, course design, alumni-related activities etc to different members of the faculty. Students elect a leader from among them in each semester, which helps smooth exchange of communication between the director and students. A dedicated WhatsApp group is created for each batch of students which help ready flow of information, direction etc between the Director and Students.

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
Research and Development	<p>Curriculum Development School of Environmental Sciences: The syllabus of MSc program has been modified for the 2019 admission students. School of Physical Edn Sports Sciences: Board of Physical Education frequently updates the syllabus as per industry needed. School of Tourism Studies: Development of OBE curriculum, teaching and learning an assessment is ongoing. Bench marking is done with well established academic institutions. School of Computer Sciences: The curriculum is revised after each 3-4 years. The last revision was in 2016. The content of the syllabi is updated so as to reflect the advanced technologies and methodologies in IT field. K N Raj Study Centre for Planning Centre – State Financial Relations: Faculty in charge of teaching each course updates content by including new topics and deleting outdated content, after discussion in faculty council and with the approval of the Director Teaching and Learning School of Physical Edn Sports Sciences: Teachers attend refreshers and orientation courses. School of Tourism Studies: Teaching and Learning: OBE based Teaching and Learning methods are in progress. School of Computer Sciences: Teachers are using the Vidyamrutham the LMS of the University as the medium for transferring the learning materials and to conduct examinations online. ICT enabled teaching and learning mode is used by all teachers and students. The school</p>

plays a keyrole in integrating the benefits of Open Source Software/Tools in the university's educational process through the Swayam/Spoken Tutorial Project. Dr. Bindu V R being the Chief Co-ordinator of the Swayam/Spoken Tutorial Project undertakes the implementation of the project in the University. K N Raj Study Centre for Planning Centre - State Financial Relations : the use of ICT is regular on the part of faculty students are required to do seminar with the help of PowerPoint presentation using LCD Projector. All classes are equipped with LCD projector screen. The smart class is equipped with video conferencing facility. Research and Development School of Behavioural Sciences: Students were encouraged to take up research projects in the interdisciplinary nature comprises of behavioural sciences, medicine and special education. Participation of faculty in STRIDE, STARS, IMPRESS, with interdisciplinary projects School of Environmental Sciences: More projects has been obtained from the funding agency. Receive the UNDP project for eco restoration of riparian forests of Chalakkudy river. To conduct research for the Miyawaki model forest island development in the urban regions, the School received a project under climate resilience program of DoECC, Govt of Kerala. The School has also received projects on emerging contaminants especially for the monitoring of micro plastics in the aquatic ecosystems.

School of Tourism Studies: Collaboration with other educational institutions for publications, organising conferences are established in the School. School of Computer Sciences : Follows the rules and regulations of UGC. K N Raj Study Centre for Planning Centre - State Financial Relations does not run a research programme. However, four members of the faculty are active in research guidance, being approved guides of various schools in the MG University. Library School of Environmental Sciences : ICT and Physical Infrastructure / Instrumentation: New books have been added to the library School of Tourism Studies: ICT and Physical



Infrastructure / Instrumentation - Library is constantly updated with new books and journals School of Computer Sciences ICT and Physical

Infrastructure / Instrumentation: Partially automated library with above 4000 books in the School library. ICT enabled Class rooms and a smart class room/ 3 computer labs, One HPC system.

K N Raj Study Centre for Planning Centre - State Financial Relations :

Besides the General Library of MG University, faculty and students use the library of our centre containing around 1300 books, five newspapers and eight periodicals. Class rooms have student friendly furniture, podium for faculty, LCD projectors and white/green boards. There are 3 desktop computers and two laptops and a printer for use of faculty. The office is well

furnished and has a computer and two printers, one of these is a duplex Printer. Examination and Evaluation

School of Computer Sciences: Follows the CSS regulation for evaluating the answer sheets. School of Tourism

Studies: OBE based Evaluation methods are progressing. Rubrics of assessment and transformative assessment methods are in progress. K N Raj Study Centre for Planning Centre - State Financial Relations : End-Sem Examinations are held within a span of 90 working days Continuous assessment is done as per schedule announced by faculty council.

Internal marks are published 3-5 days before end-sem exams results of end-sem exams are usually available in 3-4

weeks. Complaint redressal facility is available to students. Industry

Interaction / Collaboration School of Computer Sciences: The student projects are to be done at some industries and RD institutions in IT field. School of

Tourism Studies: A new methods named Industry Immersion (students to engage and clock certain number of hours with

Industry in their 1st, 2nd and 3rd semester. This model is currently deliberating and this inclusion helps students to get better industry exposure and employment opportunities.

The Business Incubation Innovation Centre of the MG University is the agency for university-industry interaction. Students participate in such programmes arranged by Business



Incubation and Innovation Centre of the MG University Admission of Students School of Computer Sciences :Admission is done through All India Entrance based on the automated question generation process from question bank. School of Tourism Studies : Admission of Students: Proposed to include Group discussion and personal interview in order to select competent candidates to the programme. K N Raj Study Centre for Planning Centre - State Financial Relations: Admission based on Common Admission Test conducted by the MG University and Interview candidates are admitted by keeping various norms on reservation mandated by Govt of Kerala. Human Resource Management School of Tourism Studies: Two new appoints have been made in order to increase academic staff availability. K N Raj Study Centre for Planning Centre - State Financial Relations Managing the faculty and students in such a way as to ensure good quality is basically entrusted with the Director. He performs this with active cooperation of the members of faculty.

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

E-governance area	Details
Planning and Development	<p>K N Raj Study Centre for Planning Centre - State Financial Relations: E-governance exists at University level</p> <p>Planning and Development: Plans for continuous improvement in facilities and upgradation of the existing ones is submitted by the Director when the University convenes meeting of departments centres prior to preparation of its annual budget.</p> <p>Administration: The Director is in charge of the overall administration. The office consists of a university assistant (permanent, full-time) and a last grade staff (on contract) Finance and Accounts: Managed by the Director as per MG University statutes. Student Admission and Support: The Director is mainly in charge of admission. Once the result of common admission test is ready, concerned section of the University forwards the list of successful candidates. Admission is done based on the university statutes and subject to the reservation policy of the govt of Kerala Examination: Examination is conducted regularly and</p>

time-bound manner within 90 working days since the start of each semester. Generally, we could give results of each batch of students within 24 months of their joining for the course

### 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	Dr. Rajesh A Shenoi	37th Annual Meeting of Indian Academy of Neurosciences (IAN-2019) Neurocon-2019	Indian Academy of Neurosciences Neurocon	30795
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nill	DDFS File Movement -Section Officers	20/08/2019	22/08/2019	Nill	29
<a href="#">View File</a>						

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
Workshop for formulating OBE based syllabus	3	04/02/2019	08/02/2019	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
98	98	1435	1435

### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity/Paternity Leave, Group Insurance, Staff Welfare fund, Provident Fund, Medical Re-imbursement	Maternity/Paternity Leave, Group Insurance, Staff Welfare fund, Provident Fund, Medical Re-imbursement	E-Grants, Transport facilities

## 6.4 – Financial Management and Resource Mobilization

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

After every financial year, Kerala State Audit Department (KSAD) conducts financial audit. KSAD Audit and AG's audit done till 2019 -20 .. Every financial year audits are conducted by both university and state govt

### 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
Internal Revenue generated	200000000	Maintenance of infrastrucrure facilities like laboratory, building, landscape etc. and related purposes
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### 6.4.3 – Total corpus fund generated

200000000
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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	AG	Yes	University
Administrative	Yes	AG	Yes	University

### 6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The Schools and Centres in the University campus are given academic autonomy.

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

K N Raj Study Centre for Planning Centre – State Financial Relations PTA General Body Meeting is conducted once in a year. Parents give us valuable inputs on various aspects connected to the running of the programme, which help us assess our strengths and weaknesses. Such inputs are used in furthering quality of the programmes and satisfaction of students and their parents School of Tourism Studies: Regular PTA organised in conducting different events in the school in order establish good bond with teachers, parents and students

### 6.5.4 – Development programmes for support staff (at least three)

10 training programmes were organised for the non-teaching staff by the Human Resources Development Centre of the University. Fitness Centre for the entire University community is functioning on the campus. The University promotes

various recreational activities. The university also promotes employees organizations and co-operative societies. The women's organization is also in the forefront in empowering the women community on the campus through its various activities.

#### 6.5.5 – Post Accreditation initiative(s) (mention at least three)

K N Raj Study Centre for Planning Centre – State Financial Relations : The University-level IQAC made detailed discussion of the comments received from NAAC team and took a firm resolve to make good those aspects on which the University was found lacking/weak.

#### 6.5.6 – 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

#### 6.5.7 – 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	Organised soft-skill and personality devt programme for students	04/02/2020	04/02/2020	05/02/2020	31
<a href="#">View File</a>					

### 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
Hand sanitizer preparation during covid-19 period	19/05/2020	30/06/2020	5	7
Panel discussion on "Where I Belong To"- A dialogue on experiences and a quiz competition organised as part of the Women's Day	20/03/2020	20/03/2020	40	9
Webinar on	03/02/2020	03/02/2020	34	12

Orientation to students on gender equity

#### 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

**Solar Energy Initiatives by the University** The major buildings of Mahatma Gandhi University have installed roof-top solar panels. Solar energy is used, and it is linked to the power grid. At present, a total of eight buildings in the campus like Administrative block, library, various Schools like Chemical Sciences, Environmental Sciences, Management and Business studies, Computer Sciences, Behavioural Sciences and Pure and applied physics are installed with roof top solar panels. The details are as follows:

- Roof-top solar-powered generators for 400 KWP were installed in the campus with an investment of Rs. 350 lakhs under RUSA Phase I.
- The grid connectivity with Kerala State Electricity Board has been completed and in favourable conditions the savings for the university on the power front are in the range of Rs. 6-7 lakh.
- This innovative system helped to produce 1600-2100 units of electricity per day from its eight buildings. Solar power systems will be eventually extended to all buildings of the University.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	50
Provision for lift	Yes	50
Ramp/Rails	Yes	100
Scribes for examination	Yes	5
Special skill development for differently abled students	Yes	10
Rest Rooms	Yes	10
Braille Software/facilities	Yes	1

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	4	19/08/2019	30	Start-up Incubation Facility at the Business Innovation and Incubation Centre(BII	Plastic menace	22

C) .The BIIC provides incubation facility for the following Startup companies - Interious BioResearch Centre, A-GRADE TOOLS, CALABURA LABS, Eco Loving Advancement (ELA

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

Title	Date of publication	Follow up(max 100 words)
Handbook of University Act and Statutes	22/10/1998	Required amendments are made time to time. Awareness programme is arranged every year for the stakeholders. additionally each school/department have separate handbooks

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Agriculture and Literature	12/02/2020	14/02/2020	75
Workshop on Brailee organised by School of Behavioural Sciences	09/01/2020	09/01/2020	20
Vocational Rehabilitation Centre	Nil	Nil	35

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

University's environmental policy is aimed at achieving a green and sustainable environment. Reduced the use of non-renewable sources of energy and increased the use of renewable sources of energy especially solar power. • Significant amount is spent on protection of 12 Hectares of land (28 acres) rich in

biodiversity as "Jeevaka Live Laboratory" (untouched virgin land) in the campus. Significant amount was also spent for diversion of rooftop rain water from all buildings (14 nos) to Ravindra Sarovar - an abandoned quarry turned water storing pond in the campus to store 42.5 million litres of pure water which is sufficient for meeting the water requirements for a year. Substantial amount was spent on protection of all watershed areas, well recharging, construction of check dams, conversion of traditional bulbs to energy efficient LED bulbs, procurement of battery operated vehicle, construction of rainwater harvesting tanks, procurement of air quality monitoring vehicle etc. Framed and implemented the green policies on water conservation, biodiversity protection, energy use and waste management. An eco-friendly battery operated vehicle is in in-house operation. Cutting of trees is restricted in the campus. Under unavoidable circumstances, tree cutting will be permitted only with the approval of CACTS (Campus Advisory Committee on Tree Saving) by planting equal number of tree saplings.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

The University has disabled-friendly and barrier-free environment. Ramps, Battery operated vehicles, wheel chairs, special toilets etc are provided for Divyangs. Rainwater has been collected and utilised for laboratory purposes especially to produce distilled water. This can save a good amount of drinking water. Ponds, Pits are used for the conservation of rain water. A quarry has been shaped into a large water conservation facility, namely, Raveendra Sarovar.

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

<https://assist.mgu.ac.in/filemanager/assets/storage/DOC-CR7SE173NO5619.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

Mahatma Gandhi University envisions to excel in the field of higher education and cater to the scholastic and developmental needs of the individual, through continuous creation of critical knowledge base for the society's sustained and inclusive growth. Since the University is a public funded system, the issues of the stakeholders are of prime concern. COVID-19 is a serious threat to humanity, the University has extended all of its sophisticated analytical laboratory facilities to fight against COVID-19. The IUCBRSSH of University has approved as a COVID 19 testing centre by the Govt. of Kerala and ICMR/DHR in March 2020 since the institute was already equipped with all the facilities including high end equipment required for the RT-PCR testing. COVID19 patient samples testing started from 29 March 2020 and several samples have been tested during the assessment period. However, as on Aug 31, 2021 more than 3,00,000 samples have been tested (from 27 March 2020) and results were disseminated within 24 hours of receipt of samples in the centre. The Laboratory works in 3 shifts 24 x 7 in support of Govt. of Kerala to break the chain of COVID-19.

Among the State universities in Kerala, IUCBRSSH under Mahatma Gandhi University is the only ICMR and Govt of Kerala approved COVID19 testing centre. University has given utmost priority to fight against COVID -19 not only by providing laboratory facilities but with manufacturing and supply of hand sanitizers, awareness creation (online media) etc. Experienced researchers were engaged in the COVID -19 test (PCR Facility) at Government Medical College, Kottayam. Additionally University has given required relaxation for its students for paying various fees, examination schedule and pattern, online



examination and viva voce, extension of research period, examination centre allotted for students in their home district (examinations were conducted in Lakshadweep also) etc. All these activities are being monitored precisely in an academic point of view for the creation of new knowledge for the sustained growth and well being of the society.

Provide the weblink of the institution

<https://www.mgu.ac.in/>

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

Future Plans • Implementation of Outcome-Based syllabus for all Teaching Departments • Other plans in respect of the teaching departments are as follows:

School of Behavioural Sciences: Start Short term certificate programme and PG programme in Forensic Psychology collaboration with Kerala Police Academy. Restructure the M.Phil Rehabilitation Psychology programme of the school in tune with Rehabilitation Council of India Guideline and approval. Institute the Vocational Rehabilitation Centre of the School of Behavioural Sciences as a centre of National Importance, and start various programmes in line with RCI. Establish more academic and Research collaborations with National and International agencies, with palliative care centres and institutions working in the area of disability prevention and rehabilitation.

School of Chemical Science: Take steps to initiate the construction of the new building for the P G labs and instrumentation rooms. Provide training programs for students to operate sophisticated instruments. Effective management of chemical wastes from the laboratories. Conduct of Certificate Programs in Instrumental Methods of Chemical Analysis. Organise webinars in frontier areas in chemical sciences.

School of Letters: School of Letters plans to introduce new courses. It plans to strengthen the alumni and provide better infrastructure facilities to students.

School of Tourism Studies: To start a certificate programme on waste management. To conduct environmental awareness programmes to school students and teachers. Enhancement of research activities. To extend environmental consultancy services to various groups To strengthen the linkages already established with various institutions within the country and abroad.

Inter University Centre for Biomedical Research Super Specialty Hospital: Lab-intensive, 2-year MSc program in Experimental Biology. Commissioning of a modern animal house for transgenic animal production. Instalment of dedicated HT Power supply, supported by DG (450 KVA capacity). Hands on lab-training for professional students and staff in biomedical sciences.

School of Environmental Sciences : To conduct 4th Disaster Risk Vulnerability Conference. To collaborate with NCPOR, IR for the institutionalisation of International Centre for Polar Studies (ICPS) and to conduct an International Seminar on Polar Studies (ISPS).

School of Computer Sciences :To bifurcate current M.Sc programme into two, one on Computer Vision and another on Data Science and establish a Vision Intelligence lab and a Data Science lab. To establish a Digital Solutions and Consultancy Services wing. To conduct machine learning and deep learning hands on workshops. To start an IEDC club. To begin an ACM student Chapter under the School. To start add-on courses for acquiring additional skills by the students. To start bridge courses for filling a gap in starting an advanced course in first semester to conduct an international conference.

Inter University Centre for Disability Studies: Webinar on Learning Disability and ADHD. Short Term Course on Advanced Counselling Skills. .

Rehabilitation Council of India (RCI) approved BED. Special Education Courses (Specific Learning Disability, Intellectual Disability, Autism Spectrum Disorders, Hearing Impairment, Visual Impairment, Multiple Disabilities) and Diploma in Prosthetics Orthotics (DPO) K N Raj Study Centre for Planning Centre - State Financial Relations: Apply for funding to institute a modern econometric Lab and other physical infrastructure.



