



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		MAHARAJA'S COLLEGE
Name of the head of the Institution		Dr. Mercy Joseph
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04842362838
Mobile no.		9447374772
Registered Email		principal@maharajas.ac.in
Alternate Email		iqac@maharajas.ac.in
Address		Park Avenue, Ernakulam
City/Town		Ernakulam
State/UT		Kerala
Pincode		682011
<b>2. Institutional Status</b>		

Autonomous Status (Provide date of Conformant of Autonomous Status)	02-Feb-2015																														
Type of Institution	Co-education																														
Location	Urban																														
Financial Status	state																														
Name of the IQAC co-ordinator/Director	Dr. Jaya S.																														
Phone no/Alternate Phone no.	04842362838																														
Mobile no.	9447831106																														
Registered Email	principal@maharajas.ac.in																														
Alternate Email	iqac@maharajas.ac.in																														
<b>3. Website Address</b>																															
Web-link of the AQAR: (Previous Academic Year)	<a href="https://maharajas.ac.in/images/AQAR_2018-2019.pdf">https://maharajas.ac.in/images/AQAR_2018-2019.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://maharajas.ac.in/images/ACADEMIC_CALENDAR_2019-20_new.pdf">https://maharajas.ac.in/images/ACADEMIC_CALENDAR_2019-20_new.pdf</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>2</td> <td>A</td> <td>86.40</td> <td>2006</td> <td>21-Mar-2006</td> <td>21-May-2011</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.11</td> <td>2013</td> <td>23-Mar-2013</td> <td>31-Dec-2019</td> </tr> <tr> <td>4</td> <td>A</td> <td>3.11</td> <td>2021</td> <td>01-Mar-2021</td> <td>28-Feb-2026</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	86.40	2006	21-Mar-2006	21-May-2011	3	A	3.11	2013	23-Mar-2013	31-Dec-2019	4	A	3.11	2021	01-Mar-2021	28-Feb-2026
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4	A	3.11	2021	01-Mar-2021	28-Feb-2026																										
<b>6. Date of Establishment of IQAC</b>	03-Jul-2000																														
<b>7. Internal Quality Assurance System</b>																															
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National Workshop on Quality in Higher Education: issues policies and Programmes	17-Feb-2020 1	200
<a href="#">View File</a>		

**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
Maharaja's College Ernakulam	CPE	UGC	2010 728	10000
<a href="#">View File</a>				

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

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

4

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

Supported the Students and teachers to resume the Academic activity through the online platforms during the pandemic Period

Inclusion of students from SC/ST/DA/TG and Geographically Challenged in all the Committees and clubs

N-list access to the majority of students and Research Scholars

Framed a statement of quality for the College

Constituted SQAC-Student Quality Assurance Cell-

[View File](#)

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

Plan of Action	Achivements/Outcomes
N list Access to Students	. Provided institutional email id to all students to equip them for N List Access
Constitution of SQAC	Constituted Student Quality Assurance Cell to intensify the enhance culture among students
Club activities	Constituted different clubs and ensured the participation of students in club activities
Green initiatives	Encouraged Eco-Friendly outlook such as controlling plastic waste in campus, use of LED bulbs, use of renewable source of energy, conservation of energy etc.
Training programmes	Organized different training programmes for faculty members to cop up with the challenges raised by the pandemic
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
College Council	23-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

23-Dec-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)

MAHARAJA'S COLLEGE, ERNAKULAM (GOVT. AUTONOMOUS) Uses An Efficiently

Designed Comprehensive Management Information System (Mis) Named CAMPUSSUITE Nic For All Matters Pertaining To Its Academic And Administrative Governance. CampusSuite Nic Is A Suite Of Applications Providing Management, Faculty, Staff, Students And Parents With Immediate Access To RealTime Information And Connects That Information To Specific Action. Nic Has Successfully Implemented Campus Suite At Various Universities Like Kerala Agricultural University (Kau), Kerala University Of Health Sciences (Kuhs), Kerala University Of Fisheries Ocean Sciences (Kufos), Medical College Hospital Kozhikode, Etc. The CampusSuite Nic Is Developed And Implemented As A webbased Solution With The Entire Application Developed In Open Source Technology (Linux, Apache, Postgresql, And Php). The Modules Of The Software Shall Be Developed And Deployed In An Incremental Order With The Following Sequence. The Following Functions Are Now Being Performed As Part Of The First Phase Of The Software: Online Candidate Registration, Admission Management, Academic Management, Hr Management, Fee Management, Message / Dashboard / Sms Alerts And Activities Of Controller Of Examinations Especially The Entry Of Internal Marks. The Second Phase Of The Software Implementation Is Expected To Accomplish Functions Such As Certificates Management, Event Management, Accounting And Budgeting, Inventory Management, Digital File Flow Management And Attendance Management (Of Teachers/Students/Staff). SERVICE OF STAFF (FACULTY MEMBERS AND NONTEACHING STAFF): An Integrated Personnel Payroll And Accounts Information System Has Been Implemented For The Employees By The Government Of Kerala - Service, And Payroll Administrative Repository For Kerala (Spark). The System Deals With The Personnel Administration, Payroll And Other Account Activities Of The Employees Of The Teaching And NonTeaching Staff Of The College. Each Employee Is Allotted A Unique Permanent Employee Number (Pen). The System Helps In Accurate And Automatic Salary Processing. The System Also Has

Features Such As Processing And Sanction Of Provident Fund Advance, Leave Management, Processing Of Income Tax, Etc. ATTENDANCE OF FACULTY MEMBERS AND NONTEACHING STAFF: The Management Of The Attendance And Leave Is Done Through A Biometric Attendance Marking System. The Employees Of The College Mark The Attendance By Registering Their Fingerprints On The Biometric Attendance System. Punching Is Done At The Time Of Entry Into The College And Exit From The College. The Attendance Can Be Tracked Through A TimeTrace Software Connected To The Biometric Attendance Marking System And Is Monitored Regularly By The Principal And Other Higher Officials In The Directorate Of Collegiate Education, Government Of Kerala. WEBSITE: All Relevant News And Information Are Regularly Updated In The Website Of The College. Latest Updates Regarding The Dates And Procedures Related To Admission, Examination, Etc., Are Scrolled In The Website Of The College.

## 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
MA	MRARAPG	Arabic	26/09/2018
MSc	MRBOTPG	Botany	26/09/2018
MSc	MRCHEPG	Chemistry	26/09/2018
MSc	MRANCPG	Analytical Chemistry	26/09/2018
MSc	MRAPCPG	Applied Chemistry	26/09/2018
MSc	MRPHCPG	Pharmaceutical Chemistry	26/09/2018
MCom	MRCOMPG	Finance	26/09/2018
MA	MRECOPG	Economics	26/09/2018
MA	MRENGPG	English	26/09/2018
MA	MRHINPG	Hindi	26/09/2018

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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
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MA	Arabic	26/09/2018	Methods and Principles of translation-PG1ARBC01	26/09/2018
MA	Arabic	26/09/2018	Advanced Grammar-1-PG1ARBC02	26/09/2018
MA	Arabic	26/09/2018	Rhetoric and Poetics-PG2ARBC10	26/09/2018
MA	Arabic	26/09/2018	Professional Translation-PG2ARBC06	26/09/2018
MA	Arabic	26/09/2018	Advanced Grammar-2-PG2ARBC07	26/09/2018
MA	Arabic	26/09/2018	Literary Theory and Criticism-PG3ARBC11	26/09/2018
MA	Arabic	26/09/2018	Autobiography Special Study: Taha Husan-PG4ARBE01	26/09/2018
MA	Arabic	26/09/2018	Film studies-1-PG4ARBE05	26/09/2018
MA	Arabic	26/09/2018	Drama Special Study: ALI AHMED BAKATHIR-PG4ARBE04	26/09/2018
MA	Arabic	26/09/2018	Applied Syntax 4-ARB4COR04	26/09/2018
<a href="#">View File</a>				

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
<a href="#">View File</a>		

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Arabic	01/06/2016
BSc	Botany	01/06/2016
BSc	Chemistry	01/06/2016
BSc	Chemistry	01/06/2016

	(Environmental & Water Management)	
BCom	Commerce	01/06/2016
BA	Economics	01/06/2016
BA	Economics (Honours)	01/06/2016
BA	English	01/06/2016
BA	Hindi	01/06/2016
BA	History	01/06/2016
BA	Islamic History	01/06/2016
BA	Malayalam	01/06/2016
BSc	Mathematics	01/06/2016
BA	Music	01/06/2016
BA	Philosophy	01/06/2016
BSc	Physics	01/06/2016
BSc	Physics Instrumentation	01/06/2016
BA	Political Science	01/06/2016
BA	Sanskrit	01/06/2016
BSc	Zoology	01/06/2016
MA	Arabic	26/09/2018
MSc	Botany	26/09/2018
MSc	Analytical Chemistry	26/09/2018
MSc	Applied Chemistry	26/09/2018
MSc	Chemistry	26/09/2018
MSc	Pharmaceutical Chemistry	26/09/2018
MCom	Finance	26/09/2018
MA	Economics	26/09/2018
MA	English	26/09/2018
MA	Hindi	26/09/2018
MA	History	26/09/2018
MA	Islamic History	26/09/2018
MA	Malayalam	26/09/2018
MSc	Mathematics	26/09/2018
MA	Music	26/09/2018
MA	Philosophy	26/09/2018
MSc	Physics	26/09/2018
MA	Political Science	26/09/2018
MSc	Sanskrit	26/09/2018
MSc	Statistics	26/09/2018
MSc	Zoology	26/09/2018



### 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
MaTlab	01/06/2019	15
Text editing using LaTeX	01/06/2019	12
<a href="#">View 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
BA	History	51
BA	Arabic	27
BSc	Botany	30
BSc	Chemistry	35
BSc	Chemistry (Environmental & Water Management)	23
BCom	Commerce	24
BA	Economics	47
BA	Economics Honours	28
BA	English	22
BA	Hindi	34
<a href="#">View File</a>		

### 1.4 – Feedback System

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

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The IQAC of the College takes feedback from students, teachers, alumni and parents. The feedback in 2019-20 was collected using Google Forms. In order to ensure full transparency and fairness, the online form was designed to be filled-in anonymously and without any bias by the participants. A total number of one hundred sixty four teachers responded to the survey. The responses to the questions were collected on a five point scale. Eighty three percent of the teaching faculty strongly agrees that prior notice is given for the BoS meetings while another twelve percent expressed satisfaction. 93 of the teachers expressed their satisfaction towards the coverage and incorporation of relevant aspects in the syllabus. Ninety four percent of the teachers expressed their satisfaction over the curricular objectives. 93 respondents said that the</p>

curriculum of the college possess ample scope for theoretical and practical learning. 93 respondents said that the curriculum of the college possess ample scope for theoretical and practical learning. Altogether a majority of 94 of the teachers expressed their satisfaction towards appropriateness in the selection of elective courses. 93 expressed their satisfaction regarding the achievement of learning outcomes in the College. More than 90 of the respondents opined that the process of curriculum development in the College is appropriate. 92 of the faculty are in agreement that the syllabus covers latest theoretical developments. Around 91 of the teachers agreed that there is good coverage of emerging issues in the syllabus. A majority of around 93 expressed their satisfaction towards the appropriateness of the reading list and references. Around 88 of the respondents agree to the aspect that the reading list of reference books and materials are available for the student community in the College. More than 90 of the respondents expressed their satisfaction regarding the appropriateness of the periodic revision and updating process of the syllabus. More than ninety percent of the respondents expressed their satisfaction towards the appropriateness in the allocation of contact hours. Around forty five percent said that they are able to do the time management in syllabus completion though under stress, while only twenty eight percent responded that they are able to manage time effectively. In the feedback of parents, around eighty eight percent of the respondents expressed their satisfaction regarding the curriculum and syllabus of the college. Sixty four percentage marked strong agreement whereas another twenty four percent marked agreement in this regard. A total number of four hundred twenty eight alumnus responded to the survey. Around forty nine percent of the respondents strongly agreed that curriculum and syllabus are appropriate while thirty percent are in agreement with the same. After analysing the feedbacks, department were given directions to discuss in detail the issues pertaining and to submit a detailed report with suggestions. The IQAC submitted recommendations before the college council on the basis of wider discussions among the IQAC members and the consolidated suggestions from respective departments. The recommendations were accepted by the council and decided to implement the same.

## 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	APPLIED CHEMISTRY	9	348	9
MSc	CHEMISTRY	17	417	16
MSc	BOTANY	16	171	16
MA	ARABIC	16	21	16
BA	ARABIC	36	344	36
BSc	BOTANY	30	2000	30
BSc	CHEMISTRY	36	2430	36
BSc	ENVIRONMENTAL CHEMISTRY AND WATER MANAGEMENT	30	771	28
BA	ECONOMICS	50	3366	54
BA	ECONOMICS	30	1410	30

[View File](#)**2.2 – Catering to Student Diversity**

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1969	553	Nil	Nil	181

**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
181	181	15	47	29	10

[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)

The College Follows A Comprehensive System Of Mentoring Which Has Paid Rich Dividends In Most Cases. Every Tutor Collects Key Information Of A Student In Terms Of His Or Her Social Background, Education Of Parents, Financial Status, Academic Preferences, Scholastic Difficulties Faced So Far, And Possible Areas Of Higher Education And Chances Of Immediate Employment. The Tutor Interacts With The Wards Individually Or Collectively For Identifying Their Strengths And Weaknesses Whereby The Tutor Eventually Recommends And Executes Appropriate Measures Like Remedial Classes And Personalized Counselling. In The Case Of Students Who Display A Flair For Academic Mobility And Original Research, The Tutor Informs Them About Activities Such As Seminars, Workshops And Colloquia, And Positively Inspires Them To Participate. Students Are Encouraged And Motivated To Browse The Internet, The Library And E-Journals For Academic Activities Such As Assignments And Intramural Projects. The Process Thus Enhances Their Self-Reliance, Research Aptitude, Communication Skills And Confidence. Such Interventions And Scaffolding Help The Students Develop A Filial Affection For The Teacher. Being Thoroughly Receptive Of The Polarity In Learning Abilities Of The Students, The Institution Has Taken Special Care In Identifying The Students Who Display Various Levels Of Cognition Under Major Categories Like Slow Learners And Advanced Learners.

- Slow Learners: Students Facing Problems In Cognising The Complex Concepts In The Curriculum Tend To Develop Ineptness In Learning. Such Students Are Rendered Special Care Under The Initiative Of Scholar Support Programme. The Selected Students Are Provided Extra Coaching By The Internal Mentors In The Form Of Giving Extra Questions, Assignments Related To The Curriculum Thus Boosting The Level Of Confidence Among The Students In Facing Examinations With Minimised Phobia. This Kind Of Bonding Between Students And Teachers Stands In Good Stead For Students And Teachers In Uplifting The Codes Of Education.
- Advanced Learners: The College Has A Centralised And More Formal Mechanism For Mentoring Which Is Termed Walk With A Scholar (Wws). In This Scheme, A Few Students Exhibiting Extraordinary Learning Potential Are Chosen From Each Class And Entrusted To An Internal Faculty. Resource Persons From Different Realms And Professions Are Invited To Deliver Talks On Their Areas Of Expertise Aiding The Students To Decipher The Wide Scope Of Their Respective Disciplines. The Internal Mentor Focuses On The Intellectual Cum Academic Development Of His Wards By Organizing Brainstorming Sessions, Field Visits To Renowned Universities/Institutions, Interaction With Luminaries And So On. S/He Also Helps Students To Correctly And Meaningfully Identify And Explore Areas Which Can Be Their Principal Concern And Research In The Future. External Members, On Conrtry, Maintain A Less Personal But More Professional Relation With Such Students. Students Are Greatly Benefitted By Their Frequent Interactions With The External Experts Eliciting Factors Leading To Success And Making The Sessions More Enriching. External Mentors, With Their Vast And Varied, First-Hand Knowledge Of Their

Domain—Industry, Communication, Social Engineering, Activism, Ecological Concerns, Planning, Pedagogy, Stress Management— Instil Precious Values And Sensibilities Among The Students Preparing Them To Amass Strength To Confront The Umpteen Challenges Of The Globalised World .

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2522	181	1:14

## 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
181	181	Nil	Nil	93

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	DR. REENA KUMARI V.L	Assistant Professor	RED DAIMOND ACHIEVER AWARD 2020 (INTERNATIONAL)
<a href="#">View File</a>			

## 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
BSc	MRCHEUG	VI Semester	12/03/2020	30/06/2020
BSc	MRBOTUG	VI semester	12/03/2020	30/06/2020
BA	MRARAUG	VI Semester	12/03/2020	30/06/2020
BA	MRENGUG	VI semester	12/03/2020	30/06/2020
BA	MRECOUG	VI Semester	12/03/2020	30/06/2020
BA	MRHINUG	VI Semester	12/03/2020	30/06/2020
BA	MRHISUG	VI Semester	12/03/2020	30/06/2020
BA	MRHOEUG	VI Semester	12/03/2020	30/06/2020
BA	MRSANUG	VI Semester	12/03/2020	30/06/2020
BA	MRIHIUG	VI Semester	12/03/2020	30/06/2020
<a href="#">View File</a>				

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
88	2522	3.48

## 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://maharajas.ac.in/index.php/content/index/outcomes>

### 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
MRHINUG	BA	Hindi	33	25	75.76
MRECOUG	BA	Economics	46	27	58.70
MRCOMUG	BCom	Finance and Taxation	24	23	95.83
MRCHEUG	BSc	Chemistry	36	29	80.56
MCUSCBO05	BSc	Botany	28	24	85.71
MRARAUG1	BA	Arabic	25	20	80
MRHONUG	BA	HONours Economics	27	18	66.67
MRENGUG	BA	English	22	18	81.82
MRENVUG	BSc	Environmental Chemistry	23	16	69.57
MRHISUG	BA	History	45	27	60

[View File](#)

## 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://maharajas.ac.in/images/Report\\_Student\\_Satisfaction\\_Survey\\_V-2.pdf](https://maharajas.ac.in/images/Report_Student_Satisfaction_Survey_V-2.pdf)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – 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
National	Nil	Nil	Nil	Nil
International	Nil	Nil	Nil	Nil

[View File](#)

### 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
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Major Projects	365	KSCSTE	3	3
Major Projects	1095	KSCSTE	22.7	4.57
<a href="#">View File</a>				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.044

**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 Emerging Trends in Chemistry	Chemistry	07/11/2019
Two day webinar on the role of technology in the post Covid Scenario	Chemistry	28/05/2020
Save Ozone for better future	Botany	17/09/2019
National Seminar cum Workshop on Molecular Biology and Statistical tools	Botany	07/11/2019
Workshop on Natural History Museum	Botany	05/03/2020
Higher Secondary School Teachers Transformation Programme	Botany	11/10/2019
Three day National Seminar on "Research Methodology in Social Sciences "	Commerce	20/11/2020
One Day Workshop on Data Sources and Referencing for Research	Commerce	19/02/2020
National seminar on economic slowdown and policy response in India :Amacro scan	Economics	21/11/2019
Sankaleen Hindi Sahitya Mein Asmitamoolak Vimarsh	Hindi	10/10/2019
workshop on research methodology	History	18/11/2019
Introduction to Geometric Algebra	Mathematics	05/02/2020
Two day workshop on Pure and applied Mathematics	Mathematics	21/11/2019
Three Day National Workshop on Statistical Data Analysis Using R and SAS	Statistics	26/08/2019
Seven Day Workshop on Theory and Methodology of Humanities	English	18/11/2019
<a href="#">View 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
Nil	Nil	Nil	Nil	Nil

[View File](#)

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	NIL	Nil	Nil	Nil

[View File](#)

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Arabic	2
English	2
Hindi	1
Physics	1
Chemistry	1
Commerce	1
Economics	2
Malayalam	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	Zoology	1	Nil
International	Physics	10	Nil
International	Chemistry	10	Nil
National	Botany	1	Nil
International	Botany	2	Nil
National	Economics	8	Nil
International	Economics	7	Nil
National	Commerce	3	Nil
International	Commerce	1	Nil
International	Mathematics	6	Nil

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#### 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
English	3
Statistics	1
Malayalam	4
Hindi	13
Economics	1
Chemistry	3



Music	1
Zoology	3
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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
0	Nil	0	Nil
<a href="#">View 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
Green synthesis of nitrogen and sulphur doped carbon dot composites for the sensing of glucose.	Manju Fernandez, Dyna Maria, Sunish K.S, Sobhi Daniel	Materials Today: Proceedings 9	2019	Nil	Maharajas College	Nil
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Materials Letters 236, 637-639	2019	Nil	Maharajas College	Nil
White light emitting dysprosium doped CaS nanophosphors synthesized by solid state diffusion method	S Rekha E I Anila.	Materials Chemistry and Physics 237(2019)	2019	Nil	Maharajas College	Nil
Intense Yellow Emitting Bio	S Rekha E I Anila.	Journal of Fluorescence	2019	Nil	Maharajas College	Nil

compatible CaS:Eu Nanophosphors Synthesized by wet chemical method						
Effect of polyethylene glycol(PEG) on the structural and optical properties of europium doped Ca S nanophosphors synthesized by wet chemical method.	S Rekha E I Anila.	AIP Conference Proceedings	2019	Nil	Maharajas College	Nil
Combined effects of thermal barrier coating and blending of diesel fuel with biodiesel in diesel engines	Vishnu Sankara, Manoj Ramachandran, Gireeshkumar Thampi B.S. M.K. Jayaraj	Materials Today: Proceedings	2019	Nil	Maharajas College	Nil
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Materials Letters 236, 637-639	2019	Nil	Maharajas College	Nil
Influence of bath temperature on surface modification and opt	Wilson K C M Basheer Ahamed	Material Science and engineering B	2019	Nil	Maharajas College	Nil

oelectronic properties of chemical bath deposited Cds thin film nanostructures						
A novel metamaterial based bandpass filter with improved attenuation slopes and stop band performance	Gopikrishna M, Sajeev K F, Taniya Pearl E R,	Electronics Letters	2019	Nil	Maharajas College	Nil
Preparation and characterization of ZnO Nanoparticles via co-precipitation Method	S.N. Nam poothiri, Viji Chandran, E.M. Mohammed, Robin Francis	International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.8, Pages .56 - 61	2019	Nil	Maharajas College	Nil

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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
A novel metamaterial based bandpass filter with improved attenuation slopes and stop band performance	Gopikrishna M, Sajeev K F, Taniya Pearl E R,	Electronics Letters	2019	Nil	Nil	Nil
Influence of bath te	Wilson K C M Basheer	Material Science and engine	2019	Nil	Nil	Maharajas College

Temperature on surface modification and optoelectronic properties of chemical bath deposited CdS thin film nanostructures	Ahamed	ering B				
Nickel Oxide/Cobalt phthalocyanine nanocomposite for potential electronic applications	P A L Sheena, A. Sreedevi, C. Viji, V. Thomas	The European Physical Journal B	2019	Nil	Nil	Maharajas College
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Materials Letters 236, 637-639	2019	Nil	Nil	Maharajas College
Combined effects of thermal barrier coating and blending of diesel fuel with biodiesel in diesel engines	Vishnu Sankara, Manoj Ramachandran, Gireeshkumar Thampi B.S. M.K. Jayaraj	Materials Today: Proceedings	2019	Nil	Nil	Maharajas College
Effect of polyethylene glycol(PEG) on the structural and optical	S Rekha E I Anila.	AIP Conference Proceedings	2019	Nil	Nil	Maharajas College

properties of europium doped Ca S nano phosphors synthesized by wet chemical method.						
Intense Yellow Emitting Bio compatible CaS:Eu Nanophosphors Synthesized by wet chemical method.	S Rekha E I Anila.	Journal of Fluorescence	2019	Nil	Nil	Maharajas College
White light emitting dysprosium doped CaS nanophosphors synthesized by solid state diffusion method	S Rekha E I Anila.	Materials Chemistry and Physics 237(2019)	2019	Nil	Nil	Maharajas College
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Materials Letters 236, 637-639	2019	Nil	Nil	Maharajas College
Green synthesis of nitrogen and sulphur doped carbon dot composites for the sensing of glucose	Manju Fernandez, Dyna Maria, Sunish K.S, Sobhi Daniel	Materials Today: Proceedings 9	2019	Nil	Nil	Maharajas College

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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	21	161	33	17
Presented papers	22	24	1	Nil
Resource persons	5	14	10	3

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### 3.5 – Consultancy

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

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0

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

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0

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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
Distributed food to street dwellers	NSS	1	200
Contribution of flood relief materials to flood affected people of Wayanad	NSS	3	100
Water Conservation - Wick Irrigation	NSS	1	20
Swachh Bharath Abhiyan - Public Property - Our Responsibility - Beautification of Govt U.P.School for Girls Ernakulam	NSS	2	200
Swachh Bharath	NSS	10	50

Abhiyan - Litter free Campus (Valicheriyal Muktha Campus)			
Public Health Campaigns -Organ Donation and Prevention of Stroke - Campaign	NSS	10	400
Public Health Campaigns - Campus Clinic	NSS	5	25
Public Health Campaigns - Stem cell donor registration camp	NSS	1	365
Support To Training and Empowerment Programme for Women and Youth	NSS	1	100
Energy Conservation Filament free Village- Pizhala	NSS	2	100
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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
Literary	RED DAIMOND ACHIEVER AWARD 2020 (INTERNATIONAL)	NRB Foundation Bhavya Foundation, Jaipur Government Recognized Body	1
Sports	SECOND PRIZE, INTERZONE MENS CRICKET	MG UNIVERSITY	1
Sports	SOUTH ZONE INTER UNIVERSITY	MG UNIVERSITY	1
Literary	SECOND PRIZE, ESSAY WRITING	CANARA BANK	1
Quiz	FOURTH PRIZE, QUIZ COMPETITION	CUSAT	1
Elocution	FIRST PRIZE, ELOCUTION (INTER COLLEGIATE)	Nirmala College	1
Elocution	FIRST PRIZE, ELOCUTION	CANARA BANK	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
Flood relief	NSS	Contribution of flood relief materials to flood affected people of Wayanad	3	100
Women Empowerment	NSS	Support To Training and Empowerment Programme for Women and Youth	1	100
Public Health Campaigns	NSS	Organ Donation and Prevention of Stroke - Campaign	10	400
Swachh Bharat	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	PLOGGING	2	103
Adoption	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	ADOPTION OF VILLAGE/ SLUMS	2	40
Swachh Bharat	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	SECOND EDITION OF SWATCHATHA PAKWADA	2	100
Poor Home Visit	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	GOVT.OLD AGE HOME VISIT,THEVARA	2	30
Survey	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	ASHVAMEYDHAM SURVEY	2	15
Swachh Bharat	NCC ARMY WING, 21 KERALA BN NCC ERNAKULAM	SWACHATHA PAKWADA	2	20
Public Health Campaigns	NCC	Blood Donation	1	30

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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
--------------------	-------------	-----------------------------	----------



Internship	Abdul Waseem	Internal	14
Internship	Abhirami S Kumar	Internal	14
Internship	Aibel Shibu	Internal	14
Internship	Ajith S	Internal	14
ASPIRE Scholarship (M.Sc.)	Aswani B.S	Directorate of Collegiate Education	178
ASPIRE Scholarship (M.Phil.)	Cynthia Michelle Diaz	Directorate of Collegiate Education	153
ASPIRE Scholarship (Ph.D)	Juliya V Devasia	Directorate of Collegiate Education	153
ASPIRE Scholarship (Ph.D)	Glaxy Ezekel V	Directorate of Collegiate Education	153
ASPIRE Scholarship (Ph.D)	Sheba P.T	Directorate of Collegiate Education	153
Student exchange-M.Sc Project work	SREELAKSHMI.C.J	Internal	60
<a href="#">View File</a>			

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
Research	Student exchange-M.Sc Project work	COCHIN COLLEGE, ERANKULAM	01/04/2019	31/05/2019	SREELAKSHMI.C.J
Research	B.Sc. Disseration - Project Work	Centre for Water Resources Development and Management, Kunnamangalam, Kozhikode -673571, Phone : (91) 4952351800, E mail: ed@cwrdm.org	18/11/2019	28/11/2019	AnaghaMuraly, Anjana K. K., Anna Aleesha, Anu Xavier T. A., Arya Sathyan
Research	ASPIRE	St. Teresas College, Ernakulam	29/02/2020	30/07/2020	Juliya V Devasia

Research	ASPIRE	St. Teresas College, Ernakulam	29/02/2020	30/07/2020	Cynthia Michelle Diaz
Research	ASPIRE	Kannur University, Dept. of Zoology, Manathavady, Wayanad	04/02/2020	30/07/2020	Aswani B.S
Job training	Internship	FACT, Udyogamandal - 683501	30/04/2019	13/05/2019	Vishnu P Das
Job training	Internship	FACT, Udyogamandal - 683501	13/05/2019	27/05/2019	Arunkumar K A
Job training	Internship	The Travancore Cochin chemicals Ltd Udyogamandal P O, Kochi-683501	02/05/2019	17/05/2019	Divya C R
Job Training	Internship	FACT, Udyogamandal - 683501	30/04/2019	13/05/2019	Abhirami S Kumar
Job training	Internship	FACT, Udyogamandal - 683501	30/04/2019	13/05/2019	Abdul Waseem
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Central Marine Fisheries Research Institute (CMFRI)	05/01/2019	Research, Extension Training	4
Central Institute of Fisheries Technology (CIPT)	30/12/2019	Research, Extension Training	3
Cochin University of Science and Technology (CUSAT)	28/11/2017	Cooperate in the exchange of information relating to activities in research Promote interaction of students and faculties for measurement and	16

analysis Promote  
appropriate joint  
research proposals  
Promote joint  
research  
publications

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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
133659989	112344196

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	3.16	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	141924	14074240	995	547985	142919	14622225
Reference Books	14512	2017210	Nill	Nill	14512	2017210
e-Books	80410	8400	115400	5900	195810	14300
Journals	67	1190	Nill	Nill	67	1190

e- Journals	3834	5900	2458	5900	6292	11800
Digital Database	12	6900	Nil	Nil	12	6900
CD & Video	956	11345	Nil	Nil	956	11345
Library Automation	74159	1190704	Nil	Nil	74159	1190704

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

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

No file uploaded.

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	283	7	85	6	6	1	20	40	0
Added	10	0	0	0	0	0	0	0	0
<b>Total</b>	<b>293</b>	<b>7</b>	<b>85</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>20</b>	<b>40</b>	<b>0</b>

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

40 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
Online Resources Initiatives of Collegiate Education (ORICE)	<a href="https://maharajas.ac.in/index.php/content/index/orice">https://maharajas.ac.in/index.php/content/index/orice</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
34220611	30910828	99224378	81228688

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)

The college has a comprehensive and inclusive code of procedure and policy

position for the optimal utilization and effective maintenance of facilities such as laboratories, library, sports complex, computers, classrooms, auditoria, seminar halls and intellectual resources offered by the 182 strong teaching faculty as well as services offered by the administrative office.

While laboratories, library and computers (including the internet) are primarily meant for students, teachers and nonteaching staff of the college, the first two can be accessed by external researchers, enthusiasts and general public after obtaining the prior written permission of the principal. In the case of research scholars from other universities, colleges and institutions a letter of recommendation duly signed by the research supervisor or the head of the institution/department is mandatory. The sports complex which includes a state-of-the-art synthetic track and a health fitness centre is widely used for the conduct of various sport events and athletic meets at state and national levels. Nearby sports academies and aspiring athletes regularly make use of the wide spectrum of facilities and amenities offered by the college. In addition, there is regular coaching for taekwondo and fitness training for candidates trying to join armed forces and police. There is an internal committee, headed by the principal and comprising members from the teaching staff, to monitor and ensure transparency and safety in matters relating to the sports complex. The college has one auditorium, four seminar halls and three gallery classrooms with permanent power, acoustic systems, projection facilities and extensive seating capacity. The auditorium is rented to public organizations, strictly following the terms and conditions laid out by the college. Other spaces are meant for the departments and internal organizations to conduct academic/cultural programs. The department/organization which needs a space has to book the same well in advance with the principal through a written request or with the person designated by him/her. There is a room allotment committee headed by a senior teacher which ensures fair and equitable distribution of classroom. Smart classrooms are used by a batch after getting permission from the head of the department concerned.

<https://maharajas.ac.in/index.php/content/index/policies-and-procedures>

## 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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Central sector scholarship	40	200000
b) International	Nil	Nil	Nil
<a href="#">View File</a>			

#### 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 implementation	Number of students enrolled	Agencies involved
3-day workshop on SAS R	25/09/2019	28	Directorate of Collegiate Education, Thiruvananthapuram

Workshop on Molecular Techniques and Statistics (Molecular Skill Enhancement)	14/08/2019	30	Nill
Training in Cursive Writing	22/10/2019	60	In cooperation with Mr. Abdul Vahab , Calligraphy Trainer, Kozhikode Mob:9447219423
<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	Career Guidance and Counselling- Physics	Nill	60	Nill	Nill
2019	A class on Career in Banking sector by Mr Dinu Jose, Chief Manager, SBI. Date of Programme- 19/12/2019 -Botany	Nill	30	Nill	Nill
2019	Career Guidance Programme - Arabic	Nill	40	Nill	Nill
2019	NET/GATE/JAM/CAT Coaching - Physics	17	Nill	Nill	Nill
2019	Coaching for NET Examination- Arabic	14	Nill	Nill	Nill
2019	Coaching for Competitive Examination - Arabic	14	Nill	Nill	Nill
2019	UGC NET	20	Nill	Nill	Nill

	Coaching -Malayalam				
2019	Guidance for competitive examinations (NET)-Physic s	16	Nill	Nill	Nill
2019	Guidance for competitive examinations (JAM)-Physic s	Nill	Nill	Nill	Nill
2019	Career guidance programme, LDC and KAS awareness class	Nill	60	Nill	Nill
<a href="#">View File</a>					

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
50	50	10

## 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
multiple companies	500	200	Nill	Nill	Nill
<a href="#">View File</a>					

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
2019	1	B.A HONOURS	ECONOMICS	AMBEDKAR UNIVERSITY OF DELHI	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	CENTRAL UNIVERSITY ,KASARGOD	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	COOPERATIVE TRIANING COL	HDC&BM

				LEGE, ERNAKULAM	
2019	2	B.A HONOURS	ECONOMICS	CUSAT	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	DELHI UNIVERSITY	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	HCU, Hyderabad	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	IGNOU	MA ECONOMICS
2019	1	B.A HONOURS	ECONOMICS	INSTITUTE FOR CAREER DEVELOPMENT, KOLLAM	UNDERGOING BANK COACHING
2019	1	B.A HONOURS	ECONOMICS	LEVINSOFT COMPUTER CENTRE, 0484-2301099	PGDCA
2019	1	B.A HONOURS	ECONOMICS	RACE, KOCHI	UNDERGOING SSC COACHING
<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	30
SET	1
GATE	4
Civil Services	1
Any Other	19
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
essay writing competitions English ("Alienated"), Malayalam ("Anyavalkkarikkapettavar") and Hindi ("Haashiyekrith").	college	100
MG university Intercollegiate football competitionuniversity	university	160
Intermural competition-Hockey	College	60
intermural competition-tug of war	college	300
intermural competition-chess	college	50



Intermural competition- Cricket	college	100
Intermural competition- Football	college	300
MGUniversity hockey tournament	university	50
"Pride Maharajas"	college	100
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Participation	National	Nil	Nil	3291	Rinshad M.R
2019	Participation	National	Nil	Nil	4419	Nikhil P Joseph
2019	Participation	National	Nil	Nil	4740	Kishore Kumar
2019	Participation	National	Nil	Nil	3286	Nakson Rahul
2019	Participation	National	Nil	Nil	3100	Saheer Iqbal
2019	Participation	National	Nil	Nil	3088	Yadhu Krishnan KK
2019	Participation	National	Nil	Nil	3020	Nikhil T
2019	Participation	National	Nil	Nil	5591	Muhammed Nijad N V
<a href="#">View File</a>						

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

The Students' College Union election was held on August 21, 2019. After the oath taking ceremony presided over by the returning officer Dr. Jolly V. Antony, the newly elected union took their office charges on the second of September, 2019 under the leadership of chair person Divya V.G. In the first meeting with the Principal, a new initiative of the union to enlarge its number by including representatives from transgenders, Sports and Research scholars was launched. Thus Daya Gayathri became the first transgender representative, Althaf K.N., the Sports representative and Shelley, the Research Scholars representative. The first programme of the College Union was the colourful Onam Celebration on the 5th of September, 2019 with variety programmes like pulikkali, kaikottikali, dress code competition etc clubbed with Teachers' day celebration by honouring Principal, Vice principal, Rohini teacher and Staff Advisor. On the 20th of September, 2019 the college union in collaboration with the Department of Malayalam, organized a seminar "Vakkukal Kondulla Prathishedham" (Dissent using Words) which was inaugurated the versatile

veteran dignitary, Prof. M.K. Sanu. Sessions on "Mathrubhaasha- desheeyathayum upadesheeyathayum by M.R. Surendran Library Council District Secretary and M. Swaraj M.L.A. in the AN "Janaadhipathyavum fascisavum" by M. Swaraj, M.L.A. followed. On September 25, 2019, Creative Writing Club was inaugurated by the renowned Malayalam poet S. Joseph, who is also our Head of the Department of Malayalam. On September 27, 2019, Theatre club and Mirror film club inauguration was done by Dr. Indu Velsar. On December 11, 12 and 13 of 2019 Arts Day "Thottakkam" was conducted in which various stage item competitions were organised. Competitions were conducted in five stages. The main stage was arangu in centre circle named as BPCL. The other stages were English Main Hall, Malayalam Hall, Chemistry gallery and Zoology gallery. They were named as Air India, Indian Railway, Cochin Ship Yard and BSNL. The requiem sung for the public sector privatization got media attention and news in various newspapers and news channels. In collaboration with the Women Cell of the College, the Union devoted a day for the transgender friends of our campus. The event titled "Pride Maharajas" was made more meaningful by the Dwaya group who performed ramp show and a play portraying the everyday touching lives of the transgenders, "Parayaan Maranna Kadhakal". During the 2019 floods, students our college volunteered their services in the College Relief camps as well as in cleaning affected places, buildings etc and collection and distribution of necessary goods for the needy people. The students' union has also been keen to raise funds for charitable purposes like fund for medical treatments of poor people and students. A meticulous service is provided for blood donation. For this purpose a Blood Directory is prepared and Convenors are assigned charges to maintain the function of this programme. As always the greatest glittering programme organized by the Union is the ardent participation in mahatma Gandhi University Youth festival. This year our college participated in 7 group items and 49 individual items. There were 112 participants in total. With 97 points our college became Runners Up in the "Article 14" Kalolsavam held at Al Azhar College, Thodupuzha from 28 February 2020 to 2 March 2020.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College in general and all the Departments in particular have alumni. However only five of them are registered, and they conduct regular executive meetings and plan various welfare activities. They are Old students Association of Maharajas (OSA) Alumni of Maharajas College (AMC) MAPS of Physics Department MAMATHA of Mathematics Department Maharaja's College Chemistry Alumni. OSA has provided endowment scholarships to meritorious students and also shoulders the responsibilities of funding needy students. All departments have an active alumni group which addresses issues of common good, especially encouraging students in academics as well as all kinds of events which shall let the students turn out as better global citizens. Physics Department Alumni (MAPS) organized a Motivation / Counselling class for final year students. Other activities of Physics department alumni includes distribution of Fanny Pallan Endowment awards to best performing UG students and Sathy Menon Memorial Endowment awards to PG students Mathematics Department Alumini (MAMTHA) also conducts various programmes for the Department. Maharaja's College Chemistry Alumni gave various endowment awards for academic excellence, extra-curricular activities and for the disabled.

5.4.2 – No. of registered Alumni:

5

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

## 5.4.4 – Meetings/activities organized by Alumni Association :

The activities of the Maharajas Physics Alumni Association started with the inaugural seson of the Stephen Hawking Memorial Lecture series. The inaugural lecture series was delivered by Dr.N.Shaji, Rtd Principal, Govt.College Manimalakkunu on 2nd September 2019. The topic of his lecture was Bending of Light. The next session of the lecture series was the talk delivered by Sreehari.S on the topic Making of Einstein on 10th September 2019. The third lecture series was introduced by Amithkumar.S on the topic General Theory of Relativity- An introduction on 16th September 2019. MAPS arranged scholarships for the meritorious students of the Department. Two Scholarships are introduced by MAPS. One is Fanny Pallan memomrial Endowment and the other is Dr.SathyMenon Memorial Scholarship Alumni Association of the Maths department MAMATHA conducted the fifth lecture in the series "K.S.S Nambooripad Endowment Lecture" titled "Introduction to Geometric Algebra" on 5th February 2020 in the department of Mathematics.Lecture was handled by Dr.M.Jathavedan, Emeritus Professor, Department of Computer Applications ,CUSAT.The Zoology Department also conducted an alumni meet via google meet and announced an introduction of endowments to meritorious students of the department .New office bearers were chosen and initiative to gear up activities of the alumni was taken. Retired faculty of the department also participated in the meeting . The department of English organized a session to commemorate the death of Dr Sujatha and Dr Hridaya Kumari Retired faculty and poet.A programme was organised to mourn the death of Prof Manjooran who was a member of faculty and student of the colleges.Faculty and the old students came together to share their memories about their beloved teacher. .

**CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 – Institutional Vision and Leadership**

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

The college functions under the Director of Collegiate Education of the Department of Higher Education, Government of Kerala. The Principal leads the institution in implementing the curriculum with the help of the Heads of Departments (HoDs) and the Department Councils. The responsibilities of the teachers are assigned during college/department level staff meetings. The HoDs gather information from staff members and students and convey these to the principal. In making decisions, the head of the institution makes decisions based on the inputs obtained from IQAC, UGC Cell, Alumni Associations, College Union and student organizations. The institution encourages and supports the involvement of the staff for improvement of the effectiveness and efficiency of the institutional processes. The Principal, aided by the College Council, holds the executive power of administration. The governing council, aided by the academic council, directs the college in academic matters under the academic autonomy granted by the UGC. The College Development Council headed by the District Collector looks after the welfare of the college. The PTA headed by the Principal and elected representatives helps the college in all developmental and student-related aspects. The college promotes participatory management ensuring the involvement of all stakeholders, viz., students, parents, staff, alumni, university representatives, etc. This is done through:

- the concerted effort of the Principal for personal interactions with faculty members and students
- Periodic meetings of parents and faculty advisors
- Regular departmental meetings involving HoD and faculty members (keeping in view the creative suggestions of students and parents)
- General staff meetings involving Principal, teaching staff and non-teaching staff
- Constitution of

Board of Studies with due representation of all stakeholders • Elected College Council for making policy/administrative decisions (the body meets at least once in a month) • Ensuring democratic mode of election of student representatives • Meeting with democratically elected student union members

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	18 Departments are Research centres with 206 scholars pursuing research under 99 research guides. The College is a recognized centre under M.G University to offer course work for PhD scholars. The research departments are allowed to pursue research projects. • The institution provides infrastructural support for the faculty members to conduct various research programmes in collaboration with reputed outside agencies. For instance the Department of Botany conducts a the project entitled "Spot Identification of Harmful/Toxic Algae from Fresh Water and Marine Habitats using Foldscope" sanctioned by the Department of Biotechnology, Govt. of India. • The scholars have to present the progress of their research once in every three months.
Research and Development	18 Departments are Research centres with 206 scholars pursuing research under 99 research guides. The College is a recognized centre under M.G University to offer course work for PhD scholars. The research departments are allowed to pursue research projects. • The institution provides infrastructural support for the faculty members to conduct various research programmes in collaboration with reputed outside agencies. For instance the Department of Botany conducts a the project entitled "Spot Identification of Harmful/Toxic Algae from Fresh Water and Marine Habitats using Foldscope" sanctioned by the Department of Biotechnology, Govt. of India. • The scholars have to present the progress of their research once in every six months.
Library, ICT and Physical Infrastructure / Instrumentation	The Central Library is located on the main campus with 110541 available books. The library subscribes 16

periodicals and 12 newspapers. The library is equipped with Library Automation software ILMSCOHA provides a user-friendly interface. The library facilitates Web - OPAC remote access to users. • Subscription to NList of INFLIBNET provides access to more than 6000 journals and 90,000 ebooks. The college has an advanced playground with a 400-meter synthetic track and FIFA approved football field. • The institution maintains Volleyball Court, Basketball Court, Cricket Nets, Gym and facilities for practicing wrestling and judo.

Human Resource Management

The teachers are appointed by the state PSC. In addition to academic activities, to promote skills and social responsibility of the students, the college undertakes several programmes and initiatives under the banner of NSS, NCC and various clubs. • To improve the quality of teaching and administration, both the teaching and nonteaching staff are permitted to undergo special training programmes and workshops organised by the government and the universities. • The teachers are free to avail themselves of FDP to pursue their doctoral research. • The newly appointed faculty members get the opportunity to participate in special training programmes under the the government initiated the FLAIR scheme.

Industry Interaction / Collaboration

Research departments of this college promote research collaboration with national and international institutions/industries. The Department of Botany has ongoing research collaboration with the Malabar Botanical Garden and Institute for Plant Science, Calicut through their KSCSTE funded project entitled "Taxonomic Evaluation and Conservation of Lichens of Kerala, India". Dr. Ajay Verghese, Assistant Professor of Political Science, from The University of California, USA is associating with the Department of Political Science for pursuing his research work in India. The college has signed a Memorandum of Understanding for facilitating student's training and postgraduate research with Central Marine Fisheries Research Institute, Kochi in January 2019. • The institution provides infrastructural support to the faculty

	members to conduct various research programs in collaboration with reputed outside agencies
Admission of Students	College adheres to the admission policies of the Government of Kerala and Mahatma Gandhi University. The institution ensures access and support to students from all sections of society. • To ensure efficient and transparent admission process, the student admission is conducted via online with the help of a rank list prepared by the National Informatics Centre (NIC).
Teaching and Learning	The college provides a congenial environment for teaching and learning aiming at transmission of knowledge, imparting skills and values. The college has 178 permanent teaching staff, 81 nonteaching staff and 2446 students. Out of 178 teaching staff 99 are PhD holders. • The college has a very good tutorship system. • Special initiatives like Walk with a Scholar and Student Support Programme help the students to enhance their learning abilities and special aptitudes. • Students are given free coaching for various competitive exams like NET, GATE, PSC and UPSC. • The college has free WiFi connection provided by the government of Kerala.
Curriculum Development	Maharaja's college is a government autonomous institution affiliated to Mahatma Gandhi University. It offers 56 programmes in arts, science and commerce including 18 UG programmes, 21 PG programmes and 17 PhD Programmes. The College was granted autonomy in 2015. The autonomy status enables us to restructure our syllabus so as to promote needbased, industryrelevant and societydriven courses. • To include the recent trends and developments in the field of academics we conduct syllabus revision every three years. • We conduct workshops, field trips and industrial visits every year to make the students aware of the current developments in various academic fields.

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

E-governace area	Details
Planning and Development	The college has implemented e-governance in planning and development

using Bill Information and Management System (BiMS). It is an eBill portal for Claim Settlements by Drawing and Disbursing Officers (DDOs). The DDOs can prepare online contingent bills and e-Submission to the treasury through BiMS. Various funds allotted to the college via RUSA/UGC are channeled through BiMS. There will be a fair procedure in approving and distributing funds for projects. Every proposal is discussed and approved by the Planning Committee, College Council and finally by the Governing Council.

Administration

The administrative matters are managed entirely through the Digital Document Filing System (DDFS). It enables fast transaction of files, as well as a quick and transparent process of decision making, far better than before. It has been put under the purview of RTI to ensure transparency of the administrative processes.

Finance and Accounts

The finance and accounts including the salary and service details of the employees of the college are managed through the Service and Payroll Administrative Repository for Kerala (SPARK). The whole process of financial transactions are constantly monitored and evaluated by the Accountant General of India.

Student Admission and Support

To ensure transparency in the admission process, the application and admission procedures are conducted via online from a rank list prepared by the National Informatics Centre. There is an active redressal mechanism allowing the students to post their complaints with regards to the admission process. The elected college union also provides assistance to students during admission. The students are given various scholarships which include the Post Matric Scholarship for minorities, Central Sector Scholarship, State Merit Scholarship, Snehapoorvam Scholarship, Higher Education Scholarship and Prof. Joseph Mundassery Scholarship for minority welfare. The college has a Counseling Cell offering the service of a specialized therapist to support the students. The institution maintains hostels for boys and girls students and admission to the hostels is done as per established government rules.

<b>Examination</b>	<p>The Examination wing of the college is headed by a Controller of Examination. Examinations are conducted as per the schedule based on the yearly academic calendar. The entire examination process is done online via NIC. Question papers for external examinations are prepared by a panel of external experts. There will be a third-level evaluation if students demand reevaluation. A provision for reexamination is also available for the students who lost their chance to appear in final and supplementary exams.</p>
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### 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	Nil	Nil	Nil	Nill
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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	Two day webinar on the role of technology in the post Covid Scenario	NIL	28/05/2020	29/05/2020	100	Nill
2019	workshop - Theory and Methodology of Humanities	NIL	18/11/2019	25/11/2019	5	Nill
2019	Three day National Seminar on "Research Methodology in	NIL	20/11/2019	22/11/2019	85	Nill



	Social Sciences " Sponsored by DCE					
2019	One Day Workshop on Data Sources and Referencing for Research	NIL	19/02/2019	19/02/2019	45	Nill
2019	Foundations of Statistical Mechanics Celebration of 125th Birth Anniversary of S.N. Bose.	NIL	14/11/2019	15/11/2019	40	Nill
2019	Three Day National Workshop on Statistical Data Analysis Using R and SAS	NIL	25/09/2019	27/09/2019	40	Nill
2019	Higher secondary School Teachers Transformation Training Programme	NIL	11/10/2019	20/10/2019	40	Nill
<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
FACULTY DEVELOPMENT PROGRAMME	20	Nill	Nill	Nill
SHORT TERM COURSE	14	Nill	Nill	Nill
REFRESHER COURSE	26	Nill	Nill	Nill
ORIENTATION PROGRAMME	6	Nill	Nill	Nill

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
181	181	81	81

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff club, Employees co-operative society with banking facilities, 2. Day care centre, 3. Subsidised canteen facilities	Staff club, Employees co-operative society with banking facilities, 2. Day care centre, 3. Subsidised canteen facilities	Co-operative Society store for stationary and other related requirements, 2. Hostel facility, 3. Placement Cell

**6.4 – Financial Management and Resource Mobilization**

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

Both internal and external audits are conducted every year. Internal audits are conducted once in a financial year by the PTA. External audits include the Accountant General, Director of Collegiate Education, Chartered Accountant audit of UGC and RUSA funds.

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
Fany Pallan Endowment AND Dr.Sathy Menon Endowment	16000	Scholarships for students

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6.4.3 – Total corpus fund generated

0

**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	No	Not Applicable	Yes	Academic Monitoring Committee
Administrative	Yes	Government Audit	No	Not Applicable

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

1. Providing scholarships for meritorious students. 2. Noon feeding for marginalized students. 3. Award night recognizes the achievement of students and staff annually

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

1. Equality, Diversity, and Inclusion center. 2. Talent development strategy.  
3. Research office.

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

1. Initiates promoting research among faculty members. 2. Information management system. 3. Improvement and maintenance of infrastructure and providing greater sports facilities need to be urgently undertaken.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	National Workshop on Quality in Higher education :Issues policies and programmes	17/02/2020	17/02/2020	17/02/2020	200

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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
Seminar on infectious diseases and women	18/09/2019	18/09/2019	150	250
Inauguration of Women's Cell and talk by Smt. Thanuja Bhattathiri, discussion and Flash mob	07/11/2019	07/11/2019	65	45
Gender Stereotype: Regional Seminar conducted by Department of Seminar	12/11/2019	12/11/2019	40	20

Discussion on gender neutral society in assoicaiton with Ayanika WMHO	03/12/2019	03/12/2019	43	32
Discussion on Rights to Transgender	06/12/2019	06/12/2019	28	22
Women Protection laws : Procedures and Challenges- Talk by Smt. Salini R (District Programme Coordinator, Mahilasamakhya, Pthanamthitta	10/12/2019	10/12/2019	63	32
Support to training and empowerment programme for women from Pizhala village: Provide training to make 10 toiletry items (soap, detergent, lotion, dish wash, tooth powder etc), umbrella , paper bag, paper pen, cloth and LED bulbs repairing. making	20/12/2019	26/12/2019	65	35
Women's Day celebrations : Flash Mob at the campus	08/03/2020	08/03/2020	200	50
Self defence training to girls: Women Police Cell Ernakulam	23/12/2019	23/12/2019	65	Nil
Gender awareness programme:	20/01/2020	30/01/2020	850	350



2019	1	1	23/07/2019	1	Swachharatha mission: School visit and awareness on cleanliness	Door to door visit Cheranallur panchayat	36
2019	1	1	24/07/2019	1	Swachharatha mission: School visit and awareness on cleanliness	Door to door visit by NCC cadets: Mulavukad panchayat	35
2019	1	1	27/07/2019	1	Swachharatha mission: Beach cleaning	Cleaning Fort Cochi beach by cadets of NCC Army wing	34
2019	1	2	02/07/2019	1	Swachathaprogramme	Campus cleaning	36
2019	1	2	03/07/2019	1	Swachathaprogramme	Campus cleaning	36
2019	1	1	03/07/2019	1	Blood donation: NCC cadets to Indian Medical Association	Awareness on blood donation	35
2019	5	5	05/06/2019	10	Plant a tree challenge	200 saplings planted	200
2019	2	2	11/06/2019	2	Swachh Bharath Abhiyan: Litter free Campus-Fixing pen boxes in various parts of campus	Managing non-degradable waste in the campus	45
2019	1	1	17/07/2019	1	Distribution of study	Provide access to education	20

					materials to economically backward students of UP School, Pizhala		
2019	1	1	20/07/2019	1	Swachharatha mission	Campus cleaning	35
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#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Handbook Maharajas College Ernakulam,	20/08/2019	<p>The Maharaja's College Handbook is the primary resource for academic policies and procedures for students and faculty. The printed version of the handbook is available at the college store. All students are responsible for acquainting themselves with the contents of the handbook. It describes opportunities for involvement of students and expectations while they are part of our community. The handbook, at the very beginning, depicts the long and rich history of the college and the succession list of principals and college governing council chairman. It explains major rules and regulations of the college</p>

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

Activity	Duration From	Duration To	Number of participants
Observe Environment day	05/06/2019	05/06/2019	200
Public Property - Our Responsibility- Cleaning and beautifying Govt. UP School Ernakulam	08/06/2019	08/06/2019	101
Sujathadevi Anusmaranam:	23/06/2019	23/06/2020	25

Planted trees			
Swachh Bharath Abhiyan: Litter free campus	11/06/2019	11/06/2020	45
Swachh Bharath Abhiyan: Campus cleaning	09/07/2019	10/07/2019	48
Meal a day provided lunch to 50 street dwellers	01/07/2019	01/07/2019	65
Boat of thanks: Token of gratitude to fishermen community who had involved in rescue operation during last year flood	15/07/2019	15/07/2019	25
Ramayana Month Celebration	17/07/2019	18/08/2019	85
independence day celebrations by NSS volunteers, all wings of NCC	15/08/2019	15/08/2019	250
Sanskrit Day celebrations	22/08/2019	22/08/2019	65

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

Students themselves engage in cleaning the campus and removing waste from the campus. The students prepared cardboard pen boxes and installed at the staff room and classrooms, office rooms and other college premises. Disposal of waste in the source- The accumulated waste is segregated into green and non-green. Biowaste is converted into biogas that is used in the college canteen and slurry is used for vegetable cultivation. Popularize plastic-free campaign and execute the policy by introducing the use of sustainable materials. Popularise the use of bicycles among the staff and students. Introduced Wick Irrigation Technology that requires water refilling once in 10 days which is very convenient for vegetable cultivation in educational institutions. A vegetable garden with 5 different vegetable was set up with wick irrigation in the campus.

#### 7.2 – Best Practices

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

**Best Practice 1 Gender Specific Programmes** The gender specific programmes of Maharaja's College envision a holistic gender specific approach in education and campus community life. The campus has always been to the fore in following an inclusive approach to address the needs of the students from the excluded and the disadvantaged communities irrespective of sex, color, cast and wealth.

**Objectives:**

- To promote gender specific approach and gender equity in all walks of campus life.
- To prepare ground for voicing the issues of students from transgender community and address their basic needs.
- To introduce gender empowerment programme with the primary emphasis to transgender community.
- To enhance the safety and wellbeing of the transgender community in the college.



The Context: Maharaja's college is on track to develop gender specific approach among the campus fraternity so that a young generation can be brought up without any stigmas of discrimination based on the gender or sex of an individual. Maharaja's college can proudly claim as the first college in Kerala to welcome the transgender students. In all institutions, the transgender community face stigmas and discrimination. The antagonistic attitude of the society forces the transgender to discontinue their education resulting in high dropout ratio. The college, in view of shortage of their attendance in classes, initiated to identify their key issues and to bring them back to education and extra-curricular activities. The Practice 1. Awareness talks: Women Cell in the college organises awareness programmes and lecture sessions to spark on the ways to attain gender empowerment in the society. It prepared a platform for expressing grievances and unpleasant experiences that transgender students encounter in the society. The transgender students addressed the students of 18 departments separately under the auspices of Women Cell. These programmes served as an eye opener to students, teachers and staff to acquaint with the hard realities of their life. 2. Lecture series: A series of lectures were organised to orient the campus community make the college a comfortable hub for them. 3. International Transgender Day Celebrations: The 20th of November was made memorable by honouring victims, celebrating transgender success and raising awareness of worldwide discrimination faced by them 4. Seminar: A National Seminar was organized to bring in diverse people and different issues among the transgender community to a common platform. With the enthusiastic participation of NGOs and activists, the seminar discussed issues related to human rights, law, social exclusion etc. and suggest ways to redress these issues. 5. International Transgender Day Celebrations: The 20th of November was made memorable by honouring victims, celebrating transgender success and raising awareness of worldwide discrimination faced by them. 6. Women Cell decided to celebrate a particular day in the academic year exclusively of transgender community. 7. Staff and all student functionaries celebrated International Women's day by organising Rallies, exhibitions and discussions on March 8th 2021 Evidence of Success 1. The continuing discussions could a great extent help to inculcate an gender neutral approach among the campus community.

The community became aware of removing the social stigmas imposed on the transgender community. 2. Generally, the financial background of transgender students is poor and they struggle to meet means of livelihood and coerced to discontinue their courses. In this context, Women Cell under the sponsorship of some teacher offered lunch to these students in free of cost with the intention to sustain them in the campus life. 3. Maharajas under the auspices of Women Cell, Student Union and Dhwayah (Transgender Movement) opened its doors to conduct a cultural programme exclusively of transgenders under the banner Pride Maharaja's during the month of January 2020. They performed dances, songs, skit, fashion show, etc. and captured the entire audience. Preparatory work to Pride Maharajas raised their interaction with the campus and elevated their status. 4. Using PTA fund, the college constructed unigender toilet block and it was a novel concept in campus life of Kerala and it greatly helped to inculcate the spirit of gender neutrality. Best Practice 2 Student for Change: Capabilities to Community Empowerment- Students with immense capabilities look for change and they can be put to the benefits of the society. Our college missions to explore the capabilities of student force for empowering the society for change. Objectives: 1. To nurture the holistic development of students by exploring their capabilities and actively involving in community services for the progress of the disadvantaged and underprivileged sections. 2.

To develop eco-friendly attitude among students for preserving natural resources and clean environment. 3. To empower the local community by improving quality of their life forging change 4. To educate the community to lead clean and plastic free life and 'avoid unsustainable practices'. 5. To cultivate a sense of compassion to the disabled. Context Maharaja's college imbibes the

spirit of expressing opinions and extend whole-hearted support in all endeavours that lead to empowerment and change. The holistic development of a student is incomplete so long as he or she keeps away from the society. The students hailing from nuclear families of diverse background seldom get opportunities to acquaint with the real world and the society. Maharajas College, a hub of students from diverse backgrounds, find it necessary to provide opportunities to make the students to learn life beyond contours of syllabus so that students can gain transferable resources and skills. The Practice Students themselves engage in cleaning campus and removing waste from the campus. The students prepared cardboard pen boxes and installed at staff room and class rooms, office rooms and other college premises. Now the campus community have a regular practice of disposing pens to the pen boxes and the amount of litter was considerably reduced. Numerous blood donation groups that donate blood to the General Hospital, Government Medical College, Ernakulam and private hospitals function among the students under the leadership of College Union and various student organisations. Moreover many student organisations conduct blood donation camps in the college. Food packets are collected and distributed at the General Hospital, Ernakulam once a week by various student organizations through programmes such as Patheyam (Way Ahead), Pothichoru (Food from Home), which instil the priceless values of sharing and caring among the students. Students popularised the use of LED bulbs within the campus and local community. A survey was conducted in nearby village and they replaced incandescent bulbs by LED bulbs and declared that village as Filament Free Village. They popularised use of organic products and sustainable practices in the campus and campus. The proportion of differently abled students in the campus is 1:50. The campus community assists every differently abled student with utmost care and pleasure. The scribe club in the college helps the differently-abled students in accessing notes and materials and writing exams. The college has set up ramps, toilets with support features, digital library for them. Assistive laptops and software, e-books and e-journals are provided to them Evidence of success 1. The involvement in diverse activities help themselves to develop their knowledge and dexterity in different contexts. These initiatives help to sensitise them about how people around the campus live and how they perceive the college. 2. The college could create a congenial environment for accommodating differently abled students in academics, arts and student politics. 3. Gender specific studies are included in the curriculum of social sciences and humanities. 4. The campus inculcates the spirit of volunteering that makes them to stand with freedom to express for the cause of justice and integrity. 5. The alumni of the college occupies significant posts in all the social, cultural and political spheres.

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

[https://maharajas.ac.in/images/Best\\_Practice.pdf](https://maharajas.ac.in/images/Best_Practice.pdf)

### 7.3 – Institutional Distinctiveness

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

The Lungs of the City In the heart of the city, the college is greatly blessed with the splendour of green lush embracing the bliss of nature. This educational institution with a history of nearing 150 years is accorded as the Lungs of the City. It hosts a plethora of environment related activities for preserving its natural resources. The distinctive feature of this greenery is that it is managed scientifically with updated records. The Department of Botany maintains very old Botanical Garden and it preserves and displays a wide range of plants labelled with their botanical names. Along with the Department of Botany, student functionaries such as NSS, NCC, Union, Nature Club, Science

Forum etc. engage in activities reducing risk to the environment. NSS and NCC wings clean the campus and its surroundings in alternative weeks and these functionaries relentlessly work for the cause of environment protection. The Department of Botany maintains a Biodiversity Register and updates the records of new plants. Environmental chemistry, environmental economics and sustainable development are included in curriculum. The college during 2019-20 was recognised as the best NSS unit and won the award for the best NSS programme officer by the Mahatma Gandhi University for its eco-friendly activities. The college was awarded Paristhikam, one year project on air pollution, sponsored by the Government of Kerala during this period. Various departments offered workshops on environmental management and sustainable development to faculties and research scholars. The college has taken up rain water harvesting as a mission to store water and to withstand water scarcity in the future. The food waste is composted and converted to biogas for cooking in the college canteen. For long years, there has been practicing the system of segregating the waste into degradable and non-degradable waste and compost the degradable waste into the campus itself. Wick irrigation technology in vegetable cultivation was executed in the campus. It is only necessary to fill once in 10 days and this technology is very useful in educational institutions. The student functionaries such as National Service Scheme, NCC, Nature Club, etc. engage in preserving natural resources and conserving energy sources within the campus and the community.

Provide the weblink of the institution

[https://maharajas.ac.in/images/Institutional\\_Distinctiveness.pdf](https://maharajas.ac.in/images/Institutional_Distinctiveness.pdf)

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

The Internal Quality Assurance Cell, Maharajas College prepared the plan of action for the academic year 2020-21 foreseeing the overall development of the institution and the better progression of its stakeholders. Curricular Aspects: The preparatory work has started for the detailed curriculum design and development of the new courses the College had applied for sanction from the Government. Foreknowing the covid situation, a strategic plan has been designed for the Institution. By studying the need of the hour, new Value-added courses are designed, giving importance to employability/entrepreneurship/ skill development, for the forthcoming academic year. An initiative to introduce graduate attributes with benchmarking is visualised. Under the heading Teaching-Learning and Evaluation the major plans are 1. Increase the number of enrolments during the next academic year 2. Introduce scientific methods to assess the learning level of the students and hence to identify slow and advanced learners. 3. organize special programs for slow and advanced learners 4. Initiatives to increase the pass percentage of students in the pandemic period. 5. Various initiatives to provide deeper insight to faculty members about outcome-based education. 6. Train the faculty members for the effective usage of ICT tools 7. Implementation of full-fledged LMS. 8. Train teachers for e-content development Research, Innovations, and Extension 1. Initiative to start a multidisciplinary Journal from Maharajas Research centre. 2. A publication wall in the College to exhibit the publication of teachers and students 3. Initiatives to increase the revenue from consultancy services 4. Upgradation of every department in the College as a Research centre 5. Webinars of research scholars as part of their half-yearly progress report submission process 6. Signing of Functional MOU with national and international institutions Infrastructure and Learning Resources: 1. Upgradation of more classrooms and seminar halls as ICT-enabled classrooms. 2. Initiative to make the e-resources available to all students. 3. wi-fi enabled campus 4. Digitalization of rare books in the library. 5. Infrastructure development for setting up a studio for E-content development. 6. sports complex to develop an integrated sports culture among students and faculty. The facility will act as a venue for national and international sports events, and promote

sports enthusiasts across the country. 7. Heritage Museum in Maharaja's College which has an exquisite collection of priceless articles, photographs, and rare documents. Student Support and Progression: 1. Placement drive in the campus 2. Initiatives to start a local chapter of Swayam portal Governance, Leadership and Management International webinar series to be organised by all the departments Institutional Values and Best Practice: 1. Initiatives to reduce the carbon footprint of the college 2. Solar panel to be placed on top of every building for self-sufficient energy production 3. Maintenance of the rainwater harvesting system in the college.