

MUTHAYAMMAL
COLLEGE OF ARTS & SCIENCE
Rasipuram, Namakkal Dt. Tamil Nadu



To
The Director
National Assessments and
Accreditation Council
Bengaluru

**ANNUAL
QUALITY
ASSURANCE
REPORT
(2018-2019)**



MUTHAYAMMAL
**COLLEGE OF ARTS
& SCIENCE** | Learn.
| Lead
A UNIT OF **VANETRA** GROUP
ESTD 1994

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MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE -RASIPURAM

The Annual Quality Assurance Report (AQAR) of the IQAC

For the Academic year. *(July 1, 2018 to June 30, 2019)*

Part – A

Data of the Institution

1. Name of the Institution

**MUTHAYAMMAL COLLEGE OF ARTS
& SCIENCE**

- Name of the Head of the institution : **Dr. R. SELVAKUMARAN**
- Designation : **PRINCIPAL**
- Does the institution function from own campus : **YES**
- Phone no./Alternate phone no. : **04287-222137/226763**
- Mobile no. : **+91 9965587437**
- Registered e-mail : **admin@muthayammal.in**
- Alternate e-mail : **principalarts@muthayammal.in**
- Address : **KAKKAVERI POST**
- City/Town : **NAMAKKAL DISTRICT**
- State/UT : **TAMILNADU**
- Pin Code : **637408**

2. Institutional status:

- Affiliated / Constituent : **Affiliated**
- Type of Institution : **Co-education**
- Location : **Rural**
- Financial Status : **UGC 2f and 12 (B) /Self Financing**
- Name of the Affiliating University: **Periyar University, Salem, Tamilnadu, India.**
- Name of the IQAC Co-ordinator : **Mr. S. SANTHOSH**
- Phone no.
Alternate phone no: **+91 8428529958**
- Mobile: **+91 8056213809**
- IQAC e-mail address: **iqac@muthayammal.in**
- Alternate Email address: **info@muthayammal.in**

3. Website address: <http://www.muthayammal.in>

Web-link of the AQAR: (Previous Academic Year):

<http://muthayammal.in/AQAR2018-19.doc>

4. Whether Academic Calendar prepared during the year? **Yes**

Yes/No....., if yes, whether it is uploaded in the Institutional website: **Yes**

Annexure I: Weblink: <http://muthayammal.in/Mcas%20Staff%20cal%2018-19.pdf>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.04	2015	from:03.03.2015 to: 02.03.2020

6. Date of Establishment of IQAC: DD/MM/YYYY: **21/03/2011**

7. Internal Quality Assurance System**7.1 Quality initiatives by IQAC during the year for promoting quality culture**

S.No	Item /Title of the quality initiative by IQAC	Date & duration	Number of participants /beneficiaries
1	Annual Quality Assurance report(AQAR) to NAAC of the IQAC meeting for the Academic year 2017-18	28.07.2018	All Staff
2	Swachh Bharath Summer Internship (100 Hrs) Program Meeting Regarding	02.08.2018	20
3	Registration of India Ranking-2019 NIRF Meeting	12.09.2018	25
4	Unnat Bharat Abiyan (UBA)2.0 village adoption program	19.09.2018	21
5	ARIIA-2019 Ranking Meeting	27.10.2018	21
6	AISHE (2018-19)Data Submission	04.12.2018	All Staff
7	Feedback on OBE Curriculum	25.08.2018	All Staff
8	Governing council Meeting - 2019	05.01.2019	17
9	Alumni Feedback for 2018 Batch Students	24.02.2019	1242
10	IQAC Awards & Rewards meeting 2019	30.02.2019	All Staff
11	Staff online feedback survey prepared by IQAC	16.03.2019	All Staff
12	IQAC Internal Academic and administrative Audit-readiness-2019	24.04.2019	All Staff
13	Academic closure for the department & cells	09.05.2019	All Staff
14	Preparation of academic calendar(2019-2020)	14.05.2019	21
15	NAAC Students Satisfaction Survey (SSS) Online Feedback survey questionnaires prepared by IQAC	30.04.2019	4296
16	Institutional Feedback Prepared by IQAC	21.05.2019	4314

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Muthayammal college of Arts & science, Rasipuram	Department of Science and Technology DST - FIST -Project file SR/FST/College – 012/2017	FIST Grant awarded by Department of Science & Technology (DST) for duration of five years (2018-2023).	2017-18	Ongoing (Rs. 19 Lakhs)
Dr. N. Sudhakar, Asst. Prof, Microbiology	Major research project -Project file No. BT/IN/Indo- US/Foldscope/39/2015	DBT Foldscope Project by the Department of Biotechnology, Ministry of Science and Technology, GOI for a duration of one year.	2018-19	Ongoing (8 Lakhs)
Dr. A.S. Syed Navaz, Asst. Prof, Dept. Of Computer science	DST NIMAT Entrepreneurship Training programme - EDII/DST- NIMAT/18-19/350	DST-NIMAT Project 2017-18:	2017-18	Completed (Rs.1 Lakh)
Dr.M.Maghimaa, Asst. Prof, Dept. Of Microbiology	Major research project -Project file No. BT/IN/Indo- US/Foldscope/39/201 5	Department of Biotechnology, Ministry of Science and Technology, GOI for a duration of one year (2018-19).	2017-18	Ongoing (Rs.8 lakhs)
Dr. N. Sudhakar, Asst. Prof, Microbiology	Consultancy project SCIGEN Pvt. Ltd.	Antimicrobial potential of Nano Film on wound infection	2018-19	Completed (Rs.1Lakh)
Dr. N. Sudhakar, Asst. Prof, Microbiology	Consultancy project Green house organics Pvt. Ltd	To Develop a Microbial bio agent to kill Mosquito larva	2018-19	Completed (Rs.20000)
Dr. N. Sudhakar, Asst. Prof, Microbiology	Consultancy project Vama oil private limited	To evaluate virgin coconut oil against obesity in Whistar rats	2018-19	Completed (Rs.25000)
Dr. M. Maghimaa, Asst. Prof, Dept. Of Microbiology	TNSCST student project scheme	TNSCST - Student project	2018-19	Completed (Rs. 7500)
Dr. M. Maghimaa, Asst. Prof, Dept. Of Microbiology	TNSCST student project scheme	TNSCST - Student project	2018-19	Completed (Rs. 7500)
Mr. Vijayaragavan, Asst. Prof, Dept. Of	TNSCST student project scheme	TNSCST - Student project	2018-19	Completed

Commerce				(Rs. 7500)
Dr. M. Devi, Asst. Prof, Dept. Of Biochemistry	TNSCST student project scheme	TNSCST - Student project	2018-19	Completed (Rs. 7500)
Mr. Arulmani Asst. Prof, Dept. Of Electronics & communication	TNSCST student project scheme	TNSCST - Student project	2018-19	Completed (Rs. 7500)
Dr. N. Sudhakar, Asst. Prof, Microbiology	Major research project	DBT, New Delhi	2019-2021	Ongoing (Rs. 27 Lakhs)
Dr. S. Shabana begum, Head, Biochemistry	Consultancy research project	M.Sc., Biochemistry, Government Arts college for Women, Krishnagiri.	2018-2019	Rs. 1.84650

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*Uploaded the details in the portal **Annexure II:** <http://muthayammal.in/iqac.php>

10. No. of IQAC meetings held during the year: 12

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website Yes/No : Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes ✓ No

If yes, mention the amount: 50,000 Year: - 2019

Annexure III: http://muthayammal.in/UBA_fund.pdf

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

* The IQAC of Muthayammal College of Arts & Science initiated various activities for the purposes of quality enhancement of students as well as staff members. Accordingly Students Satisfactory Survey was taken as per the guidelines of NAAC.

* Smart class rooms have been established and Digital media learning has been promoted. Under DBT-STAR scheme, five departments (Bio-Technology, Biochemistry, Microbiology, Computer Science & Chemistry) conducted seminars, symposia, workshop etc. As far as the teachers are concerned, they are encouraged to carry on research and present papers in State /National level seminars. Various Faculty Development programs are

conducted periodically and eminent scholars, experts and scientists have been invited to steer the faculty forward to equip themselves with resource.

* The college applied for rankings such as NIRF, ARIIA, SWACHHTA and India Today MDRA ranking. It has been a moment of pride as per the India Today MDRA ranking, Microbiology department of Muthayammal College has been ranked 95th among 120 best science colleges. Commerce department has been ranked 119th among 145 best commerce colleges. Department of Computer Applications been crited the 60th rank among top 80 best colleges in India.

* During 2018-19, Tamilnadu state Council for Science and Technology offered grants to 9 students to undertake the students' project. The students completed the project and presented their findings at the meet convened at Kalasalingam University, Srivalliputhur on 21.07.2019 by TNSCST

* Mr.A.K Saravanan, Assistant Professor of Microbiology, was awarded the Ph.D degree by Periyar University, Salem during the academic year 2018-19

The Department of Biochemistry permitted 15 PG girl students of Govt women's college, Kirshnagiri to utilize the facilities of laboratory and helped them to complete their projects.

The IQAC of Muthayammal College of Arts And Science has already submitted the third AQAR to NAAC in December 2018 as per the guidelines from NAAC. The report was based on the guidelines slated in the earlier format. However the AQAR that is to be submitted for the coming year will be prepared based on new and revised format. The IQAC of Muthayammal College of Arts and Science submitted the data required by AISHE 2018-19 of the ministry of MHRD

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

Plan of Action	Achievements/Outcomes
Curriculum Enhancement	<ul style="list-style-type: none"> • Periyar University's CBCS Curriculum Was implemented during 2017-18 • During the Academic year 2018-19, 1887 UG and PG Students appeared for the final year Periyar University examinations. 1330 had passed to become eligible for graduation • Applied for the UGC NSQF Level 4 certificate course • An Overview of an Autonomy orientation program was conducted for all the staff • Skill development Courses had been conducted a strength of 2585 students had during the academic year 2018-19 • A total of 120 UG and PG students had attended the BEC Cambridge English Course • Bridge course had been conducted for five days and 1340 UG students taken part • 13 Departments had conducted free certificate courses related to curriculum 417 students have participated and received certificates during the academic year 2018-19
Teaching & Learning Resources	<ul style="list-style-type: none"> • Ultimate College ERP system was adopted for students ,staff and others • A system of Online attendance entry for students was materialized. • Bio-metric attendance was introduced • 6 Smart Class rooms were initialized, 5 AV Hall have been provided and one media capturing center was initialized. • Five Departments have been bought under the

	<p>DBT STAR Scheme</p> <p>Google Corporate mail Ids were created for staff</p> <ul style="list-style-type: none"> • Whats App group was created for instant communication • 20 Ph.d Qualified adjunct/Visiting faculty to enrich the teaching process had been invited • 40 staff have registered for Ph.D and 31 had been awarded Ph.D. There are 139 staff with M.Phil, 23 with NET/SET qualifications. • 16 staff have been granted Ph.D guide ship and another 27 M.Phil guide ship
Research Expertise Sharing	<ul style="list-style-type: none"> • Department of Biotechnology (DBT) and Ministry of Science and Technology recognized our College with “STAR SCHEME” cap and five Departments (Computer Science, Biotechnology, Biochemistry, Microbiology, Chemistry) have been sheltered under the star scheme • MCAS has been awarded with FIST –DST (Department of science and Technology). A centralized research laboratory facility containing all the sophisticated equipments such as FT-IR, GC-MS, qRT-PCR and -80 °C Freezer to accomplish all our research needs & outreach activities has been established
Infrastructure Resources	<ul style="list-style-type: none"> • A DBT grant of RS:49,48,495 had been spent on purchasing science equipment during the year 2018-19 • A DST FIST grant of RS:40 lakhs was spent on the establishment of centralized laboratory • Books on 93 various titles had been purchased to add to the collections in the library • 6 Smart Class rooms were installed

<p>Skill Enhancement – Communication & Placement Skill</p>	<ul style="list-style-type: none"> • Bridge Course for 1340 I UG students had been conducted for 5 days from 03.07.2018 to 09.07.2018 • A strength of 120 UG & PG students attended the BEC course during 2018-19 • Placement induction program for 449 Nil arrear/one arrear students had been conducted from 10.07.2018 to 12.07.2018 • Orientation on placement had been given to the first UG students from 16.08.2018 to 18.08.2018 • A program on Art Of Parenting was organized on 09.09.2018 • 7th Achiever's Day was organized for the final year students who got placed on 16.03.2019 and Management issued the offer letters to 525 students
<p>Extra Curricular Activities</p>	<p style="text-align: center;">YRC& RRC</p> <ul style="list-style-type: none"> • During the academic Year 2018-19,14 various activities had been carried out by the units of YRC & RRC club of our college • Five blood donation camps had been organized and 368 units of blood had been donated • Free eye camp was organized by YRC & RRC cell in collaboration with Aravind Eye Hospital, Madurai on 14.07.2018. 270 teaching and non teaching staff had their eye checked • Awareness among the I UG students about the spreading of worm and stop spreading and controlling by taking the tablets (with parents consent and guidance) was created by the Department of public health. "National Deworming Day was observed" on 10/08/2018

<p>Entrepreneurship Development</p>	<ul style="list-style-type: none"> • Entrepreneurship Development cell conducted a programme for I UG students on 06.09.2018 & 10.09.2018 • 3 students participated in a two day Entrepreneurship Training Program IEDP Leader – at Salem Hub Sona College of Technology on 11.01.2018 and 12.10.2018 • A program on “Self Employment Opportunities for Young Graduates” was conducted on 14.02.2019, 170 students participated in the program • National Entrepreneurship Network (NEN) was conducted on 18.12.2019 12 students participated in the program
<p>Community Services</p>	<ul style="list-style-type: none"> • A training session on “Preparation of Soap oil” for 20 students was organized on 04/01/19 in association with Anaikkum Karangal, Rasipuram • Job fair for Differently-Abled was organized on 28.02.2019 at Ragavendra Polytechnic, kumarapalayam. 70 participants made their attendance • Community college conducted various courses and training programmes for the public on Tailoring & Modern Dress Making, Computer Hardware Use & Servicing, Art of Cooking (Catering) 50 people had been provided training suffice in their courses of interest
<p>Ecological Environment Services</p>	<ul style="list-style-type: none"> • Programmes on Conservation (Electricity), Cleanliness & safety measures had been conducted from 6/7/2018 to 13/7/2018 • Stickers with the words ‘ SAVE WATER’ were affixed on the water filters on 01.08.2018

	<ul style="list-style-type: none"> • AWARENESS RALLY on ENVIRONMENTAL ISSUES was organized 02/08/2018 • Saplings were distributed to the students of Chemistry on Dr.APJ Abdul Kalam's birthday • Wildlife Week -2018 was organized by the Department of Zoology & Eco Club on 01.10.2018, 03.10.2018 & 04.10.2018 • A program to create an awareness about 'Rain Water Harvesting' was conducted on 05/10/2018 • Sapling plantation in Association with Salem Round Table 28 & Salem Ladies Circle 28 was on 13/11/2018 • Address on Conservation, Cleanliness & safety measures was effected on 21/12/2018 • Campus cleaning had been carried out programme on 11/02/2019 • Awareness Programme For Farmers And Volunteers was conducted on 13.02.2019 • Awareness Rally On Polio And Environment 26/02/2019 Pollution Awareness Programme In Association With Muthayammal college of Education was conducted on 18/03/2019
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14. Whether the AQAR was placed before statutory body? Yes /No:✓

Name of the Statutory body: Governing Council Date of meeting(s): **05.01.2019**

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

Yes/No: Yes

Date: **03.03.2015**

16. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year: **2018-19**

Date of Submission: **18.01.2019**

17. Does the Institution have Management Information System?

Yes / No : Yes

If yes, give a brief description and a list of modules currently operational.

The institution has created the management information system to enrich the quality information. Ultimate ERP software was developed by the ICT of our Institution according to the various stakeholders needs. This consists of 22 modules and 280 sub modules. There are separate panels for the following

Admin Panel:

- Admin Master
The database of staff and the Students was entered into the panel and maintained
- Students Reports
The profile of both UG&PG students could viewed at the departments concerned
- Faculty Reports
The profile of the Hods and the Staff profiles have been maintained
- Cells Reports
Data of NSS, YRC/RRC, WDC, Skill Development, Mentor, Eco Club, data are maintained
- Attendance enrolment
Daily the attendance of the students was entered online and report on the same was generated
- Placement details
Details of the companies visited the college for recruitment and the placed have been details were maintained department wise
- Sports Details
Achievements of sports students department wise and data of whole college have been stored
- Mentor report
Department wise mentor: mentee list of have been maintained
- Alumni report
Details of Alumni chapter and the number of alumni participated in the chapters have been recorded in the database year wise.
- Skill Development Cell
Details on the number of skill development courses conducted and the lists of the students who have participated have been recorded and reviewed then and there if necessary.

- WDC reports

The particular of the meetings conducted by Womens forum and the lists of students participants have been recorded in the database

The above stated ERP data have been maintained and updated by assistant ERP maintenance office of our college and its monitor by Dean Academic, Principal every semester and the report is submitted to the Management periodically.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation.

Muthayammal College of Arts & Science is an affiliated college of the Periyar University, Tamilnadu. As the college is following the revised curriculum prepared by the university during 2017-18 academic year.

- The college has planned to offer well structured and designed curriculum on the basis of the respective discipline like Physical, Biological, Life Sciences, Humanities and Business studies, Mathematical sciences, Professional studies through Periyar University.
- The college offers 18 Undergraduate, 15 Postgraduate, 8 M.Phil and 7 Ph.D programmes catering to the changing needs of the industry. The learning environment in the college brings together the best of infrastructure and human resource enriching the treasure trove of knowledge the students aspire for.
- Each year of the degree course a student's is expected to study a core paper, ancillary, elective, skill based, non major, mini-project either UG or PG in addition to work for the post graduate students and practical for all discipline.
- The college has also emphasizes on self employment oriented courses to make them employable.
- A student is supposed to gain theoretical knowledge during the theory and practical classes are conducted in the concern laboratories concerned.
- In the beginning of the semester each department prepares a lesson plan so that the teachers are able to cover the syllabus effectively with in the stipulated time
- Each teacher prepares a called teaching kit to himself a teaching kit serves a short of guidance to the concern teacher.
- It contains information with regards to the objective of the topic the methodology to be followed by him to delivering the particular topic the per assignment and post assignment to be allotted to the students ,In the teachers follows the teaching kit in total , it is ensure that he has covered syllabus correctly and completely in time
- The HOD allot subjects to his faculties based on the specialization of the concern teacher
- The IQAC the HOD and the principal monitor the coverage of the syllabus systematically and ensure that students are prepared very well for ensuring university examination.
- In the delivery of the lecture the teacher adopt in addition to the convention chalk and talk method use modern hi tech method.
- Smart Classes utilization for staff and students to enhancement of the ICT
- To help students a question bank is maintained in department
- Students have been monitored through periodical test, semester examination which could assess the academic performance.
- To develop the students writing skills, faculty has given assignment to make them well informed in the library reference book aspect. Moreover, certain topic is given in the respect paper to the student, which would improve the ability.
- MCAS is proud of posing a digital library having the latest facilities are also available to the students
- E – notes are prepare by each teacher in the department and distribute to the students
- To improve and enhance the employability of the very valuable so many value added course 31

like tally bank

- We also conducted free certificate course for the benefits of our final year students
- All this information are displayed in our college website

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
ASP.Net with C#	Diploma in Medical Laboratory Technology 14.07.2018 & 60 Hrs	14.07.2018 & 60 Hrs	Employability	Web Designing
Garment CADD & Manual CADD	2. Diploma in Bakery & Confectionary 28.07.2018 & 60 Hrs	14.07.2018 & 60 Hrs	Employability / Entrepreneurship	Industrial Garment Designing & Reduce wastage
Photoshop & Coral draw		14.07.2018 & 60 Hrs	Employability / Entrepreneurship	Photoshop & Coral draw designing
Mushroom Cultivation & Protection		28.07.2018 & 60 Hrs	Entrepreneurship	Cultivation of Seeds to Mushroom
Bank Exam Coaching (level-1)		28.07.2018 & 60 Hrs	Employability	Preparation of Banking Exams/Jobs
BEC Course		14.07.2018 & 60 Hrs	Employability	Listening, Speaking, Reading, Writing of Business English
Beautician for Girls		14.07.2018 & 60 Hrs	Entrepreneurship	To learn beauty techniques
Workshop on BSNL Programme		05.09.2018 & 18 Hrs	Employability	To Learn & View Wireless communication & Fibre optics, Broadband etc.,
Workshop on Self Made Business Product		28.11.2019 & 18 Hrs	Entrepreneurship	Production of Soap Oil, Dish wash Powder, Dish wash Bar, Headache Balm, etc.,
Workshop on Ethical Hacking		25.07.2018 & 18 Hrs	Employability	To Learn hacking tips
Workshop on Cyber Security		02.10.2018 & 18 Hrs	Employability	To protect from the technology

Insurance – 1		05.12.2018 & 60 Hrs	Employability	Basic concept of Insurance
Insurance – 2 & 3		22.11.2018 & 60 Hrs	Employability	Advance features of Insurance
Tally ERP 9.0 with GST(ACE)		19.11.2018 & 90 Hrs	Employability	Accounting Techniques with GST
Tailoring with Embroidery		28.07.2018 & 60 Hrs	Employability / Entrepreneurship	Generating ideas in garments
Project Training		05.12.2018 & 60 Hrs	Employability / Entrepreneurship	Electronic projects
Workshop on Speed Maths		08.01.2019 & 18 Hrs	Employability	Effective way of solving aptitude
Workshop on Computer Hardware		22.01.2019 & 18 Hrs	Employability / Entrepreneurship	Assembling of computer hardware

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
NIL	NIL	NIL	

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
ENGLISH	✓	✓	2009	✓	
ENGLISH		✓	2012		✓
MATHEMATICS	✓	✓	2008	✓	✓
PHYSICS	✓	✓	2008	✓	✓
ELECTRONICS & COMMUNICATION	✓	✓	2012	✓	✓
CHEMISTRY	✓	✓	2008	✓	✓
ORGANIC CHEMISTRY		✓	2008		✓
BIO-CHEMISTRY	✓	✓	2012	✓	✓
MEDICAL BIOCHEMISTRY		✓	2012		✓
BIOTECHNOLOGY	✓	✓	2008	✓	✓

MICROBIOLOGY	✓	✓	2012	✓	✓
ZOOLOGY	✓		2016	✓	
STATISTICS	✓		2017	✓	
COMPUTER SCIENCE	✓	✓	2008	✓	✓
COMPUTER APPLICATION	✓	✓	2008	✓	✓
COMMERCE	✓	✓	2008	✓	✓
COMMERCE CA	✓	✓	2008	✓	✓
BBA	✓		2008	✓	
BBA CA	✓		2008	✓	
HMCS	✓		2012	✓	
TFD	✓	✓	2012	✓	✓
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
	Certificate		Diploma Courses		
No of Students	2359		226		

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

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
1. ASP.Net with C#	14.07.2018	26
2. Garment CADD & Manual CADD	14.07.2018	21
3. Photoshop & Coral draw	14.07.2018	08
4. Mushroom Cultivation & Protection	28.07.2018	38
5. Bank Exam Coaching (level-1)	28.07.2018	122
6. BEC Course	14.07.2018	403
7. Beautician for Girls	14.07.2018	34
8. Workshop on BSNL Programme	05.09.2018	467
9. Workshop on Self Made Business Product	28.11.2018	59
10. Workshop on Ethical Hacking	25.07.2018	114
11. Workshop on Cyber Security	02.10.2018	112
12. Insurance – 1	05.12.2018	269
13. Insurance – 2 & 3	22.11.2018	306
14. Tally ERP 9.0 with GST(ACE)	19.11.2018	224

15. Tailoring with Embroidery	28.07.2018	14
16. Project Training	05.12.2018	29
17. Workshop on Speed Maths	08.01.2019	76
18. Workshop on Computer Hardware	22.01.2019	37
19. Diploma in Bakery & Confectionary	28.07.2018	53
20. DMLT	14.07.2018	173

1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title			No. of students enrolled for Field Projects / Internships	
Implant training Project & Internships			297	
1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
<p>The internal quality assurance cell has created feedback system of the institutions for various stakeholders. The IQAC has prepared the questionnaires for students, staff, alumni, industry and parents. The feedback questions were framed in the both online /offline. It is categorized into three parts.</p> <p>i. Students feedback</p> <p>ii. Infrastructure & Resources</p> <p>iii. Curriculum feedback</p> <ul style="list-style-type: none">Students feedback consists of 10 parameter questionnaires:<ul style="list-style-type: none">Preparation of class, Punctuality,Planning and completion of the syllabus,Clarity of Presentation,Quality of Language & Voice,Teaching methodology,Active Learning methodology,Career Guidance of a students,Mentor-Mentee ConceptThe Infrastructure & Resources consisting of the following sub parameter:<ul style="list-style-type: none">College Library,Playground / Sports Facilities,Cultural activities, NSS activities,Cleanliness in the College, Grievances Redress cell,Disbursal of Scholarships,Computer Lab facilities,Remedial classes / Tutorials,				

- College Canteen, Attitude and Co-operation of administrative staff towards students,
 - Skill development Centre,
 - Free Certificate Course,
 - College Transport, Placement Support,
 - Internet Facilities,
 - Various Cell/Club Activities,
 - Overall Discipline
- The Curriculum feedback regarding Relevance of the Syllabus Prescribed:
 - Suitability of the course regarding employment opportunity,
 - Appropriate for its intended purpose,
 - Suitable for a variety of learning styles,
 - The clarity in the module of the study,
 - Inspiration of the course to learn more of the subject,
 - Appropriateness of the facilities in the institution for learning,
 - The time and effort spent to study the course correspond to the credits assigned.
 - The parameters stated above have been framed with google forms and linked to the institutions web portal and students can login with the institute email id for giving feedback. The overall feedback will be consolidated and analysed by IQAC and the report has been submitted to the management
 - An action plan was charted and submitted to the management so that the things needful could be done to implement the action plan
 - 58 grievances had been redressed by the management during the academic year 2018-19

CRITERION II -TEACHING-LEARNING AND EVALUATION			
2.1 Student Enrolment and Profile			
2.1.1 Demand Ratio during the year			
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.SC. Computer Science	176	192	167
B.C.A	132	150	130
B.Com. CA.	132	152	132
B.Com.	198	160	140
B.B.A.CA.	-	-	-
B.B.A.	66	71	66
B.SC. Biochemistry	44	49	44
B.SC. Microbiology	44	48	43
B.SC. Biotechnology	44	49	44
B.SC. Physics	132	128	113
B.SC. Chemistry	132	132	115
B.SC. Mathematics	264	253	223
B.SC. Electronics & communication	44	39	34
B.SC. HM&CS	88	70	63
B.SC. TFD	44	48	43
B.A. English	198	136	121
B.SC. Zoology	44	36	31
B.SC. Statistics	44	25	20
M.SC. Applied Microbiology	33	19	14
M.SC. Biochemistry	33	13	9
M.SC. Biotechnology	33	28	19
M.C.A	66	24	15
M.SC. Computer Science	33	20	11
M.Com	40	18	13
M.Com.CA	33	20	12
M.SC. Mathematics	79	76	62
M.SC. Physics	33	42	32
M.SC. Chemistry	33	43	33

M.SC. Organic Chemistry	33	31	23
M.SC. Electronics & communication	33	5	0
M.SC. TFD	33	13	5
M.SC. Medical Biochemistry	33	15	7
M.A.English	40	36	28

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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-19	4455	586	136	86	134

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 (<i>LMS, eResources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
245	245	Ultimate ERP system EASYLIB Library Management System	20	6	E-Attendance E-Notes,AV Hall PPT presentation, YouTube Videos etc

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

- Initial work action plan was prepared by the TWS for further communication.
- Staff List from the IQAC was collected.
- Name lists of I UG students were collected from all departments
- Allotted the workload to Mentors. (Mentor – Mentee Split up).
- Counselling & Orientation session for mentor Through “**Knowledge Sharing Session on ILP (Informal Learning Programme)**” was conducted on 14.07.18, to create awareness about the student psychology and to identify the graceful behaviour of present generation.
- As per mentor – mentee allotment mentors started their work by conducting meetings with the mentees.
- Meeting 1: The mentees were given an orientation about the TWS and the rules and regulations of the examinations.
- Meeting 2: Mentees were individually motivated by the mentors to perform well in the Unit-I Exam.
- Meeting 3: After completing the exams and based on the results, reasons for the failures were

analysed by the mentors and offered suggestions to fair better in the ensuring test and examinations.				
<ul style="list-style-type: none">• This process had been continued till the commencement of University examinations• Redefining Health through Energy – Twin Heart Meditation & Free Healing Camp<ul style="list-style-type: none">- (09.02.19) were conducted to create awareness about the Pranic Healing and also to identify the graceful behaviour of energy around us.• Finally a report was prepared based on the feedback collected from the mentees				
Number of students enrolled in the institution		Number of fulltime teachers		Mentor: Mentee Ratio
1506		158		1:10
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
244	244	-	-	35
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)				
<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>	
2018	A.S. Syed Navaz (International)	Assistant Professor	Appreciation from scientific & Academic Publishing USA	
2018	Dr .V. RAJA (State)	Assistant Professor	Abdul Kalam Kanavu Nayagan Kancheepuran District tamil Semozhi Society	
2018	Dr. R. Selvakumaran,(National)	Principal	Cambridge University Press Award "Best Center"-Chennai	
2018	Dr .V. Raja (International)	Assistant Professor	Saiva Tamil Sudar-Tanjore Tamil University16 th International Conference	
2018	Dr. R. Selvakumaran,(International)	Principal	Cambridge Assessment English "South Asian Top 25 Preparation Center Award 2016-2018	

			Cambridge Univ
2018	Mrs. P. Sumathi (National)	Assistant Professor	Life time member in Association of Chemistry teachers National level
2018	Dr. Selvamaleeswaran (State level)	Assistant Professor	Tamil Nadu State AIDS Control Society & Tamil nadu state blood transfusion council-Best RRC Coordinator
2018	Dr N. Sudhaker (State level)	Assistant Professor	Entrepreneurship Development Innovation Institute Govt of Tamilnadu -Best E cell award
2019	U. Mohamed Iqbal M.A(National)	Head, Communication Lab & Coordinator BEC	Best Coordinator Award – British Council Chennai
2019	Dr. R. Selvakumaran (National)	Principal	Certificate of Appreciation -Tcs Ion A Valuable Partner In Conducting Online Examinations
2019	M. Ramamoorthy(National)	Head Social Activity-Assistant Professor	"Economic Inclusion for persons with Disabilities" American Indo Foundation Appreciation award

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
UG	-	II,IV,VI / I, II, III	20.05.2019	15.06.2019
PG	-	II,IV,VI / I, II, III	20.05.2019	15.06.2019

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

The Centralized Exam Cell:

- The Continuous Internal Evaluation system is centralized by the Institution and Examination cell conducts the examinations.
- The exam cell has a coordinator and an assistant coordinator and also eighteen members from various departments to support and strengthen its functions for their functionality.
- Exam Cell has prepared the calendar and sent notification through mail to Heads of the departments and the students
- As per University norms, question patterns were prepared Exams were conducted in during FN(10:00am to 1:00 pm)/AN(2:00pm to 5:00pm) sessions
- The theory examinations are conducted for three hour duration for each paper at the end of every semester. The candidates failing in any subject(s) will be permitted to appear for the subsequent examination. The practical examinations for core subjects are conducted at the end of the every semester.

Internal Assessment and Marks Evaluation

UG PROGRAM

- Passing Minimum – Theory: The candidate shall be declared to have passed the examination if the candidate secures not less than 40 marks put together out of 100 marks (CIA + EA). Minimum 40% should be secured (30 out of 75) in EA of each theory subject.
- Passing Minimum – Practical: The candidate shall be declared to have passed the examination if the candidate secure not less than 40 marks put together out of 100 marks (CIA + EA). Minimum 40% should be secured (24 out of 60) in EA of each Practical subject.

PG PROGRAM

- The Passing minimum shall be 50% out of 75 marks (38 marks) in Theory Exam
Theory Evaluation of Continuous Internal Assessment (Total : 25 Marks)

Test : 10 Marks

Seminar : 05 Marks

Assignment : 05 Marks

Attendance : 05 Marks

Practical Evaluation Of Continuous Internal Assessment (Total : 40 Marks)

Test 1 : 15 Marks

Test 2 : 15 Marks

Record : 10 Marks

- The evaluated marks and result analysis reports have been sent to the examination cell and copies of documents have been submitted by the Heads of the department to the Principal

- Review meetings on the result analysis were conducted by the Principal
- Special Remedial classes were conducted for the below average students and the class tutors maintained attendance registers separately to monitor and improve their performance.
- At every semester, letters with the intimation of date of reopening and academic progress report are sent to the parents and the parents are informed of the conduct of the students at the parents meeting and the parents have been assured of redressals to the grievances if any

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

A well planned Academic calendar is prepared a month before for the Staff and the Students . As per Periyar University norms Examination Pattern and timings are followed by the Institution. A tentative Time Table schedule notification is given by the University at the time of commencement of every academic year. <http://muthayammal.in/Mcas%20Staff%20cal%2018-19.pdf>

30 JULY 2018	Last date for submission of Question Papers for Internal - I
6 AUGUST 2018	Commencement of Internal-I
1 OCTOBER 2018	Last date for submission of Question Papers for Internal - II
8 OCTOBER 2018	Commencement of Internal-II
21 JANUARY 2019	Last date for submission of Question Papers for Internal - I
28 JANUARY 2019	Commencement of Internal-I
18 MARCH 2019	Last date for submission of Question Papers for Internal - II
25 MARCH 2019	Commencement of Internal-II

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://muthayammal.in/pdf/Program-outcome-and-program-specific-outcome.pdf>

2.6.2 Pass percentage of students				
Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
UEN	B.A.ENG	148	96	64.86
UBA	B.B.A.	48	37	77.08
UBCA	B.B.A.CA	33	16	48.48
UCA	B.C.A.	132	84	63.64
UCM	B.Com.	101	56	55.45
UCC	B.Com.CA	132	88	66.67
UBC	B.Sc. BIC	48	37	77.08
UBT	B.Sc. BIT	48	38	79.17
UCH	B.Sc. CHE	144	85	59.03
UCS	B.Sc.COM	135	96	71.11
UEL	B.Sc. E&C	24	15	62.50
UHM	B.Sc. HMCS	36	20	55.56
UMA	B.Sc. MAT	250	205	82.00
UMB	B.Sc. MIB	48	41	85.42
UPH	B.Sc. PHY	146	114	78.08
UTF	B.Sc. TFD	39	24	61.54
UZO	B.Sc. ZOO	33	20	60.61
PEN	M.A.ENG	33	25	75.76
PCA	M.C.A.	25	25	100.00
PCM	M.Com.	16	9	56.25
PCC	M.Com.CA	23	17	73.91
PAM	M.Sc. AMB	21	19	90.48
PBC	M.Sc. BCHE	10	9	90.00
PBT	M.Sc. BTEC	10	9	90.00
PCH	M.Sc. CHE	40	13	32.50
PCS	M.Sc. CS	32	31	96.88

PEL	M.Sc. E&C	4	4	100.00
PMA	M.Sc. MAT	58	39	67.24
PMB	M.Sc. MBIC	2	2	100.00
POC	M.Sc. OCHE	27	17	62.96
PPH	M.Sc. PHY	33	33	100.00
PTF	M.Sc. TFD	8	6	75.00

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 web link)

As per NAAC revised guidelines the IQAC has framed the 20 objective and 1 non objective questionnaires in the Google forms to students which consisting of the Teaching – Learning and Evaluation, the student will have to respond to all the questions with the students e-mail as login ID and password.

<http://muthayammal.in/pdf/NAAC-FB.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Resource Mobilization for Research				
3.1.1 Research funds sanctioned and received from various agencies, industry and other organizations				
Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	5 Years	DST - FIST	4000000	2018 - 2023
	2 Years	DBT	800000	2018-2019
	2 Years	DBT	800000	2018-2019
	3 Years	DBT	270000	2019-2021
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored Projects	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students Research Projects (other than compulsory by the College)	3 months	TNSCST	37500	2018-2019
International Projects	Nil	Nil	Nil	Nil
Any other(Specify)	1 Year	DST - NIMAT	100000	2018-2019
	6 Months	Consultancy project - SCIGEN Pvt. Ltd.	100000	2018-2019
	6 Months	Consultancy project - Green house organics Pvt. Ltd	20000	2018-2019
	6 Months	Consultancy project - Vama oil private limited	25000	2018-2019
	6 Months	Consultancy project - Green house organics Pvt. Ltd	20000	2018-2019
	6 Months	Consultancy project - Vama oil private limited	25000	2018-2019
	6 Months	Consultancy research project	184650	2018-2019
Total Amount in RS:			2,17,62,720	

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

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Skill development Orientation Programme for Girls	Skill Development Cell	03.07.2018
Seminar (Video Conference)	Computer Application	27.08.2018
Workshop on BSNL Programme	Skill Development Cell	04.09.2018 to 06.09.2018
Workshop on BSNL Programme(Wireless Communications)	Skill Development Cell	17.09.2018 to 19.09.2018
Workshop on FOLDSCOPE	Microbiology	8.10.18
Workshop on Flower Arrangement	HMCS	9.10.18
Workshop on FOLDSCOPE	Microbiology	11.10.18 & 12.10.18
DBT Star scheme-Workshop on Chromatographic techniques	Chemistry	27.10.18
Workshop on "NANOSCIENCE AND CANCER DRUG DELIVERY"	Chemistry	23.11.18
Intellectual Property Rights and Innovations	Research & Development Cell	27.10.2018
Hands on training cum workshop on Anti microbial Activity	Microbiology	28.11.18 - 29.11.18
Workshop on FOLDSCOPE for Biochemistry	Biochemistry	5.12.18
Workshop on R Language	Computer science	12.12.18 to 13.12.18
Workshop on "Molecular Techniques" - Interdepartmental Activity	Biotechnology	21.12.18 to 22.12.18
Workshop on Animal Cell Culture Techniques	Biotechnology	26.12.18 to 29.12.18
Workshop on Speed Maths	Skill Development Cell	08.01.2019 to 11.01.2019
WORKSHOP ON ASSEMBLY AND USAGE OF FOLDSCOPE	Microbiology	29.01.2019
TUKA-CAD Workshop	TFD	31.01.2019, 01.02.2019 & 04.02.2019
Workshop on Organic Farming	Biochemistry	05.02.2019
Workshop on "Egg Inoculation Techniques"	Microbiology	05.02.2019
DBT - Workshop on "Herbal Formulation"	Biochemistry	07.02.2019
Hands on training cum workshop on Mushroom Cultivation	Microbiology	09.02.2019
Workshop on Computer Technological Tips & Tricks	ICT	09.02.2019
Google Apps Workshop on New Staff Members	ICT	09.02.2019
Workshop on Excel for Statistics	Statistics	11.02.2019 to 12.02.2019
DBT - Workshop on Green Synthesis &	Biochemistry	14.02.2019

Nano particles		
DBT- Two Days Intercollegiate Workshop on Plant Tissue Culture Techniques	Biotechnology	14.02.2019 to 15.02.2019
DBT - Workshop on Photoshop	Computer science	15.02.2019 & 16.02.2019
DBT - Workshop on Cell lines	Biochemistry	15.02.2019
DBT - Workshop on Plant Tissue Culture Techniques	Biotechnology	18.02.2019
DBT - Workshop on "Herbal Formulation"	Biochemistry	07.02.2019
Hands on training cum workshop on Mushroom Cultivation	Microbiology	09.02.2019
Workshop on Computer Technological Tips & Tricks	ICT	09.02.2019
Google Apps Workshop on New Staff Members	ICT	09.02.2019
Fold scope Workshop (DBT Fold scope Project)	R&D	19.06.2019

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Innovative Researcher & Dedicated Academician (Zoology) award organized by Award Innovative Scientific Research Professional Malaysia	Dr.J.Vasanthi Assistant Professor Department of Zoology	Award Innovative Scientific Research Professional Malaysia	2018	Teacher-International Level
Albert Nelson Marquis Lifetime Achievement Award Winner	Dr.A.S.Syed Navaz Assistant Professor Department of Computer Application	Albert Nelson Marquis -USA	2018	Teacher-International Level
Cambridge University Press Award "Best Center"	Dr.R.Selvakumaran Principal	Cambridge University Press Chennai	2018	Teacher-National Level
Platinum Award – British Council 2019	Dr.S.P.Vijeikumar Dean Academics Department of Biochemistry	British Council Chennai	2019	Teacher-National Level
Invitro anti oxidant and invitro cytotoxicity assay of decalepis hamiltonii root using colorectal cancer cell lines (HT-29)	A.Divya Suruthi	Tamilnadu State Science & Technology	2019	Student-State Level

Fabrication of textiles with hybrid gold nano particles using medicinal plant extracts as therapeutics for human skin infections	P Sivasankar P Velmurugan V Sangeetha	Tamilnadu State Science & Technology	2019	Student-State Level
A study on the problems and prospects of milk production and marketing with special reference to Salem district	Deivalakshmi R Aarthi U Gayathri K Manoj B	Tamilnadu State Science & Technology	2019	Student-State Level
Prevalence of enter pathogens and their susceptibility to plant extracts in ruminants using foldscope (a paper microscope) in Kolli hills, Namakkal district, Tamilnadu	Velmurugan P Murugan A Sivasankar P Sangeetha V	Tamilnadu State Science & Technology	2019	Student-State Level
Fire fighting robot using PIC16F877A controller	A.Rubesh	Tamilnadu State Science & Technology	2019	Student-State Level

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year		
Incubation Centre	Name	Sponsored by
NIL		
Name of the Start-up	Nature of Start-up	Date of commencement
NIL		

3.3 Research Publications and Awards		
3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International
NIL		
3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>)		
Name of the Department	No. of Ph. Ds Awarded	
Computer Application	2	
Computer Science	1	
Microbiology	1	

3.3.3 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	Commerce	3	-
	Electronics & Communication	1	5.8
International	Chemistry	3	2.62
	Maths	1	-
	Physics	2	1.75
	Biotechnology	3	1.00
	Biochemistry	2	-
	Microbiology	11	-

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication
Physics	1
Microbiology	1

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Differential metal ion sensing by an antipyrine derivative in aqueous and β -cyclodextrin media: Selectivity tuning by β -cyclodextrin	G.Tamil Selvan, P. Sumathi , R. Sivaraj, P.Mosae Selvakumar, Israel V M Enoch, S.Gracia Lanas, M. Andrea	Analytical Chemistry	2018	2	Yes	2
<u>Binding of the Inclusion Complex of Atorvastatin-β-cyclodextrin to Bovine Serum</u>	N Sudha, Y. Israel V.M.V. Enoch, Y Sameena	Analytical and Bioanalytical Chemistry Research	2019	-	Yes	-

<u>Albumin</u>						
Molecular encapsulation of Valganciclovir by β -cyclodextrin influences its binding to bovine serum albumin: a spectroscopic study	N Sudha, Y. Israel V.M.V. Enoch	Physics and Chemistry of Liquids	2019	-	Yes	-
Neutrosophic generalized b-closed sets in Neutrosophic topological spaces	C.Maheswari, M.Sathyabama, S.Chandrasekar	Journal of Physics: Conference Series	2018	-	Yes	-
Crystal growth, experimental, and theoretical investigation of organic nlo material n,n dimethyl 4-nitro aniline	G.Bhuvaneswari, N.Prabavathi, L.Guruprasad	International journal of current advanced research	2018	-	Yes	-
Strontium and ciprofloxacin modified hydroxyapatites as functional grafts for bone prostheses	K.Sangeetha, M.Ashok, G.Vidhya, E. K. Girija	Ceramics International	2018	2	No	2
Production of citric acid by aspergillus niger using different fruits waste.	Dr.P.Selvamaleeswaran	International journal of research and analytical reviews	March 2019	-	Yes	-
Production and optimization of cellulose enzyme by aspergillus niger and saccharomyces cerevisiae using fruit waste as substrate	Dr.P.Selvamaleeswaran	International journal of research and analytical reviews	March 2019	-	Yes	-
Ecofriendly detoxification of bacillus cereus mcas02 native isolate from agricultural soil, namakkal, tamil nadu, india	D. Kavitha, B.Senthikumar, M. Sureshkumar	Biocatalysis and agricultural biotechnology	2018	-	Yes	-
Effect of ethanol extract of ipomoea staphyline leaves: effect on liver marker	P. Shobana Devi	International Journal of Research and Analytical	2019	-	Yes	-

enzymes in glucose homeostasis in stz-induced diabetic animals	M.Shabana Begum	Reviews (IJRAR)				
Anti-hyperglycemic activity of ipomoea staphylina leaves extract on carbohydrate metabolizing enzymes and glycogen content in streptozotocin induced diabetic rats	P. Shobana Devi M.Shabana Begum	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	-	Yes	-
Problems Of Women Workers in Spinning Mills In Erode District: A Study	M. Bose	Mcas Journal Of Research	2018	-	Yes	-
The Impact of Foreign Direct Investment in Agriculture Sector	M. Bose	Suraj Punj Journal for Multidisciplin ary Research	2019	-	Yes	-
The Impact of Foreign Direct Investment in Agriculture Sector	M. Jeeva	Suraj Punj Journal for Multidisciplin ary Research	2019	-	Yes	-
Effect of Different formulations on Growth Rate of Pseudomonas fluorescens and Trichoderma viride as Individual and Co-culture	Nanthini PVM, S. Shahitha, M.Palaniswamy	International journal of basic and applied research	2018	-	Yes	-
Effective plant growth promoting microorganisms (<i>Pesudomonas spp</i> and <i>Trichoderma spp</i>) in liquid biofertilizer to improve the plant growth: A review	Dr.S. Shahitha	Journal of Emerging Technologies and Innovative Research	2018	-	Yes	-
Vermicompost Production by Eiseniafetida on Cassava Peel Waste Compost (Periderm)	Dr. A.K Saravanan	International Journal of Creative Research Thoughts	2018	-	Yes	-

Microbial Cellulases Enzymes: Characteristics, Sources and their Industrial Applications	Dr.S.ANBALAGAN	International Journal of Research and Analytical Reviews	2018	-	Yes	-
Antibacterial activity, phytochemicaln studied of methanol plant (Euphorbia hitra and Achyranthes aspera) against diabetic wound pathogens	Mr.M.Selvan	International Journal of Research and Analytical Reviews	2018	-	Yes	-
Antobacterruial activity of <i>Nerium indicum</i> and <i>Nerium oleander</i> flower extract against diabetic wound pathogens	Mr.M.Selvan	Journal of Emerging Technologies and Innovative Research	2018	-	Yes	-
Generation and Passive protection of Chicken Egg Yolk antibodies (IgY) against <i>Campylobacter jejuni</i>	Dr.S.ANBALAGAN	Journal of Emerging Technologies and Innovative Research	2018	-	Yes	-
OPTIMIZATION OF CELLULASE PRODUCTION BY <i>Acinetobacter junii</i> ISOLATED FROM SOIL	Dr.S.ANBALAGAN	Journal of Emerging Technologies and Innovative Research	2018	-	Yes	-
Microbial Cellulases Enzymes: Characteristics, Sources and their Industrial Applications	Dr.M.SANKARESWA RAN	International Journal of Research and Analytical Reviews	2018	-	Yes	-
Generation and Passive protection of Chicken Egg Yolk antibodies (IgY) against <i>Campylobacter jejuni</i>	Dr.M.SANKARESWA RAN	Journal of Emerging Technologies and Innovative Research	2018	-	Yes	-
Optimization of	Dr.M.SANKARESWA	Journal of	2018	-	Yes	-

cellulase production by acinetobacter junii isolated from soil	RAN	Emerging Technologies and Innovative Research				
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3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	30	50	17	36
Presented papers	14	5	-	-
Resource Persons	-	1	1	1

3.4 Extension Activities			
3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year			
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Rally on Drug Abuse	NSS/ Namagiripet	4	75
"CLEAN INDIA PROJECT Swatch Bharat Project activities" (5 Days)	NSS/ Kakkaveri Panchayath	5	30
Rally on Environmental Protection	NSS/ Namagiripet	6	100
"Blood Donation Camp Assistance & Donation "	NSS	5	50
Kerala Flood Relief Material Collection	NSS/ Periyar University, Salem	5	50

General Free Medical Camp	NSS/"Poovayammal ThirumanaMandapam, Rasipuram"	5	25
Gaja Storm Relief Material Distribution Vadakadu, Thampikottai	NSS/ Vadakadu, Thampikottai Pudukkottai district	2	50
Physically Challenged Cell Kit Distribution	Physically Challenged Cell	2	60
NSS Special Camp	NSS/"Perappancholai, Periyakombai" Namakkal Dt	6	270
Rally on Avoid Alcohol Taluk Office, Rasipuram	NSS/ Taluk Office, Rasipuram	5	150
Polio Awareness Rally	NSS/ Govt Hr Sec School, Annasalai, Rasipuram	5	40
Blood Donation Camp	Muthayammal College Of Arts & Science YRC & RRC Cell In Collaboration With Govt Primary Health Center- O.Sowthapuram And Govt Blood Bank, Rasipuram	4	77
Free Eye Camp	YRC & Free Eye Camp In Collaboration With Aravind Eye Hospital, Madurai	4	270
Deworming Day Celebration	YRC	4	1500
Blood Donation Camp	Muthayammal college of Arts & Science YRC & Rrc cell in Collaboration With Lions Club, Rasipuram & Vinayagamission Hospital, Salem	4	58
Blood Donation Camp	Muthayammal College of Arts & Science YRC & RRC cell Blood Donation Camp in Collaboration with Maruthi Blood	4	116

	Bank, Salem and Lions Club of Salem Airport		
Blood Donation Camp	Muthayammal College of Arts & Science YRC & RRC cell Blood Donation Camp in Collaboration with Salem Round Table 28 & Salem Ladies Circle 28 And Govt Blood Bank, Rasipuram	4	52
Blood Donation Camp	Muthayammal College of Arts & Science YRC & RRC cell Blood Donation Camp in Collaboration with Primary Health Centre, Pillanallur & Govt Blood Bank, Namakkal	4	65
Training programme	Red Ribbon Club (RRC)programme officer meet and the peer educators training programme	1	1

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year		
Award/recognition	Awarding bodies	No. of Students benefited
Swachh Bharat Summer Internship 2018 certificate	Ministry of Drinking Water and Sanitation- Govt of India	30
NSS Special camp & Regular Activity 2018-19	Ministry of Youth Affairs and Sports & Periyar University Salem, Tamilnadu	300
Best E cell award -2018	Entrepreneurship Development Innovation Institute Govt of Tamilnadu	4

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Swachh Bharat	NSS/VAO Kakkaveri Panchayath	Clean India Program & Environment Awareness	6	30
Aids Awareness	YRC/Muthayam mal College of Arts & Science	Aids Awareness	4	500
Swachh Bharat	NSS/VAO Kakkaveri Panchayath	Plastic Awareness & Dengue Awareness	5	20
Entrepreneur Training	Dept of Chemistry & Anaikkum Karangal, Rasipuram	Preparation of Soap oil Training Program	1	20
Job fair for Differently-Abled	Cells for Physically challenged & Ragavendra Polytechnic, kumarapalayam	Job Fair Program	1	70

3.5 Collaborations				
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year				
Nature of Activity		Participant	Source of financial support	Duration
Microbial Activity		Physics Faculty - 4	DBT Star Scheme	4 days
Microbial Activity		Faculty & Chemistry Students	Management & DBT Star Scheme	One month
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Project work	Zn-Bp-BTC metal organic framework a heterogeneous catalyst for Knoevenagel condensation reaction	CECRI	10.12.2018 to 28.02.2019	K. Mohanambal
Project work	Design and synthesis of naphthalamide based probe detection of Al ³⁺ and Sn ²⁺	CLRI	03.12.2018 to 28.02.2019	S. Mythili
Project work	Synthesis and photophysical properties of 4-phenylamino-[1,1'-	CLRI	03.12.2018 to 28.02.2019	K. Umamaheshwari

	Biphenyl]-3'-carboxamide derivatives from 2-amino-5-iodobenzamide & aryl boronic acid via Suzuki & Chan even lam coupling			
Project work	Degradation studies of Industrial Dye by some nano structured materials	SONASTARCH	02.01.2019 to 28.02.2019	L. Pavithra
Project work	Studies of metal oxide nanoparticles and their electrocatalytic applications	SRM institute of science and technology	22.11.2018 to 28.02.2019	R. Sanmugapriya
Project work	Dye degradation studies using some nano structured materials synthesised by Microwave method	SONASTARCH	02.01.2019 to 28.02.2019	R. Ranjitha
Project work	Dye degradation studies of industrial dye on nano structured material synthesised by hydro thermal method	SONASTARCH	02.01.2019 to 28.02.2019	M. Priyanka
Project work	Zn-Bp-BTC metal organic framework as an efficient heterogeneous catalyst for Benzimidazole synthesis and multicomponent reaction	CECRI	10.12.2018 to 28.02.2019	D. Tamilselvi
Project work	Design and synthesis of 4-aminoantipyrine derivatives as potent inhibitors of H1N1 influenza virus	Chemkovil – Research and project centre for chemical and biological science	05.12.2018 to 07.03.2019	K. Niveditha
Project work	Synthesis, characterisation and photo catalytic activity of graphitic carbon nitride and rare earth metal oxide based nanomaterial's under visible light irradiation	CLRI	Dec 2018 to March 2019	S. Manimegalai
Project work	Synthesis, characterisation and photo catalytic activity of grapheme based nano composites under visible light irradiation	CLRI	Dec 2018 to March 2019	P. Deepika
Project work	L-Cysteine linker on the surface of gold nanoparticles and its metal ion sensing application	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	C. Deepika
Project work	L-Cysteine derivative and surface decorated gold nanoparticles for the sensing of Cu ²⁺ , Th ⁴⁺ ions	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	P. Monisha
Project work	Development of functionalised MoS ₂ based transition metal	Karunya Institute of Technology and Sciences	03.12.2018 to 01.03.2019	M. Mathan

	dichalcogenides 2D nanomaterials for energy storage applications			
Project work	Decomposition of factamophos	The fertilizers and chemicals Travancore limited	17.12.2018 to 08.01.2019	Mr. Suseendran
Project work	Design and synthesis of a carbazole derivative as a fluorescent chemosensor for detection of heavy metals	Bharathiyar University	05.12.2018 to 07.03.2019	C. Gowtham
Project work	Differential metal ion sensing by an 2-imidazole carboxaldehyde derivative in aqueous and β -cyclodextrin media: Th^{4+} , Cr^{3+} ion sensing	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	R. Ganesh
Project work	Development of liposomal encapsulated vector conjugated drugs for molecular imaging applications	Karunya Institute of Technology and Sciences	03.12.2018 to 01.03.2019	C. Karthick
Project work	Liposomal encapsulation of fluorescent tags and folic acid as drug delivery systems for optical imaging applications	Karunya Institute of Technology and Sciences	03.12.2018 to 01.03.2019	Kathirvel
Project work	Metal ion sensing by an naphthaldehyde derivative in aqueous and β -cyclodextrin media: Al^{3+} ion sensing	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	S. Mageshwaran
Project work	Synthesis and characterisation of platinum derivative of and β -cyclodextrin – glucuronic acid and evaluation of its DNA, BSA binding and in vitro anticancer activity	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	M. Anupriya
Project work	Combustion synthesis of cobalt oxide nanoparticles	SONASTARCH	02.01.2019-28.02.2019	G. Ragavi
Project work	Synthesis, Characterization and biological evaluation of some new Ruthenium (II) schiff base complexes	Quantum Laboratories	05.12.2018 to 02.03.2019	G. Sangavi
Project work	Preparation of natural indigo dye suitable for leather application	CLRI	03.12.2018 to 01.03.2019	T. Nivetha
Project work	Destruction of volatile organic compounds present in pharmaceutical wastewater using metal doped carbon catalyst	CLRI	03.12.2018 to 01.03.2019	R. Dharani

Project work	Synthesis and characterisation of platinum derivative of and β -cyclodextrin – phenylalanine and evaluation of its DNA, BSA binding and in vitro anticancer activity	Karunya Institute of Technology and Sciences	05.12.2018 to 07.03.2019	P. Santhiya
Project work	Comparative study of the pharmacological actions of certain indigenous herbs used by tribes in kolli hills claiming to have analgesics properties	Acme Progen biotech private limited	04.01.2019 to 12.03.2019	R. Monica

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
TCS	31.10.2018	Banking for Business Process Service-Training Programme	Teachers - 3 Students - 40

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 Amount in Lakhs	
43.00	33.67	
4.1.2 Details of augmentation in infrastructure facilities during the year		
Facilities	Existing	Newly added
Campus area	10.15	-
Class rooms	99	-
Laboratories	27	1
Seminar Halls	4	-
Classrooms with LCD facilities		11
Classrooms with Wi-Fi/ LAN		10
Seminar halls with ICT facilities		6
Video Centre		1
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	84	90
Value of the equipment purchased during the year (Rs. in Lakhs)	39.53	87.52
Others	13.70	38.90

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 partially)		Version		Year of automation	
EASYLIB Library Management System	Fully		3.0		2015-16	
4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value in Lakhs	No.	Value in Lakhs	No.	Value in Lakhs
Text Books	25156	57.48	228	0.79	25384	58.7
Reference Books	1139	24.47	-	-	1139	24.47
e-Books	31,35,000	0.10	0	5900	31,35,000	5910
Journals	83	1.40	83	1.43	83	2.83
e-Journals	6000+	-	6000+	-	6000+	-
Digital Database	-	-	-	-	-	-
CD & Video	2100	-	-	-	2100	-
Library automation	EASYLIB 3.0 version Library Management System-Price 25000/-				-	-
Weeding (Hard & Soft)	-	-	250	-	250	0.25
Others (specify)	2609	-	243	-	2852	-

4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MBPS/GBPS)	Others
Existing	565	478	-	2	8	16	71	23mbps	-
Added	43	37	-	-	-1 (Lab D1 Closed)	-	-	7mbps	6 (Smart Class)
Total	608	515	-	2	7	16	71	30mbps	6
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)									
<u>30</u> 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				
<ul style="list-style-type: none">● BENQ PROJECTOR MS504P -1● QU16 ALLEN & HEATH COMPACT DIGITAL MIXER -1● BENQ PROJECTOR SHORT THROW MW824ST-1● AKG WMS 40 PRO MINI SINGLE MIC- 2● AKG WMS 40 MINI 2 DUAL MIC -1● HAL BRITISH AQUASTIX -5 SPEAKER- 6● BENQ PROJECTOR 506P - 1● MINI SEMINAR HALL AHUJA SSA 250 DP AMP -1● AHUJA AWM 490V2 DUAL PA MICRO PHONES - 1● CANON CAMERA STAND -1● CANON DIGITAL CAMERA (18 MP) -1● Smart class room -6● Corel Draw software (Licensed) -1					<div>1. https://www.youtube.com/watch?v=pqc_jAT7WUo</div> <div>2. https://www.youtube.com/watch?v=1Qqw5jDFTyE</div> <div>3. https://www.youtube.com/watch?v=mXW39aiR0tw</div> <div>4. http://muthayammal.in/gallery.htm</div> <div>5. http://muthayammal.in/Facilities_e-content_development.pdf</div>				
4.3.4 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	

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 (Amount in Lakhs)	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities (Amount in Lakhs)
16.00	13.31	26.00	20.35
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (<i>maximum 500 words</i>) (information to be available in institutional Website, provide link)			
<p>Laboratory</p> <ul style="list-style-type: none"> Well equipped laboratories are available for each discipline of study Research facilities are provided to help scholars pursue M.Phil and Ph.D programmes at the college, Specially equipped Biotechnology laboratory ,one of its kind in the state of Tamilnadu, is available in the college <p>English Communication Laboratory</p> <ul style="list-style-type: none"> A separate English language laboratory has been established during the Academic year 2007-08 in our institution in collaboration with Alliance franchise and British Council to promote the passion for linguistics It offers ample training opportunities in the language lab to improve their communication skills in English,students are facilitated to use this lab even after the class hours. <p>College Library</p> <ul style="list-style-type: none"> Our college has well established library with over 26,289 volumes of books related to various subjects and regular subscription to national and International journals & E-publication The Librarian is the in charge of the college library. the library is automated with gate entry and circulation management system. All the students and staff of the college are members of the library. It functions on all working days between 9:00 Am to 6:00 Pm. Every UG students is facilitated to borrow five books, PG students, M.Phil & Ph.D scholar can barrow six books. Books must be returned to the library on the due date and can be renewed or reborrowed for a period of 14 days for students and 30 days for staff. The students are prohibited from sub selling the books, Perfect silence and decorum should be maintained in the library. <p>Facilities:</p> <ul style="list-style-type: none"> ILMS –Easy Library Management System Software (Automated) Text Books -25156 References books- 1139 			

- E books – 31,35,000
- E journal 6000+
- CD & Videos- 2100

Sports Facilities:

Department of Physical Education is facilitated with

- 200 meter track for relay
- Two table Tennis Boards
- Judo, taekwondo, Chess provisions court facilities
- Football, Volley ball, Ball Badminton to play
- Multi-Gym facilities

Computer Laboratories:

Computer Laboratories are housed with 515 systems with broadband and a speed of 30 Mbps. WI-Fi Facility is available in the campus. As many as 71 computers have been served to the department, cells and offices

Infrastructure:

- Class rooms
- Conference Hall
- AV Hall
- Laboratory
- Smart Class rooms

Animal House Facilities:

A modern animal house is the latest addition to the infra of our college and this institution is the first among the colleges affiliated to Periyar University to obtain Ethical clearance from the Ministry of Environment and forest (Reg No: 1416/a/11/CPCSEA)

DST –FIST RESEARCH LABORATORY

Our College is the only institution among the colleges affiliated to Periyar University that has DST-FIST A Sum of Rs: 40 lakhs has been spent on the establishment of centralized laboratory. The progress and utilization report is sent every year

DBT STAR Scheme

A DBT grant of RS: 49.48 Lakhs had been spent on purchasing science equipments for five Department (Computer science, Biotechnology, Biochemistry, Microbiology and Chemistry)

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	Muthayammal Educational and Charitable Trust Scholarships (Sports,Merit & others)	732	73,16,005		
a) National	Govt of Tamilnadu SC/ST, Central Govt minority & central sector scholarship	668	2,257,660		
b) International	-	-	-		
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	
Soft skill development		20.09.2018 & 24.09.2018	120	Communication Lab - MCAS	
Skill Development orientation for Girls Students		27.06.2019	1268	C CUBE Technology-Erode Profuture Technology Chennai	
Banking & Competitive Exams		02.07.2018	3200	Ramax Academy Erode	
BSS Course		04.07.2018	194	Banking & Competitive Exams	
Remedial coaching		12.06.2018	104	Communication Lab - MCAS	
Language lab		1.07.2018 to 31.03.2019	27539	Communication Lab - MCAS	
Bridge courses		03.07.2018 to 09.07.2018	1340	Communication Lab - MCAS	
Yoga Meditation		10.07.2018	1600	-	
Personal Counselling & Mentoring		14.07.2018	1506	-	
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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018-19	Banking & Competitive Exams, SI Coaching	UG II & III Year Students	3200	2	2

2018-19	Placement Orientation	I UG Students	1600	-	676
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		No. of grievances redressed		Average number of days for grievance redressal	
42		42		3	

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
CAPGEMINI	91	8	WIPRO (VCAS, T.Gode)	141	6
GLOBAL HEALTH CARE	386	27	INFOSYS (VCAS, T.Gode)	73	3
VISIONARY RCM	130	47	ACCESS HEALTHCARE (VCAS, T.Gode)	368	13
KOTAK LIFE INSURANCE	201	36	ABI SHOWTECH (MPTI)	95	95
MPHASIS	376	68	NOKIA (MPTI)	37	37
TNQ	117		VEE TECH	36	13
AAGNA GLOBAL SOLUTIONS	324	7	MOBIUS (MEC, Rasipuram)	90	6
EUREKA FORBS	144	92	GREAT INDIA (MEC, Rasipuram)	139	47
TCS	181	86			
CHC HEALTH CARE	66	31			
THE RESIDENCY TOWERS	31	11			

TCS IT	9	16			
SHIELD CARE	3	6			
M.A.M. EDUCATIONAL TRUST	6	3			
GOLDEN TULIP	6	2			
AMBICA EMPIRE CHENNAI	18	3			
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-19 http://muthayammal.in/pdf/student_higher_studies_details.pdf					

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	-	-
SET	-	-
SLET	-	-
GATE	-	-
GMAT	-	-
CAT	-	-
GRE	-	-
TOFEL	-	-
Civil Services	-	-
State Government Services	2	120312026, 16UCH15
Any Other	1	16UCH20

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
Power Lifting	State	2
100Mts	State	1
Marathon	State	8
Marathon	State	2
Athletics	State	12
Athletics	State	4
Handball	State	16

Badminton(M)	Intercollegiate	7
Cricket(M)	Intercollegiate	16
Hockey	State	18
Basket Ball	Intercollegiate	12
Athletics	South Zone	2
Kho-Kho	Intercollegiate	12
Kho-Kho	Intercollegiate	12
Wrestling	State	1
Taek Won Do	State	1
Athletics	State	8
Cross Country	All India	2
Volleyball	Intercollegiate	12
Chess	Intercollegiate	4
Marathon	State	4
Weightlifting	State	3
Athletics	Intercollegiate	15
Kabaddi	Intercollegiate	12
Power lifting	National	1
Discus Throw	National	1
Best Physique	All India	1
Hockey	South zone	2
Athletics	All India	3
Hockey	South zone	5
Football	South zone	1
Handball	Intercollegiate	16
Ball Badminton	All India	3
Athletics	State	1
Chess	State	1
Handball	South zone	5

Cross country	State	6
Weightlifting	State	2
Marathon	National	3
Marathon	State	8
Ball Badminton	Intercollegiate	10
Ball Badminton	All India	1
Weightlifting	State	1
Marathon	State	6
Power Lifting	All India	2
Hand Ball	State	12
Hand Ball	State	8
Weight Lifting	State	6
Athletics	State	3
Athletics	State	1
Marathon	State	11
Power Lifting	National	3

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	Sports	Cultural	Student ID number	Name of the student
2018-19	Bronze	National	Power Lifting		17UCH090	M.Priya
2018-19	Bronze	National	Power Lifting		17UEC011	R.Meenatchi
2018-19	Gold	National	Taek Won Do		17UCA138	S.Sathishkumar
2018-19	Gold	International	Taek Won Do		16UCA116	G.Sakthivel
2018-19	Bronze	All India	Power Lifting		16UTF024	M.Priya
2018-19	PRIZE-I	STATE		RANGOLI / TEXVALLY, ERODE	17PMA043	M. SARANYA
2018-19	PRIZE-I	STATE		ORATORICAL (ENGLISH) / KSR COLLEGE OF TECHNOLOGY, TIRUCHENGODE	17UEN010	T. CHANDRU

2018-19	PRIZE-I	National		FACE PAINTING, KONGU ARTS AND SCIENCE, ERODE	16UCH27 16UCH19	V.S.RAGUL&B. MUTHUPANDI
2018-19	PRIZE-II	STATE		VEGETABLE CARVING, NGP ARTS AND SCIENCE COLLEGE, COVAI	16UCH27	V.S.RAGHUL
2018-19	PRIZE-I	NATIONAL		Beatbox, Rathinam institutions, Coimbatore	17UEN014	K.DHINESHKU MAR

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

Students association

A mentor will regulate the activities of the association

Chairman-1

Vice-chairman-1

Secretary-1

Joint secretary-1

Members- (6-20)

Roles

To organize department festival

To co-ordinate sports day, college day, hostel day etc.,

To facilitate cells/clubs activities

To welcome the fresher's by giving a welcome card with chocolate

Meeting

Students Representative meeting was conducted on 24.07.2018

Students Representative meeting was conducted for both UG & PG students 7.02.2019

Students Representative meeting first UG was conducted on 26.06.2019 and discussed 2019-20

Academic activities and newly announced club activities had been discussed

A separate register for minutes has been maintained by the Departments

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Muthayammal college of arts and science Alumni association of came into existence in the year 2014. The main motto of this cell is to make good bonding among the alumni, bonding between the alumni and the college.

Alumni cell is organizing the following activities to strengthen alumni network.

- (i) Creating alumni chapters in different location,
- (ii) Alumni interaction with current students
- (iii) Batch wise alumni meet in college.

Students are getting the following benefits through alumni cell

- (i) Knowledge sharing
- (ii) Helping economically poor students
- (iii) Assisting placement cell.

5.3.2 No. of enrolled Alumni:

1846

5.3.3 Alumni contribution during the year (in Rupees) :

NIL

5.3.4 Meetings/activities organized by Alumni Association :

- Organised Alumni meet Salem Chapter on 19-08-2018 at CJ pallazzio Salem.
- Organised Alumni meet for 1995-98 Batch Students on 09-12-2018 at B – Block Mini Conference hall MCAS.
- Organised Alumni meet for Department of Microbiology and Biotechnology Students on 03-07-2018 at B – Block Mini Conference hall MCAS.
- Organised Alumni meet for 2005-08 Batch Students on 27-01-2019 at B – Block Mini Conference hall MCAS.
- Organised Alumni meet for Department of Mathematics 2014-17 Batch Students on 09-02-2019 at C – Block AV hall MCAS.
- Organised Alumni meet for Department of BCA 2012-15 Batch Students on 03-03-2019 at B – Block AV hall MCAS.

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)

Managing Committee

Our institution has a statutory authority of Managing committee which is constituted of Chairman, Secretary, treasurer and an Executive Director. The managing committee is the executive body of the institution and is responsible for the achievements of the aims and objectives of the institution the members of the managing committee are both leaders and decision makers. Their overall legal obligation are summarized below

- Vision and Values
- Accountability
- Legal duties
- Financial oversight
- Managing staff
- Managing volunteers

Governing Council:

Governing Council is a body that acts as policy making body of the institution. It determines the general policies and provides a forum for students ,teachers ,community, and the stakeholders and the institutions work continuously enhancing learning outcomes

Our governing council is constituted of a total of 16 members

- Two management members (Chairman, Secretary)
- Four External members (other Universities and colleges)
- Ten internal members

Principal Level:

Principal is the Chief /Head of the institution. He is the chair person for IQAC and various cells and clubs of the institutions .He acts as the chief superintendent of examinations. He ensures the teachers to have the necessary resources and equipment to achieve the institutions academic goals. He counsels and disciplines students or may guide teachers in moulding the students. He acts as an overpass among the management ,faculty members and the students.

Deans level

In behest to enhance the quality and betterment of institution high profiled staff are designated as (Dean- Academics and Dean- Administration) with significant authority over a specific academic unit or over a specific area of concern. They act as senior officials for a division or other advisory or disciplinary functions.

Heads level:

In order to boost the other activities related to institutional betterment distinct Heads for Social Activities student progression, Placement and skill development cell & R&D cell are employed .They act as senior officials for a division or other advisory or disciplinary functions.

Coordinators level:

Every cells and clubs has a coordinator whose job is to organize events or activities and to negotiate with others in order to ensure their work. They work under the supervision of Deans and Heads. The Assistant coordinators and members are designated to work under the guidance of coordinators

Department Heads level:

They are the senior officials, who are solely responsible for the activities of the department .They ensure the smooth conduct of the activities of the department related to teaching learning and promoting both the attitude and aptitude of the student.

Academic office level:

Academic office consists of an office superintendent and office assistant who perform under the guidance of Dean academics .They are responsible for all the official documentations and their maintainance.

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

Yes/No/Partial:

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):

Curriculum Development

- The syllabi prescribed by Periyar University during 2017-18 have been implemented
- 13 Departments have conducted Free Certificate courses for 417 students
- An orientation to the faculty on Outcome Based Education was given by the Head of the Institution
- A programme as an eye opener “Introductory Remark on Autonomy” was conducted to push us ahead with our preliminary preparations towards Autonomy
- Applying for Autonomy has been processed
- The Insurance Institute of India first time acknowledged Four Add- on Courses for B.Com Students of Muthayammal College of Arts & Science in the year 2018. The following courses were conducted for students.
 - IC01 Principal Of Insurance
 - IC02 Practice of Life Insurance
 - IC11 Practice of General Insurance
 - Regulation of Insurance Business

Teaching and Learning

- ICT based teaching methodology is being implemented
- Smart Classes for students and faculty are available
- Preparation of online tutorial system and uploading it in web portal for students
- Hands on Training
- DBT workshops
- Guest Lectures
- Campus to Corporate program (Infosys- Bangaluru)
- British Council FDP for New Faculties
- Infilibnet Access for staff

Examination and Evaluation

- As per the Periyar University Syllabus Pattern Internal I & II examinations have been conducted
- Remedial classes have conducted for arrear students
- Marks of the External and Internal assessments distributed to theory and practical Examinations are in the ratio of 75:25 and 60:40 respectively
- Principal present a PPT on Result every semester to the students

Research and Development

- Paper Publication in National/International Journals (WOS, SCOPUS)
- Book publishing
- R & D Projects undertaken (DBT, DST FIST, Fold scope, TNSCST, NIMAT etc)
- MCAS Journal of Research Volume 3 were published
- Awareness among Intellectual Property Rights
- Collaboration with Industries and Institutions

Library, ICT and Physical Infrastructure / Instrumentation

- Our college is registered under NLIST programme, and we have access for the **e-resources (6,000+ e journals and 31,35,000+ e books.)**. A student can keep the book borrowed with him/her for 14 days and a staff for 30 days.
- A separate IT Zone has been created to access e-resources under N-LIST, NDL and NPTEL Programme. Our college is an authorized user of the above programme
- The college library has updated the website with question bank tag. Question papers of years of some of the reputed Universities have been scanned and kept available for reference. The link to all the students to make use of these question papers is http://muthayammal.in/Question_bank_dept.htm

Human Resource Management

- Staff members are sponsored for the Faculty Development and Training Programmes subject to the norms prescribed by the management and other Agencies
- A staff will be enrolled under EPF Scheme and the contribution as fixed by the Govt will be deducted from the salary and the management will make the matching contribution
- Group Insurance Scheme has been in operation to benefit all the students, Teaching and Non teaching staff, hostel employees and parents and their wards
- Staff members who have completed a minimum of five academic years of service are eligible for 5 days ML a year with salary

Industry Interaction / Collaboration

Besides providing sound education to the students, the management and the staff work with a motto Industry Collaboration.

- To practically enable the students to involve in industry collaboration
- To Motivate the staff members to attend the CII conferences
- To make a communication with industry relating to our courses
- To identify the industry for industrial visit
- To organize Course Exhibition
- To inculcate modern methods of education in our institution

Admission of Students

- As per UGC & Periyar University norms and Eligibility criteria ,courses have been offered to UG/PG students
- Periyar University conducted a Common Entrance Examination (2018) for Affiliated Colleges to pursue M.Phil/Ph.D.
- The Students who appeared for the Entrance Exam and got qualified have been admitted to M.Phil/Ph.D Full Time/Part Time Stream
- The Management has announced merit scholarship for students who seek admission
- 15% to 100% for students excelling in Academic/Sports
- 25% for physically challenged students for 3 years
- The students from Kolli Hills, if they get admitted shall be offered a scholarship of Rs:5000/- once during the course of first year UG

6.2.2 : Implementation of e-governance in areas of operations:**Planning and Development**

- Academic Plan is prepared by every stake holder at the beginning of the academic year,
- Performance parameters have been fixed to assess the quality metrics of the various stake holders.
- A review meeting was conducted for various stakeholder regarding the status and Achievements
- An appraisal committee has been constituted to collect staff self appraisal
- A feedback is being collected through online
- A SWOC report analysis has been submitted to the management

Administration

The Muthayammal College of Arts & Science has chalked out the administration to be more transparent, speedy and accountable while addressing the society's needs and expectations through efficient public services and effective with between the people, businesses, and government.

- Transaction of salary has been done through CANARA BANK
- Canara Bank Mobile banking App is used by the employees to avail the account status
- EPF is done through online mode
- Online mode of fee payments by the students of Periyar University has been in practice
- All Govt Fund & Grants have been received by the institute through online mode

Finance and Accounts

- FFS software 5.0 version

Student Admission and Support

- Alumni online Registration Form
- Admission Application Online
- Ultimate ERP Software
- e-notes

Examination

Periyar University has implemented the Online Examination application mode for affiliated college

- Students Fee payment through online mode
- Online attendance entry for University Examination
- Internal assessment mark entry through online mode for both UG/PG

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
2018	Mr. A. Karthigaiselvam	Cii Personal Branding & Story telling for Business Entrepreneurs	Hotel Cenneys Gateway Salem	655
2018	M.Sivaramakarthiketen U. Mohammediqbal M. Anandhi M. Vijayashanthi	Cambridge Assessment English	Hindustan College & Stanees School , Coimbatore	1446
2018	Ms. S. Maheswari	National Conference - Managing HR in modern business	K.S.R college of Arts & Science, T.gode	1000
2018	Ms. K. Prema	National workshop	Vivekananda college of Arts & Science Tiruchengode	500
2018	Mr. T. Prabhu Mr. A. Raja	FDP-Introduction to PHP programming	KSR Institute for engineering, Tiruchengode	528
2018	Mr. M. Ravi Mr. A. Raja	FDP on Python Programming	Mahendra Engineering college, T.Gode	428
2018	Mr.M.Jeeva	International Conference on Significance of Joint Liability Group	Periyar University, Salem	8500
2018	Mr. Sivaram Mr.Iqbal	Multiple Intelligence & Role of a Teacher	Hotel Raintree, Chennai	2030

2018	Ms.M.Keerthana Ms.M.Vijayasanthi	FDP Programme - Team Building- ICT Academy	Muthayammal Engineering College Rasipuram	500
2018	Dr.N.Nithya Ms.M.Saranya	FDP on Emotional Intelligence	Vivekananda college of Engineering for women, Tiruchengode	400
2018	Ms.P.Sumathi Dr.N.Nithya Dr.N.Sudha Mr.P.Ayyanar	FDP - Decision Making Skills	Vivekanandha College for Women, T.Gode	
2018	Mr.G.Parthasarathi Mr.R.Gopi Mr.P.Murugesan	FDP - TCS	Vivekanandha College for Women, T.Gode	2000
2018	Mr.A.Karthigaiselvam	Sales force Essentials BSX Programme for Business Specialists FDP	KSR College of Technology T.Gode	550
2018	Ms.K.Prema Mr.M.Selvam Mr.D.Kavitha Ms.P.Poorvaja	FDP Quality Enhancement in Teaching Learning And Research - 2018	SriVidya mandir Arts & Science Uthangari	4600
2018	Dr.P.Selvamaleeswaran Dr.R.D.Sudhagar	Workshop on Gene Editing Using "CRISPR-CAS" Hands On Training	JSS College Of Pharmacy, Ooty	8615
2018	Dr.P.Selvamaleeswaran	International symposium on Research Tools in Biological Science	J.K.K.Nataraja College of Arts & Science, Kumarapalayam	500
2018	Mr.P.Ayyanar Ms.A.Suganya	Seminar cum Exhibition	Veterinary College & Research Institute, Namakkal	3000
2018	Ms.B.Vasumathi	FDP On Quality Measures in Higher Education	Dr.N.G.P Arts & Science College,	5330

			Coimbatore	
2018	Mr.G.Selvakumar	Communication Skills for the Modern Indian Workplace	Radission Blu, Coimbatore	328
2018	Ms.M.Kavitha	FDP on Leadership Skills Level 2	Mahendra Arts & Science College, Kalipatty	200
2018	Dr.R.Selvakumaran Dr.S.P.Vijeikumar Dr.M.N.Periasamy Dr.N.Sudhakar Dr.V.Vijayadeepa	CII Tamilnadu Principals Conference "Re-Imaging Education in changing world"	Hotel Heritage, Madurai	6785
2018	Mr.T.Prabhu	CII-Cyber Security Perspective	DJ conference hall, Coimbatore	2000
2018	All HoD's & R&D Member	Workshop on IPR (DBT-Star College Scheme)	PSGR Krishnammal College for Women, Coimbatore	17087
2018	Dr.S.Anbalagan Dr.M.Maghimaa	Workshop on Analytical & Preparatory HPLC Techniques	Periyar University, Salem	400
2018	Dr.R.Selvakumaran Dr.A.K.Saravannan	Two days State Level Workshop on Outcome Based Education	Chamber Towers Coimbatore-18	4655
2018	Dr.S.Shahitha	Workshop on Daily Work Management	Hotel Sivaraj Holidays Inn, Salem	2021
2018	Dr.M.Mahima	Workshop on Assembling of Fold scope & identification of pathogen	Govt. Hr. Sec School, Thimmanaickenpatty	500
2018	Dr.S.Shahitha	International Conference on Extremophilic Microbes for Sustainable Development in Agriculture, Environment &	Periyar University, Salem	3020

		Health		
2018	Dr.M.Mahima	International Conference on Extremophilic Microbes for Sustainable Development in Agriculture, Environment & Health	Periyar University, Salem	5250
2018	Mr.N.Anandharaj	UBA Workshop	IIT Madras Chennai	798
2018	Ms.P.Subha Mr.R.Vinothkumar Ms.P.Gomathi Ms.S.Sunhana Mr.P.Sabareesan	FDP- TCS BPS campus to Corporate	Vivekananda college of Arts & Science Tiruchengode	1500
2018	Dr.S.Anbagalan	International Conference on Phytomedicine	Bharathiar University Coimbatore	4000
2018	Dr.N.Sudhakar Dr.S.Anbalagan	IAAM National Conference on Human Microbime in personal medicine	JSS University, Mysore	6360
2018	Mr.D.Vijaya Kannan	National Conference - Access to live hood for person	Sri GVG Visalakshi College for women, Udumalpet	1500
2018	Mr.D.VijayaKannan Mr.T.Gopi MS.J.Vidya Mr.M.Mohanraj	Awareness programme for Training to Disabled Student Parent	Anaikum Karangal , Rasipuram	500
2019	Ms.D.Kavitha	International Conference on Contemporary Research trends in Mycology & Mycotechnology	Mother Theresa University, Kodaikanal	6178
2019	Ms.K.Chithra	International Conference on Contemporary Panorama of Bioscience '19	Sri Saratha College for Women Salem	500
2019	Dr.A.Anushapriya	Technical Symposium - AKSHAYAM-2019	Vivekanandha College for Women, T.Gode	2046
2019	Mr.Iqbal Dr.S.P.Vije Kumar Dr.H.Lookman Sethic	British Council - Advantage Meet	Taj Surya Hotel,Coimbatore	1337

2019	Mr.S.Sivakumar Ms.K.Prema	Faculty Training Programme	Vivekanandha College for Women, T.Gode	600
2019	Dr.G.Venkatesan	FDP on Video lesson making for MOOC's	Sankar College of Science & Commerce, Coimbatore	913
2019	Mr.T.Prabhu Mr.Ashwin	ICT Academy BRIDGE-2019	Hotel Le Royal Meridien, Chennai	4521
2019	Mr.V.Balachandar Ms.M.Sivambigai	CII - Workshop on GST Practical Problems & Solutions	CJ Pallazzio, Salem	3700
2019	Dr.N.Sudhakar Mr.Karthick	CII - Awareness session on Intellectual Property Rights & Cyber Security	Hotel Radisson, Salem	282
2019	Ms.P.Sneha Ms.R.Nithya	AWS - Cloud Master - 2019	K.S.R. College of Engineering, T.Gode	200
2019	Dr.S.Anbalagan	Short Term Course on Effective Teaching Skills	Pondicherry University, Pondicherry	2120
2019	Mr.M.Selvan	International Conference on Medicinal field of biology	Kamadhenu College of Arts & Science, Dharmapuri	4050
2019	Mr.N.Anandharaj	UBA Workshop	Bharathiyar University, Covai	4000
2019	Dr.M.Maghimaa	International Conference on Contemporary Research trends in Mycology & Mycotechnology	Mother Theresa University, Kodaikanal	6178
2019	Dr.N.Sudhakar	National Symposium on Graduate Research-19	Dr.N.G.P Arts & Science College, Coimbatore	9730
2019	Ms.D.Preetha Ms.G.Poornima	National Conference on TSNAHL-2019	K.S.R college of Arts & Science, T.gode	2446
2019	Dr.M.Devi P.Shobana Devi	6th National DNA Day 2019 (Symposium cum Workshop)	VIT, Vellore	5094

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

Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)
Stress Management	-	28.05.2019 to 29.05.2019	13
Workshop - Chromatographic Techniques		27.10.2018	28
Guest lecture-Opportunities as chemists in future		07.01.2019	5
Hands on training for soil analysis		07.02.2019 to 08.02.2019	4
Workshop on Food analysis technique		15.02.2019 to 16.02.2019	4
Hands on training for soil analysis		22.01.2019	1
Guest lecture on "Role of Chemistry in Real life & Tips for competitive Exams"		22.12.2018	8
Workshop on "Nano science and cancer drug delivery "		23.11.2018	26
Seminar Cum Exhibition on "Velan Thiruvizha -2018"		28.12.2018	2
Workshop on Sophisticated Instrument Handling		30.11.2018	13
	Instrument Handling Techniques	19.11.2018	40
	Instrument Handling Techniques	24.11.2018	35
Orientation Program for the Newly Appointed Staff by Principal		14.07.2018	39
Orientation on smart board		08.12.2018	74
Outline of Outcome Based Education		25.08.2018	240

Computer Technology Tips & Tricks"		09.02.2019	4
	IT Training	07.01.2019	30

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	Date and Duration (from – to)
"Short term course on Effective teaching skill'	1	03.01.2019 To 09.01.2019 (7 days)
Personality Development	1	(02.09.2018-07.09.2018) (5 days)
Faculty Training Programme	4	08.11.2018 to 09.11.2018 (2 days)
Decision Making Skills	4	15.11.2018 to 16.11.2018 (2 days)
Emotional Intelligence	2	18.07.2018 to 19.07.2018 (2 days)
One Day Training Programme for English Faculties	2	05.02.2019
British Council Program	1	08.06.2019
Introduction to PHP Programming	2	28.09.2018 - 29.09.2018 (2 days)
Introduction to Python Programming	2	12.10.2018 - 13.10.2018 (2 days)
Intellectual property rights and innovation	1	27.10.18
Quality Measures in Higher Education	1	3.12.18-09.12.18 (6 days)
Data Structures and Algorithms	1	16.11.2018 - 17.11.2018 (2 days)
AWS ICT Academy Training	2	26.03.2019
CREATIVE THINKING -ICTACT	1	07.06.2019-08.06.2019 (2 days)
Quality Enhancement in Teaching, Learning and Research (QETLR-2018)	1	30.11.2018 to 1.12.2018 (2 days)
SMART GEO SURVEY & SMART GEO PRA FOR UBA 2.0: A Model of Gram SWARAJ	1	25.1.2019 to 26.01.2019 (2 days)
Faculty Training Programme	2	07.02.2019 to 08.02.2019 (2 days)
Training Programme on Data Structures and Algorithms for Computer Science Faculties	2	16.11.2018 to 17.11.2018 (2 days)
Demo session on 3D printing	1	30.11.2018
AUTONOMY -An Overview	240	30.5.2019

Leadership Skill	1	10.12.2018 to 11.12.2018 (2 days)
TCS Program	1	03.09.2018 to 07.09.2018 (5 days)
Global Business Foundation Skills Training	1	12.06.2019 to 20.06.2019 (10 days)
Classical and statistical mechanics, and Quantum mechanics	2	15.11.2018 to 16.11.2019 (2 days)
Campus to Corporate Program	4	03.09.2018 to 07.09.2018

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):			
Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
244	244	44	44
6.3.5 Welfare schemes for			
Teaching		91896	
Non teaching		553835	
Students		158440	
Total Amount in Rs:		8,04,171	

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Muthayammal college of Arts & Science has a systematic internal and external audit process. The Internal Quality Assurance Cell (IQAC) has formulated the internal Audit Committee members approved by the college Principal and the Management

Academic Audit

The scientific and systematic method of reviewing the quality of academic process of the institution:-

During the academic year 2018-19 the audits had been conducted for various department and cells. The IQAC nominated 11 senior Heads of the departments as committee members to process the audits. The metrics for the audits have been framed on the basis of the criterion NAAC. Some of the quality metrics are

- Admission vs Intake
- Quality of a staff
- Paper/Book publishing (national or International)
- Project Grants received (Govt/Non Govt)
- Examination Result Analysis (odd/even Semester)
- Student Out gone etc

The above stated metrics have been analyzed thoroughly and checked with proper evidence of the documents by the members. If documents are well prepared and properly produced, letter grade is awarded by the committee member to the auditing departments and cells of the institution. Finally the IQAC converted the letter grade in to marks and a consolidated report would be generated to identify the

strength and weakness of the respective departments. The SWOC analysis report has been submitted to the principal and the plan of action would be drafted to enhancing the quality of academic activities of the Institute.

Stock Audit

The Stock Audit was also conducted by the Asset management and Library management of the institution. A Google spread sheet was designed and the link was sent to every head Corporate mail id which consists of the following

- Non Consumable Instruments
- Consumable Chemicals
- Consumable Glassware's
- Service requirements.etc

A stock audit report form is submitted by the members to the Principal and feedback suggestions are taken into consideration by the management

Administrative Audit

MUTHAYAMMAL EDUCATIONAL AND CHARITABLE TRUST was registered on 05.06.2009. From the inception to till date, trust accounts are Internally & Externally audited by R.R.Rajkumar & Associates Chartered Accountants. The report is filed at the last week of every September.

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/ Grants received Amount in Lakh	Purpose
KKP Spinning Mills Private Ltd	8.90	Corporate Social Responsibilities
Salem Ladies Circle	0.51	Handicapped Programme
Salem Round Table	0.51	Handicapped Programme
6.4.2 Total corpus fund generated Amount in Lakh :		9.92

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	-	-	Yes	Principal
Administrative	Yes	Mr.R.R.Rajkumar C.A., DISA Auditor Chennai	-	-

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

- Department wise Parents meeting
- Phone follow up to parents if students is absent
- Semester exam result and parent minutes register were maintained by the each department

6.5.3 Development programmes for support staff (at least three)	
<ul style="list-style-type: none"> • Faculty development/Training Program by the management finance support • Infosys field visit for faculty • Workshop for staff 	
6.5.4 Post Accreditation initiative(s) (mention at least three)	
<ul style="list-style-type: none"> • NIRF 2017 RANKING -secure 84th in college category • DBT star Scheme Rs:104 lakhs in 2018 • DST FIST Funded Rs:40 lakhs in 2018 	
6.5.5	
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 activity	Duration (from-----to-----)	Number of participants
2018	Orientation for Newly appointed staff Program organized by Principal	14.07.2018	14.07.2018	30
2018	" HODs Meeting –Agenda - Internal I Exam - University Exam Fees Regarding - Discipline Issues - Others"	18.07.2018	18.07.2018	26
2018	OutCome Based Education- Knowledge Sharing program by Principal to All staff	25.08.2018	25.08.2018	245
2018	Swachatta ranking of higher education Institution meeting	27.08.2018	27.08.2018	245
2018	Periya runiversity - inviting nominations best researcher Award among the teachers of affiliate college meeting	08.09.2018	08.09.2018	50
2018	India today best college ranking orientation & meeting (BCA, Microbiology & commerce)	16.11.2018	16.11.2018	52
2019	Periyar university IQAC workshop- NAAC Accreditation and NIRF	12.01.2019	12.01.2019	1

2019	National level Awards-2019. Dr.Kalam Educational trust to apply for awards	02.04.2019	02.04.2019	50
2019	UBA national workshop meeting	13.03.2019	13.03.2019	6
2019	Autonomy an Overview-FDP program	30.05.2019	30.05.2019	245
2019	ONDUTY for SET/Net Examination for staffs-policy meeting	04.06.2019	04.06.2019	240
2019	UGC-NSQF level-4 Certificate course registration meeting	25.06.2019	25.06.2019	6

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-to)	Participants	
		Female	Male
Guidance & Counselling programme for I year Girls	27/6/2018 – 28/6/2018	2285	0
Seminar on “Art of Parenting” by Jc.JFP Lavanya Yuhandhar, JCI National Trainer	17/7/2018	96	0
Women Entrepreneurial Activities (Women’s Bazaar’18)	12/12/2018 –13/12/2018	2587	0
Health Awareness Programme for Adolescent Girls by JFF Rajeswari Venkatraman, JCI National Trainer	24/01/2019	380	0
Counselling the students who have different kind of Psychological Problems	June 2018 – Sep 2018	64	0

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources		
NIL		
7.1.3 Differently abled (Divyangjan) friendliness		
Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	4
Ramp/ Rails	Yes	10
Braille Software/facilities	Yes	1
Rest Rooms	No	0
Scribes for examination	Yes	7
Special skill development for differently abled students	Yes	15
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

	advantages and disadvantages	and contribute to local community				
	7	2	17.06.2018 & 1 day	NSS students Food Supply service to Public in Temple function	Plastic Usage	20
			11.08.2018 & 1 day		Waste disposal	25
			22.09.2018 & 1 day		Usage of water	40
			06.10.2018 & 1 day		sanitation	60
			13.10.2018 & 1 day		Drainage	35
			09.02.2019 & 10.02.2019 2 days			40
	1	1	13.02.2019 & 1 day	Awareness Program	Agricultural	10

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Academic calendar –student & staff	29.05.2018	<p>The code of conduct (Diary) for Students</p> <ul style="list-style-type: none"> • Students Admission regulation as per University Norms • Conduct of students discipline • Rules of Attendance • College library Rules and Regulation • Anti-Ragging Regulation • Dress code regulation (Boys & Girls) • Hostel Rules & Regulations • Guidelines for International Students <p>The code of conduct (Diary) for Staff</p> <ul style="list-style-type: none"> • Staff Recruitment Procedure • Working Hours • Faculty Development Program • EPF /Insurance • Management Sponsorship • Faculty Leave Policy • Job Responsibility • Performance Appraisal • Resignation terms and others <p>http://muthayammal.in/Mcas%20Staff%20cal%2018-19.pdf</p>

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-----to-----)	Number of participants
World AIDS day	07.12.18	300
Deworming Day Celebration	10.08.18	1500
Dengue Day	13.11.18	240
The World Yoga Day Celebration	21.06.2018	100
World Environment Day	05.06.2019	100

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

1. Solid Waste Management

The solid waste generated from the college is effectively recycled. The solid waste generated in the Institutes are mostly waste papers, answer scripts and domestic waste like kitchen wastes. The Institutes make necessary arrangements for disposal of solid waste. Kitchen waste is taken care by Vermi composting and the waste papers have been recycled. Recycling has helped in maintaining the environment by reusing rather than heaping up waste.

2. Green House

The college has its own Green house, which is a source of sapling for lawns with hedges, flower beds and potted flowers which adds to the greenery and picturesque surroundings.



3. Eco – Friendly Bags

Students from the Department of Textile & Fashion Designing have converted waste papers into eco-friendly carry bags and showed their support towards No Plastic Usage. The students made paper bags of different sizes using old newspapers. The students formed a group with teacher accompanying them, to distribute the bags, The institution encourages this activity to make the students realize the importance of protecting our environment.



4. Dustbins

Our college supports the notion of clean and green campus and therefore dustbins are installed at location wherever dustbins are required to prevent littering of waste. Wet and dry wastes generated at the campus have been segregated and collected in different dustbins.

5. Rainwater Harvesting Awareness Programme

Harvesting of rain water is a technique of increasing the recharge of groundwater by storing rainwater locally, through roof water harvesting and refilling of dug wells. The main objectives of rainwater harvesting are

- to meet the increasing demand of water.
- to raise the underground water level.
- to reduce groundwater pollution
- to supplement domestic water needs

7.2 BEST PRACTICE

7.2.1 – Describe at least two institutional best practices



MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE, RASIPURAM

BEST PRACTICE 2018-19

BEST PRACTICE I

TITLE OF THE PRACTICE:

WOMEN EMPOWERMENT AND ENTREPRENEURIAL SKILL DEVELOPMENT AND WOMEN'S BAZAAR

The women empowerment and Entrepreneur skill in education increases "people's self-confidence" and also enables women's educational empowerment to make choices that improve their children's health, their well-being, and chances of survival. It even empowers women to sternly decide on marriage and giving birth to a fewer children. Women's education can increase women's awareness of their rights, boost their self-esteem, and provide them the opportunity to assert their rights. Women's Bazaar-2018 for girl students was conducted by Women's Forum to improve the entrepreneurial skills among our girls students.

GOAL:

- To obtain an income that enables participation in economic decision-making
- To make life-determining decisions through problems of varied nature in society

CONTEXT:

Women empowerment has been a significant topic of discussion in the development of economics and education. It can also point to the approaches regarding other trivialized genders in a particular political or social context.

PRACTICES:

- The management has installed the Women's forum functioning with a Coordinator an assistant coordinator and members
- Programmes are conducted to create an awareness about entrepreneurship among the girl students
- Entrepreneur Awareness Program had been a two day event and 29 staff had been permitted to transact business

EVIDENCE OF SUCCESS

Agenda:

Date	Session	Time	Participants
12.12.2018	FN	10.15am - 11.15am	A Block, BBA,BBA(CA) & Bio-Tec Girls Students
		11.15am - 12.15pm	BCA, CS, Chemistry & MPTI (Polytechnic) Girls Students
12.12.2018	AN	01.30pm - 02.45pm	C Block, Zoo & Physics Girls Students
		02.45pm - 03.45pm	Maths, EC & MCED (B.Ed College) Girls Students
13.12.2018	FN	10.15am - 11.15am	C Block, Zoo & Physics Girls Students
		11.15am - 12.15pm	Maths, EC & MCED (B.Ed College) Girls Students
13.12.2018	AN	01.30pm - 02.45pm	A Block, BBA,BBA(CA) & Bio-Tec Girls Students
		02.45pm - 03.45pm	BCA, CS, Chemistry & MPTI (Polytechnic) Girls Students

PHOTO PROOF:





ULTIMATE OUTCOME

Number of Students Participants

Girls students – 2418(MCAS) + 86(MPTI)+83(MCED)

Total Strength - **2587.**

MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE,RASIPURAM										
Women's Bazaar'2018 - SALE DETAILS										
Venue : A - Block Girls Dinning Place										
S.No	Name of the student	Roll No	Branch	Block	Dept	Stall name	12.12.2018	13.12.2018		
1	M.Vethana	17UCM150	II-B.COM C	A	COMMERCE	SNACKS	3000	3200		
	S.Kalaivani	17UCM169				SAREE . CHUDI	1500	5000		
	S.Sowmiya	17UCM135				MEHANDHI	970	1900		
2	G.Poojari	18UCM073	I B.Com			BIO-CHEMISTRY	MEHANDHI	1000	1500	
	K.Mohana Piyadharani	18UCM056			SNACKS		425	485		
	S.Pavithra	18UCM071			FANCY ITEM		1300	1900		
3	S.Ranjani	18UCM068	I B.Com		MICRO-BIO		Facial . Nail Art	500	1100	
	S.Niha Roshini	18UCM067				FANCY ITEM		2000	4000	
	A.Sridevi	17UCM136				MEHANDHI		1050	950	
4	A.Vijayaseanthu	17UCM161	II-B.COM C			CHEMISTRY	FANCY ITEM	1300	1600	
	V.Shalini	17UCM128			FANCY ITEM			2000	1500	
	S.Verutha	18UBC042			SNACKS			500	900	
5	P.Bhuvaneshwari	18UBC022	II-B.SC Bio chem		COMPUTER SCIENCE			SNACKS,COSMETICS	1000	1500
	A.Haripriya	18UBC012				SNACKS,COSMETICS	1000		1500	
	P.Shanmugapriya	16UBC28				SNACKS,COSMETICS	1000		1500	
6	M.Menaka	16UBC13	II-B.SC Bio chem			COMPUTER APPLICATION	FANCY ITEMS,NAIL ART, MEHANDHI, SNACKS		1560	1000
	G.Madhammal	16UBC40			FANCY ITEMS,SAREE ITEMS			2660	1700	
	A.Prageetha	16UBC18			FANCY ITEMS,NAIL ART, MEHANDHI, SNACKS			1300	200	
7	R.Srinathi	16UBC49	II-B.SC Bio chem		TFD			FANCY ITEM	300	600
	M.Nadhipriya	16UBC14				DRESS	500		4000	
	R.Prema	18AMB005				FANCY ITEM	385		1500	
8	S.Jeevitha	18AMB001	I.M.SC Microbio			MATHEMATICS	BANGLES&EARRINGS		3000	2000
	D.Sugavarashini	18UMB031			SNACKS			2020	1800	
	S.Tharani	18UMB038			EARING &MEHANDHI			2500	1500	
9	M.Vaishnavi	18UMB039	I.B.SC Microbio		PHYSICS			FOOD ITEMS,EARRINGS	1000	1000
	R.Swathi	18UMB035				NIGHTY	2140		6000	
	R.Nandhini	18PCH020				MEHANDHI	1740		1900	
10	G.Nandhini	18PCH019	I.M.Sc Chem			C	ENGLISH		SNACKS	4000
	R.Ranya	18UCH023			SNACKS			4000	4000	
	R.Indhumathi	17UCS040			SNACKS			4000	4000	
11	K.Arumpriya	17UCS006	II.B.SC CS		POLYTECHNIC		S.E.D	SNACKS	4000	4000
	S.Arthi	17UCS004						SNACKS	4000	4000
	R.Sarumathi	17UCA107						SNACKS	4000	4000
12	S.Vahini	17UCA124	II.BCA					EXTERNAL	Dress	
	K.Ranya	17UCA097								
	B.kalaivani	17UEN139								
13	M.Aarthi	17UEN001	II B.A ENG	D	TFD					
	V.Kaviya	17UEN039								
	M.Vinothini	17UEN129								
14	N.Birneswari	17UEN009	I MA-ENG		MPTI	MEHANDHI				
	R.Maheswari	18PEN009								
	K.Purnitha	17UEN0187								
15	M.Kumutha	17UEN139	II B.A ENG				M	B.E.D		
	S.Preetha	17UEN001								
	R.Madhubala	17UEN129								
16	S.Dharani	17UTF005	II-B.Sc-TFD		M	POLYTECHNIC				
	D.Jeeva	ALUMINI TFD								
	M.MohanaPriya	17UTF057								
17	M.Pooja	18UTF025	I-B.Sc-TFD	M				POLYTECHNIC		
	R.Manju	18UMA105								
	S.Nirithika	18UMA093								
18	M.Swathi	18UMA210	I-B.SC MATHS			M			POLYTECHNIC	
	N.Deepa	17PMA010								
	K.Saranya	17PMA041								
19	P.Kavipriya	17PMA022	II.M.SC MATHS				M	POLYTECHNIC		
	V.Ranya	17PMA039								
	S.Swarya	17PMA045								
20	M.Saranya	17PMA043	II.M.SC MATHS		M				POLYTECHNIC	
	M.Sharmila	18UMA180								
	A.Umabharathi	18UMA214								
21	M.B.Poornima	18UMA246	I-B.SC MATHS	M				POLYTECHNIC		
	A.Swetha	18UPH105								
	S.Roja	18UPH116								
22	C.Srivaishnavi devi	18UPH099	I-B.SC PHYSICS-C			M			POLYTECHNIC	
	R.Shindu	18CT019								
	S.Gnaneshwari	18CT051								
23	A.sahirabanu	18CT031	MPTI				M	POLYTECHNIC		
	P.Swarnapriya	18CT052								
	V.G.Aarthi	18CT043								
24	K.Durga	18CT004	MCED		M				POLYTECHNIC	
	B.Basheerabanu	17BD007								
	D.Priyadharini	17BD050								
25	N.Rejina	outside	Erode Stall	M				POLYTECHNIC		
TOTAL SALES									42650	59385

PROBLEM ENCOUNTERED AND RESOURCES REQUIRED

- Not aware of entrepreneurship skill
- No idea to start up small Business

FEEDBACK OF STUDENTS



Sindhu Raja <sindhusakthivel06@gmail.com>
to me

11:39 AM (2 hours ago) ☆ ↶ ⋮

Graceful morning: sir/ madam

I am proud to say that , this particular opportunity was very useful to me .from this event I had learnt many tricks about business. I earned more profit by using this bazaar. it was a new experience to participate in this event .I have learned more about "ENTREPRENEURSHIP". A SUCCESSFUL PERSON NEVER LOSES... THEY EITHER WIN OR LEARN. I learned from this event I kindly request you to cordially invite me for upcoming events. I'M S.GNANESWARI (CSE 1ST YEAR) from MUTHAYAMMAL POLYTECHNIC INSTITUTION.

THANKING YOU

YOUR'S FAITHFULLY

S.GNANESWARI

feedback about stall from MPTI Inbox x



Sindhu Raja <sindhusakthivel06@gmail.com>
to me

10:44 AM (3 hours ago) ☆ ↶ ⋮

Good morning:sir/madam

Thank you very much for giving this opportunity.I'm very much glad to participate in the WOMEN'S BAZAAR 2018 .It's much appreciated for me that we are the FIRST BATCH to participated in the stall.I have enough of profit through this program I kindly request you to conduct this type of program spontaneously.I'M R.SINDHU (cse 3rd year) from MUTHAYAMMAL POLYTECHNIC INSTITUTION.

thanking you

your's faithfully
R.Sindhu

BEST PRACTICE II

TITLE OF THE PRACTICE: "EACH ONE SERVE ONE"

GOAL:

To adopt a village by each department of Muthayammal college of Arts and Science and conduct Activity in rural areas (Child Education, Clean India, Awareness, Digital India & others)

CONTEXT:

An extension task is further activity around the aims of a class but after it, often as fieldwork. Extension tasks can provide more, or different, forms of practice. They can also make classroom learning more meaningful, as they give learners a chance to personalize language and content.

PRACTICES:

Awareness provided to school students in regards with (Plastic waste & usage awareness, Agriculture and plant saplings, Laboratory awareness to the Aringar Anna Government Arts college students, Skill development orientation to school students, Cholera, dengue fever, Polio militias and personal hygiene awareness, guidelines for stress management, Enhancing communication skill. Subject knowledge enhancement opportunity given to the school students. Usage of ICT tools and applications are taught.

EVIDENCE OF SUCCESS

- 15 departments Take Part in the Activity
- Total staff: 30
- Total students: 200
- Total public : 277

PHOTO PROOF



Use a Reusable Beverage Containers



Save Electricity! Save Water!



“Awareness about usage pattern of ATM”



“Awareness on Women’s Safety app in rural area”



“Physical and Mental Activity”



“Hygienic Practices”



“Awareness of Cleaning and Tree Planting”



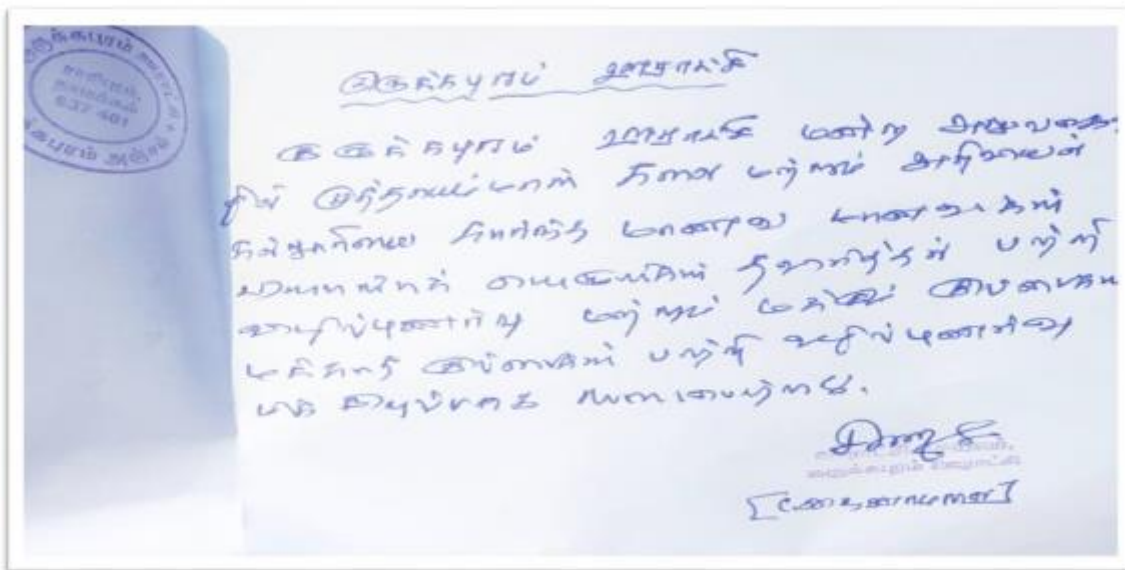
“Plastic Awareness”

ULTIMATE OUTCOME

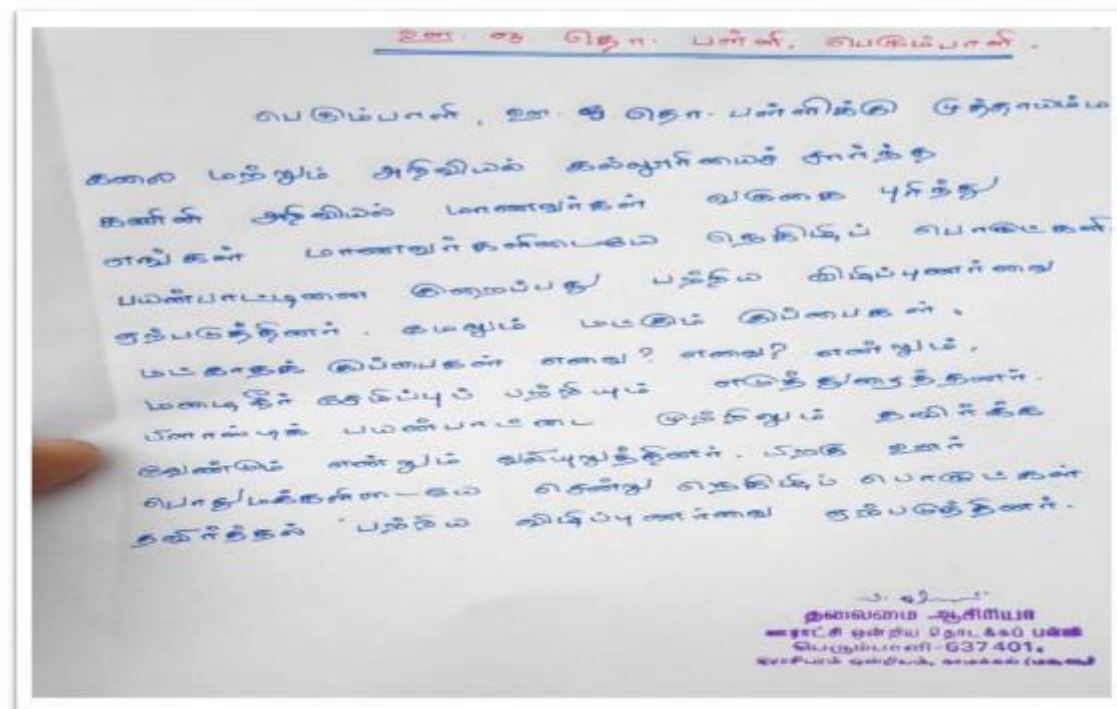
S.NO	Department	Activity	Place	Date	No. of staff	No. of students
1	Biochemistry	BMI calculation for school students	GTR Hr. Sec. School, Semmedu, Kolli Hills	13.11.2018	2	50
2	Biochemistry	BMI calculation for school students	Govt. Hr. Sec. School, Senkarai, Kolli Hills	13.11.2018	2	60
3	Mathematics	Extension Activity	Tamilnadu association For the blind, salem	13.10.2018	2	4
4	Statistics	Extension Activity	Veelampalayam Village-Selliypalayam, Rasipuram.	08.02.2019	2	20
5	Tamil	Ezhutharivu Mugam	Ayilpatti	10.02.2019	2	-
6	BBA	Awareness on protecting Environment and Human Health	Government Hr.Sec.School, Maniyanoor, Salem	22.01.2019	1	5
7	BBA	Awareness on ATM Card Usage to the public	Government High School, Alagapuram, Salem	20.01.2019	1	2
8	BCA	Awareness on Women's Safety app in rural area	Lotus Holistic Healing Center, Vennandur	14.11.2018	2	4
9	BCA	Activity Based Class Room Teaching for School Children	Arutperunjothi Vallalar trust, Thiruvannamalai	15.05.2019 & 16.05.2019	2	NIL
10	Biotechnology	Awareness on Hygienic Practices	Government Primary School, Vengayapalayam	11.04.2019	1	1
11	Commerce	Rural Cleaning And Tree Planting	Poosaripalayam Village	13.02.2019	2	14
12	Computer Science	Plastic Awareness	Kunavelampatty Puthur Village Kurukkupuram	23.11.2019 & 24.11.2019	3	14
13	E&C	Installation of Wireless switch	Social Welfare Hall, Salakadu	23.01.2019	2	5
14	Foundation English	Awakening on Pursuing Higher Studies in English	Government Tribal Higher Secondary School, Kolli hills	13.11.2018	5	4
15	Physics	Awareness program of Energy Consumption	Primary School, Kallangulam	15.02.2019	1	15

FEEDBACKS

1. Feedback given by kurukkupuram Village panchayath Chairman



2. Feedback given by Head Master-Govt Primary School Perumpalli Village



7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

Provide the web link of the institution in not more than 500 words

Muthayammal College of Arts & science embarked on its career towards success in 1994 and still it is relentless to serve the cause of the rural students.

- It has been relentless in its mission to seek, strive and achieve dizzy heights in arts and science by imparting quality education. The college got it approved by the Tamil Nadu Government in 1994(G.O No: 748, dated: 31/08/1994).
- It sounds pleasant to specify that MCAS has been feathered with NAAC ‘A’ grade and 2(f) & 12 (B) status affiliated to Periyar University, Salem, Tamilnadu India.
- Department of Biotechnology (DBT) and Ministry of Science and Technology recognized our College with “STAR SCHEME” cap and five Departments (Computer Science, Biotechnology, Biochemistry, Microbiology, Chemistry) have been sheltered under the star scheme. MCAS has been awarded with FIST –DST (Department of science and Technology).
- As one of the top ranked institutions our college was ranked 86th in college category by National Institutional ranking Framework -2017,Ministry of Human Resource Development, Government of India.
- Dept. of Bio-chemistry was ranked among Top 100 Best Science Colleges in India By India Today and MDRA Ranking 2018
- Dept. of BCA was ranked among Top 50 Best BCA Departments in India By India Today and MDRA Ranking 2018
- Dept. of Microbiology was ranked 95th among the Best Science Colleges in India By India Today and MDRA Rnking 2019
- Dept. of BCA Ranked Among Top 60 Best BCA Department in India By India Today and MDRA Ranking 2019
- Dept. of Commerce Ranked Among Top 119 Best Commerce college in India By India Today and MDRA Ranking 2019
- A modern animal house is the latest addition and this institution is the first among the colleges affiliated to Periyar University to obtain ethical clearance from the Ministry of Environment and Forests (Reg. No. 1416/a/11/CPCSEA).
- The college offers 18 Undergraduate, 15 Postgraduate, 8 M.Phil and 7 Ph.D programmes catering to the changing needs of the industry. The learning environment in the college brings together the best of infrastructure and human resource enriching the treasure trove of knowledge the students aspire for.

- Total students strength of our institution is about 4925 and it's a Co-Education
- A fleet of 84 buses provides transport to day scholars.
- The colleges has 245 teaching faculty's with 35 Ph.D. holders and 22 have cleared either NET/SET examinations.
- The college encourages the students to undertake a few of the 37 value-added programmes for purpose of which MCAS has signed 27 MOUs with the respective associations. The curriculum is also enriched by conducting some certificate courses.
- There are 35 various cells & clubs in operation in the college
- Community college functioning with 3 courses like tailoring, baking & computer to train external participants.
- A patent was granted from Australian government to Dr.N.Sudhaker for the title "Developing an Artificial Intelligent immune system network for industrial Application" in 2017.
- 22 of our staff members have published their research findings in 63 research journals of national/International repute. The value of impact factor is 0.1 to 5.31.
- Our college stands atop with her crown studded with 107 Gold medals and 725 (since 2003) Ranks in the Periyar University examinations.
- Our college has breezed past other institutions and registered her stamp in sports and games too.
- During the academic year 2018-19, we won 225 Gold medals, 137 Silver medals and 121 Bronze medals at National Level, South Zone Level and State Level Championship held at various places in India. Totally 483 medals had been bagged.
- MCAS imparts higher education by infusing initiatives in all our endeavours and encourages intellectual, emotional and spiritual growth. The college aims at nurturing a committed, knowledgeable and socially responsible generation.
- The college adopts strategies to attain milestones without compromising on the quality of education. The college fondly works at the grass-root levels by making education their intimate duty. It enriches their skills and eventually extricates them from the clutches of social and economic binds.
- <http://muthayammal.in>

8. Future Plans of action for next academic year (500 words)

- To climb upto UGC Autonomy Status
- To implement Outcome Based Education System
- To establish Technology Incubation centre
- To sign Institute Industry Collaboration
- To Publish paper in quality journals of WOS/SCOPUS/SCI
- To upgrade Staff Qualification as per UGC Norms
- To adopt villages in Namakkal District to create awareness about SWACHHA,UBA
- To conduct science exhibitions
- To organize inter/intra college events
- To create linkages with research institutions
- To introduce SWAYAM Courses
- To conduct NSQF courses
- To achieve 100% Placement
- To promote students to qualify themselves to pass National/International level examinations
- To implement renewable energy sources to meet the needs of the institutions
- To conduct Entrepreneurship promotion programs

Name S. SANTHOSH

Name Dr. R. Selvakumaran

S. Santhosh

Signature of the Coordinator, IQAC

Dr. R. Selvakumaran

PRINCIPAL,
MUTAHYAMMAL COLLEGE OF ARTS & SCIENCE,
RASIPURAM - 637 408,
Namakkal Dist.



ACTION TAKEN REPORT

(2018-19)

Plan of Action By IQAC charted during July 2018	Outcome Achieved by June 2019
To encouraging staff to register for PH.D	7 were registered and 1 have been awarded PH.D
To Achieve 100% of (UG/PG) Graduation during the year 2018-19	71% of students have been eligible for graduation
To Participate students in Skill Courses	1959 students were benefitted
To admit 100% of the students as per the intake sanctioned UG-1826 INTAKE PG- 588 INTAKE	UG- 1529,PG- 280 75% were admitted
To conduct 50 NSS events during the year	31 events had been conducted
To conduct Blood Donation camps and collect 500 units of blood (YRC & RRC)	5 camps were completed 368 units of bloods were collected
To enrol students to appear for BEC Cambridge Exam	403 have attended the BEC exam and got certification
To achieve 100% placement of the graduates	77% have attained placements (540 placed instead of 703 students)
To vitalize any five departments to apply for grants and get it sanctioned under DBT Star Scheme	Departments of (Computer Science, Biochemistry, Biotechnology, Microbiology,& Chemistry) received 83% grants
To Apply for and garner DST/FIST grants	DST FIST grants received 95%
To haul an India-Today MDRA ranking For BCA department	Achieved 60 th rank among 80 colleges in India
To snatch India-Today MDRA ranking For the department of Microbiology	Honoured with 95 th among 100 colleges in India
To haul an India-Today MDRA ranking For Commerce department	Achieved 119 th rank among 145 colleges in India
To win a prestigious position in MHRD-NIRF 2019 Ranking College & Overall category	Entry made in College & Overall category
To Adopt Villages under UBA Activities	4 villages have been adopted under Namakkal District Collector approval on 05.10.2018
To Publish atleast two Papers a Department in	Publications Web of Science=43, SCOPUS =56

UGC reputed Journals	TOTAL = 99 ACHIEVED Web of Science citation= 202 Scopus citation = 278
To collect 100% alumni feedback from 1375 Graduated Students	90% of Alumni feedback had been collected from(1242 students)
To conduct and collect 100% curriculum online feedback from students	online based curriculum feedback has been collected
To win 500 medals in various sports and games	331 medals won
To apply and get a minor projects sanctioned from TANSOST/UGC/ICSSR	5 minor project sanctioned
To upload 100% e-notes of the UG/PG courses	100% uploaded
To produce atleast 10 gold medallists in the for Periyar University Examinations 2018-19	Produced 3 Gold Medallist
To acquire atleast 3 Rank Holders by 14 Departments in Periyar University (UG/PG) Examinations 2018-19	21 Rank Holder had been acquired
To visit 18 schools and conduct extension activities	18 departments have materialized extension activities
To identify the staff performance for Annual IQAC Awards 2018	10 staff have been honoured with IQAC Annual awards
To achieve 100% college overall attendance	93.82% attendance achieved on March 2019
To Conduct Parameter review cycle (Management Review System)	Review Meeting have been conducted and updated in online format
To conduct internal Academic Audit of the year	Conducted
To Conduct Administrative Audit of the Institute	Conducted
To Conduct Green audit by Eco club	Green Audit Conducted
Incremental Process of the year 2018-19	processed
Faculty participation in conference /Symposia	126 staff were participated in International/National/State level conferences
To inaugurate Alumni Chapter of the Institution	1 Alumni Chapter were Inaugurated at CJ Pallazzio Salem on 19.08.2018
