

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



To
The Director
National Assessment and
Accreditation Council
Bengaluru

ANNUAL
QUALITY
ASSURANCE
REPORT
(2016-17)



ESTD-1994

www.muthayammal.in

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution	MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE
1.2 Address Line 1	KAKKAVERI POST
Address Line 2	RASIPURAM TALUK
City/Town	NAMAKKAL DISTRICT
State	TAMILNADU
Pin Code	637 408
Institution e-mail address	admin@muthayammal.in
Contact Nos.	04287-222137
Name of the Head of the Institution:	Dr. R.SELVAKUMARAN
Tel. No. with STD Code:	04287-226763
Mobile:	+91 9965587437

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.04	03.03.2015	5 Years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY

1.8 AQAR for the year (for example 2010-11)

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR __ AQAR 2015-16 submitted to NAAC on __ (29/07/2016)
- ii. AQAR__ AQAR 2016-17 submitted to NAAC on __ (14/08/2017)
- iii. AQAR_____ (DD/MM/YYYY)
- iv. AQAR_____ (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Periyar University, Salem,
Tamilnadu, India

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

Nil

University with Potential for Excellence

Nil

UGC-CPE

Nil

DST Star Scheme

Applied on
13.07.17

UGC-CE

Nil

UGC-Special Assistance Programme

Nil

DST-FIST

Applied on
19.06.17

UGC-Innovative PG programmes

Nil

Any other (*Specify*)

Nil

UGC-COP Programmes

Nil

2. IQAC Composition and Activities

2.1 No. of Teachers

20

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

2

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

Nil

2.7 No. of Employers/ Industrialists

Nil

2.8 No. of other External Experts

3

2.9 Total No. of members

28

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

EMOTIONAL INTELLIGENCE
PROGRAM FOR RESEARCH ENHANCEMENT
ART OF TEACHING

2.14 Significant Activities and contributions made by IQAC

- The IQAC continuously strives to maintain quality and periodically fixes benchmarks for various quality-based activities of the institution.
- The IQAC conducted every month a review of activities of each department to be aware of the progress made by each department. Suggestions and tips were offered to quicken various processes taking place at the departments.
- The IQAC prepared the academic calendar a couple of months before the commencement of the academic year 2016-17. This calendar provides information with regards to working days, holidays, last day for payment of various fees to the college and hostel and commencement of college & university exams etc.
- The principal Chairperson of IQAC conducted orientation programs for the newly recruited to fine-tune their teaching skills. He explained the ways and means of delivering an effective lecture.

- During the academic year 2016-17, a new degree course viz B.Sc., (ZOOLOGY) was introduced.
- For the I UG students bridge courses had been conducted.
- MHRD by a way of All India Survey on Higher Education required the college provide information with regard to student intake, SC/ST strength, Pass percentage, financial information, infrastructure, scholarship & staff details etc. These data had been prepared and sent.
- During the academic year 2016–17, one national level seminar titled “National level Conference on Emerging Challenges in Material Science (SPEC 2017) was successfully conducted by the Physical Science departments on 27th and 28th January, 2017.
- As a result of the encouragement and motivation provided by the IQAC **5** of our staff members got qualified for the Ph.D. degree and **11** staff members successfully passed SET-2016.
- The IQAC always encourages students and staff to participate in state/national/international level seminars/symposia/workshops/training program etc. conducted by governmental agencies/universities/colleges.
- A dedicated centre for Research and Development had been set up during this academic year. The centre is headed by Dr.N.Sudhaker assisted by 4 members. The prime objective of the centre is to prepare major/minor research projects and forward the same to the funding agencies. They are deputed with responsibility to guide students for M.Phil. /Ph.D. degrees.
- One of the important achievements of R&D centre is that Dr.N.Sudhagar obtained one International Patent from the Australian Government.
- **102** members of staff at Muthayammal College of Arts & Science attended conferences at state/national/international level, **39** staff members presented research papers in seminars and conferences.
- During the academic year (2016-17), **7** of our staff members had been awarded for the best paper presentation/publication.
- The IQAC based on various academic parameters identified the best student from each department and honoured them with awards during the annual day celebrations. Likewise, the best alumnus was selected and awarded.
- Immediately after the publication of university results, a review of the performances of the students department wise was conducted at IQAC. Reasons for the poor performances have been identified in consultation with HODs and senior staff members they have been instructed to constantly monitor the follow-up activities of their departments.

- The IQAC provided all the necessary data information to the NIRF coming under MHRD NIRF has ranked our college **86th** among the colleges in India. This achievement, indeed, is one more feather added to the cap of Muthayammal College of Arts & Science.
- IQAC is quite content with the remarkable work done by placement cell that has invited trainers from renowned companies viz Infosys, TCS etc. to provide training in skill development As a result, a good number of students had been well-placed in established concerns like the ones foresaid.
- During the academic year 2016-17, TCS provided Free Employability Training to our students As many as **460** students got placed in the campus drive arranged by the placement cell.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<p>Curriculum Enhancement</p>	<ul style="list-style-type: none"> ▪ B.Sc., (Zoology) CBCS Pattern affiliated by Periyar University, Tamilnadu, India was introduced during the academic year 2016-17. ▪ 3 Ph.D. programs had been introduced in Statistics, Tamil & Business Administration. ▪ 17 Free Certificate courses related to major subjects had been materialized. 765 students were awarded free certificates. ▪ 35 Technical and Skill Based value added courses were conducted. 1762 students had acquired job-oriented skills.
<p>Teaching & Learning Resources</p>	<ul style="list-style-type: none"> ▪ Mr. Balaji Relationship Manager, ICT Academy Chennai conducted a program “Employability Skill Training cum Placement Drive” on 26.11.16. 150 candidates took part in the programme. ▪ AICTE invited renowned personalities like Dr. Anil Sahasra Budhe Chairman AICTE, Mr. Adesh Gokhale, Executive Director, IBM India, Mr. Gireendra Kasmalkar, Founding Director, Ideas to Imckathon Problems. AICTE – “Smart India Hackathn” was conducted on Social Media Interaction with Students & Staff to Launch ‘India’s Idea Leadership

	<p>Talk Series' over Facebook Live.</p> <ul style="list-style-type: none"> ▪ Mother Teresa Women's University in Kodaikanal, Tamil Nadu, India, conducted the Tamilnadu State Level Eligibility Test 2016. In that examination, 11 of our staff passed.
Research Expertise Sharing	<ul style="list-style-type: none"> ▪ During 2016-17 academic year, 5 of our staff members of various department were awarded Ph.D. ▪ A book titled “Computer Hardware and Networking” by our staff members A.S.SyedNavaz & M.Balaji with ISBN: 9789352676972 on May–2017 was published. ▪ Prof .Porcezian, Dept of Physics Pondicherry University resource person conducted an orientation program on “Advisory Programme for Research Enhancement” on 24.5.2017. Forty of our staff members had participated. ▪ Rs:37.5 lakhs had been received from various Govt agencies. ▪ A patent was granted from Australian government to Dr.N. Sudhaker for the title “Developing an Artificial Intelligent immune system network for industrial Application ” on 20-02-2017. ▪ Department of Commerce signed an MOU on 24.03.17 at Mumbai with Insurance Institute of India to introduce Add-On courses in Muthayammal College of Arts And Science which would provide viability for the students to be awarded with an add on certificate. Totally 5 MOU's were signed at this academic year. ▪ 22 of our staff members published their research findings in 63 research journals of national/International repute. The value of impact factor is 0.1 to 5.31. ▪ 30 of our students have published research articles in various scientific journals.
Infrastructure Resources	<ul style="list-style-type: none"> ▪ Budget allocation for the academic year 2016–17 was carried out. ▪ The management sanctioned sufficient amount to the book purchasing committee based on the needs.

<p>Skill Enhancement - Communication Skill</p>	<ul style="list-style-type: none"> ▪ BULATS online speaking assessment test was conducted for the students. ▪ To improve the vocabulary of the students, they had been given exercises in the name of the vocabulary trigger every day. ▪ Orientation on IIT Mumbai spoken English course was given to the final UG students of Computer Science, BBA and BCA. ▪ Cambridge university of London conducted BEC English communication course. Out of 151 students who appeared for the exam, 122 students' i.e, 81% of students passed the examination.
<p>EXTRACURRICULAR ACTIVITIES</p>	<p style="text-align: center;">YRC</p> <ul style="list-style-type: none"> ▪ 6 Blood donation camps were organized and 538 units of blood were donated. ▪ 6 Blood grouping camps were conducted. ▪ “Advance Life Support” First aid Training Workshop was conducted on 2/9/2016. 100 of our students participated in the workshop. ▪ A three-day zonal level orientation programme for YRC volunteers and programme officers at Periyar University – Salem, Tamilnadu (from 10-01-17 to 12-01-17) was conducted. <p style="text-align: center;">NSS</p> <ul style="list-style-type: none"> ▪ DIGITAL MEDIA WORKSHOP & DIGITAL INDIA competition was conducted at Periyar University on 24.10.2016. 10 students participated and won the II prize. ▪ University level NSS special camp was organised conducted at perapponsolai, Namakkal district for seven days from 03-01-17 to 9-01-17. about 300 volunteers and 100 women volunteers took part in the special camp. ▪ Totally 43 different activities had been conducted during the academic year 2016-17. <p style="text-align: center;">SPORTS</p> <ul style="list-style-type: none"> ▪ POWER LIFTING – New Record by A.Kadheeja Begam (512.5 kg) All India Inter University Gold Medal Winners Achievement 2016-17 ▪ Hand Ball - South Zone Inter University Gold Medal Winners

	<p style="text-align: center;">Inter Collegiate Tournaments</p> <ul style="list-style-type: none"> ▪ Best Physique(Men)-winner ▪ Boxing(Men)- 7th Consecutive Years winners ▪ Foot Ball(Men)- 2nd Consecutive Years ▪ Hockey(Men)- 3 Consecutive Years ▪ Judo(Women)- 4 years winners ▪ Power Lifting(Women)- 9th Consecutive Years winner ▪ Table Tennis(Men)- 4 years winners ▪ Taek Won Do(Men)- 1 st year ▪ Taek Won Do(Women) - 5th Consecutive Years ▪ Weight Lifting(Men)- 10th Consecutive Years ▪ Weight lifting(Women)- 9th Consecutive Years <p>During the academic year 2016-17, we won 159 gold medals, 106 silver medals and 97 bronze medals at National Level, South Zone Level and State Level Championship held at various places in India. Totally 362 medals had been bagged.</p>
<p>Strengthening Career Guidance and Placement Cell</p>	<ul style="list-style-type: none"> ▪ 529 students had been placed in various concerns during the academic year 2016-17. ▪ Skill Development training was provided to the students ▪ TCS Free Employability Training Programme for ST/SC students was offered. ▪ Infosys student development program was conducted ▪ 9 industrial visits and 3 field visits had been undertaken.
<p>Support services</p>	
<p>Strengthen the Entrepreneurship Development Cell</p>	<ul style="list-style-type: none"> ▪ Entrepreneur Development Cell organised a Program titled “Awareness on Business Preparation “on 21-08-2016 Mr.M.Pravanesh,Gem Business Salem, was the resource person. ▪ “Entrepreneurship Awareness Training Programme for the ST/SC Youth from Kolli Hills, Namakkal District”. (Sponsored by Rajiv Gandhi National Institute of Youth Development)was conducted from January 2nd to 6th, 2017. ▪ Entrepreneur training was conducted from 14.02.2017 to 19.02.2107 at Shri Vasahvi Agencies, Vennandur, Nammakal Dt, Tamilnadu. ▪ Coir Board & ITCOT jointly organized at CODISSIA,

	<p>Coimbatore a programme titled “International Coir Fair” on 18.07.2016. From our institution 10 students participated.</p> <ul style="list-style-type: none"> ▪ A College bazaar was organised for 3 Days from 29.08.2016 to 31.08.2016 with 30 stalls. Students brought about sales worth Rs. 3, 44,439.
<p>Engaging the Students in Community Services</p>	<ul style="list-style-type: none"> ▪ A Rally was organised on World Ozone Day (20.09.2016). ▪ Dept of Bio chemistry adopted a Village. They conducted a programme to create an awareness about science and they went about cleaning the village on 28th DECEMBER 2016 at Govt. Middle School, Poosaripalayam (Near Kakkaveri) ▪ National commission for women, Delhi sponsored a “Legal Awareness Programme” in association with women’s study centre, Periyar University, Salem & Women’s forum, Muthayammal College of Arts & Science on 20.10.2016 & 21.10.2016, Students from 10 colleges & 10 schools around Namakkal district participated in the event.
<p>To sensitize students to ecological and environmental issues</p>	<ul style="list-style-type: none"> ▪ An awareness programme was organized by ECO Club on 25.10.2016 for Panchayat Union Elementary School students, Vengayapalayam, Namakkal Dt. 25 saplings were planted in the school. ▪ An awareness on “ENVIRONMENTAL PROTECTION” was organized by ECO Club on 22.08.2016 & 23.08.2016 for all I UG students (more than 1200 students) had been present at the programme. ▪ Department of Biochemistry organized an awareness programme on international day against Drug Abuse and illicit trafficking on 27.06.2016 at Velampalayam village – Rasipuram , Nearly 15 students and 5 staff members participated. The public were made aware of the ill-effects the importance of <i>Drug Abuse and illicit trafficking.</i>

**Academic Calendar of the year 2016-17 was attached Annexure i*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body (Governing Council)

Provide the details of the action taken

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	4	3	-	-
PG	15	-	-	-
UG	16	1	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	1	-	2
Others			-	35 Value Added courses
Total	35	5	-	37
Interdisciplinary	Nil	-	-	-
Innovative	Nil	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All the Programmes
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

*Analysis of the feedback attached as Annexure-ii

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

YES, NEW REVISED 2017 YEAR SYLLABI OF PERIYAR UNIVERSITY, SALEM,
TAMILNADU, INDIA

1.5 Any new Department/Centre introduced during the year. If yes, give details.

YES, B.SC.,(ZOOLOGY) Course was introduced.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	232	232	-	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	232	-	Nil	Nil	Nil	Nil	Nil	Nil	232	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	21	45	3
Presented papers	18	13	5
Resource Persons	NIL	2	1

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- E-Notes version 7.0
- Teaching learner kit for the student
- Alumni interaction
- Video lecture
- Online class
- IIT-MUMBAI Spoken Tutorial

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

91%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				Pass %
		Distinction %	I %	II %	III %	
B.Sc., COMPUTER SCIENCE	133	7.52	53.38	6.01		66.91
BCA	145	4.83	66.21	5.52		77.00
B.Sc., BIOTECHNOLOGY	50	12	64			76
B COM	109	3.66	17.43	50.45	6.42	77.98
B COM CA	129	0.78	38.28	29.68		68.75
B.Sc., CHEMISTRY	98	23.23	32.32			56.1
B.SC.,ELECTRONICS AND COMMUNICATION	21	23.8	14.28			38.1
B.Sc., BIOCHEMISTRY	37	40.54	43.24			83.78
BBA	54	3.7	33.33	24.07		61.11
BBA CA	38	7.89	50	2.63		60.53
B.Sc., MICROBIOLOGY	45	13.3	51.1	8.88		73.33
B.Sc., PHYSICS	96	38	24			62
B.A ENGLISH	189	1.05	39.68	17.98		59
B.SC MATHS	203	14.28	50.73	12.31		77
B.SC.,TEXTAIL AND FASHION DESIGN	43	69.76	13.95			84
B.SC.,HMCS	47	10.63	51	6.38		68
M.Sc., COMPUTER SCIENCE	16	87.5	12.5			100
MCA	48	35.42	37.50	2.08		75.00
M.SC.,ELECTRONICS AND COMMUNICATION	13	76.93	23.07			100
M.Sc., BIOTECHNOLOGY	17	29.41	47.05			76.47
M COM	10		100			100
M COM CA	19	5.26	78.95			84.21
M.Sc., CHEMISTRY	23	26.08	4.34			30.43
M.Sc., ORGANIC CHEMISTRY	7	71.42	14.28			86
M.Sc., BIOCHEMISTRY	7	42.85	14.28			57.14
M.Sc., MEDICAL BIOCHEMISTRY	7	85.71	14.28			100
M.Sc., APPLIED MICROBIOLOGY	8	50	50			100
M.Sc., PHYSICS	28	18	25			43
M.A., ENGLISH	43		39.53			40
M.SC., MATHS	74	9.45	29.72	1.35		41
M.Sc., TEXTAIL AND FASHION DESIGN	10	50				50

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- To monitor and evaluate the teaching learning process, the IQAC instructs each department to prepare lesson plans.
- Every month, the IQAC makes a review of the performance of each teacher, If necessary, concrete suggestions are given to the staff members. This method ensures that each staff member covers the syllabus within the stipulated time and that the teaching is carried out on the expected line to achieve the expected outcome.
- At the end of the semester, online feedback is obtained from each student. If there are good suggestions, they are implemented from the next semester onwards
- Based on the feedback teachers expertise in the subject capability in making the teaching efficient.
- The IQAC undertakes a review of the result percentage of a teacher, the subjects he/she handles and based on the result percentage, he/she is selected to undergo faculty development programmes.
- As computer knowledge has become inevitable and indispensable at present, Teachers who are not conversant with computer knowledge are provided an opportunity to attend computer courses in the college. The IQAC arranged free computer training to the teachers.
- The IQAC in coordination with Exam Cell offers the variable increments to the staff members based on the results produced.
- e-notes version 7.0 was updated in soft format to equip and complement students' learning.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	NIL
UGC – Faculty Improvement Programme	NIL
HRD programmes	4
Orientation programmes	4
Faculty exchange programme	NIL
Staff training conducted by the university	2
Staff training conducted by other institutions	17
Summer / Winter schools, Workshops, etc.	11
Others	14

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	13	-	-	-
Technical Staff	22	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- By way of sensitizing, promoting research the IQAC adopts the following initiatives
- The curriculum of the UG/PG students itself involves an assignments motivating the students to undertake a minor/major research and submit a project based on their curriculum.
- A research cell was developed headed by an experienced research person and assisted by four doctorate degree holders. This cell is mainly engaged in promoting research among staff and students besides preparing minor/major research projects.
- The management provides financial support to the faculty and the students if they present papers in seminars or publish papers.
- A certain percentage of income derived by means of consultancy is allotted to the department concern which can be utilized for equipping the laboratory with latest instruments.
- The R&D of Muthayammal College of Arts & Science has created a website exclusively for research information.
- Free Wi-Fi facilities have been given to the students and staff to accelerate publication of papers.
- An External advisor from universities is nominated to guide and claim grants from Govt agencies.
- Special budget has been allotted for staff and students.
- The workload of R&D members has been remissioned.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	0	0	2
Outlay in Rs. Lakhs	28.40	-	-	75.04

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	2	0
Outlay in Rs. Lakhs	0	0	3.05	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	67	Nil	Nil
Non-Peer Review Journals	5	Nil	Nil
e-Journals	2	Nil	Nil
Conference proceedings	6	1	Nil

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned in Lakhs	Received in Lakhs
Major projects	3	SERB	28.40	28.40
Minor Projects	2	UGC	3.0	0
Interdisciplinary Projects	0.6	Anonymous	2.8	2.8
Industry sponsored	0.6	Vamaa Oils Pvt. Ltd	0.30	0.30
Projects sponsored by the University/ College	0	0	0	0
Students research projects <i>(other than compulsory by the University)</i>	0.6	TNSCST	0.20	0.20
Any other(Specify) INSPIRE Science Camp	1.0	DST	5.8	5.8
Total			40.5	37.50

LAKHS: 37.50

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

Rs in lakhs: 3.30

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	1	Nil	Nil	Nil
Sponsoring agencies	-	Management	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

10

3.13 No. of collaborations

International

Nil

National

2

Any other

10

3.14 No. of linkages created during this year

4

3.15 Total budget for research for current year in lakhs:

From Funding agency

7.676

From Management of University/College

8.576

Total

16.252

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	1
	Granted	1
Commercialised	Applied	NIL
	Granted	NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
5	1	1	2	-	-	1

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

11

19

3.19 No. of Ph.D. awarded by faculty from the Institution

3

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
 National level International level

3.22 No. of students participated in NCC events:

University level State level
 National level International level

3.23 No. of Awards won in NSS:

University level State level
 National level International level

3.24 No. of Awards won in NCC:

University level State level
 National level International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="4"/>	College forum	<input type="text" value="6"/>				
NCC	<input type="text" value="Nil"/>	NSS	<input type="text" value="43"/>	Any other			
				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>YRC&RRC-15</td> </tr> <tr> <td>Dept- 17</td> </tr> <tr> <td>Total=32</td> </tr> </table>	YRC&RRC-15	Dept- 17	Total=32
YRC&RRC-15							
Dept- 17							
Total=32							

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

YRC&RRC ACTIVITIES:

- Six blood donation camps had been organized at Muthayammal college of Arts and Science. **528 units** of blood had been donated by the students and the staff to benefit those who might be in need of blood.
- On emergency demands, **12**units of blood had been donated by our students to various hospitals and **31** units had been availed from Blood Bank and supplied to the hospitals.
- **3** blood grouping camps were organized at Muthayammal Institutions (Muthayammal College of Arts and Science , Muthayammal Polytechnic Institution and Muthayammal College of Education) and blood groups of **2464** students had been identified.
- **2** blood grouping camps were organized as extension activity in Aringar Anna Government Arts College, Namakkal and Kariyampatti Village. The blood groups of **300** students and **60** villagers had been identified.
- “Advance Life Support”, a first aid training workshop was conducted at Muthayammal college of Arts and Science. **100** students had the opportunity to become aware of the first aid techniques.
- Matrathirkana Oru Thuvakkam – a Pledge taking programme was conducted to mark the celebration of (International youth Day) at Muthayammal College of Arts and Science.**80** students participated and took a pledge to create an awareness about AIDS.
- A rally was organized to celebrate International youth Day from Muthayammal college of Arts and Science to Seerapalli.**120** public took part in the rally.
- Drawing competition on International youth Day was conducted at Muthayammal College of Arts and Science in which 20 students participated and exhibited their mastery in drawing.
- National De-worming day was celebrated at Muthayammal College of Arts and Science. **1560** students were provided Albendazole Tablets.
- “Celebrating life”, an awareness programme on AIDS had been organized at Muthayammal College of Arts and Science. **100** students participated and they had awareness on awakening about AIDS.
- YRC, RRC & NSS of Muthayammal College of Arts &Science made 85 students of our college to acquire First aid training on 02-09-2016. Mr.M. Venkatachalam, Regional Blood centre, Maruthi Blood Bank, Salem was the resource person.10 NSS volunteers had rendered assistance.

- YRC and RRC organized a blood grouping camp and two blood grouping camps at our premises on 07-09-2016,08-09-2016 and 29-12-2016.Blood groups of 76 students had been identified.100 units of blood had been collected .These camps were organized with an objective to create an awareness about the vitality of the blood donation.

NSS ACTIVITIES

- International Yoga day was celebrated at Muthayammal College of Arts & Science on 21.06.2016.The main Objective was to create awareness among the students about the significance of yoga which helps in maintaining both physical and mental health. Yoga and meditation were taught by 3 Yoga specialists VIZ.Mr.s. Hariharasudhan, Mr.D.C.senthil Kumar, Mr.B.vijaykumar, 400 NSS Volunteers got benefited by this program.
- Induction programs were organized department Wise during the period from 24.06.2016 to 05.08.2016. The services of 200 NSS Volunteers under the guidance of 6 NSS Program officers were utilized in regulating, guiding ,and extending hospitality to the students and also Parents. Thus a warm welcome was accorded to 2100 1Yr Students and Parents.
- Responding to the call of Prime Minister Mr.Narendra Modi's Clean India, Campus cleaning at Muthayammal College of Arts & Science was carried out from 18.07.2016 to 20.07.2016 all the students of our college numbering 4000 took to campus cleaning. 200 NSS Volunteers provided necessary assistance.
On 22.07.2016, 24 NSS Volunteers under the guidance of two NSS Program Officers Mr.G.Bakiyaraj, Mr.T.Gopi, involved themselves in Hospital cleaning and tree Plantation at the government hospital, Kannankurichi. Saplings were planted in the hospital campus the Public appreciated the service.
- 124 NSS Volunteers lead by 4 NSS Program officers are participated in Valvil Ori celebration held at kholli hills on 29.07.2016.The Namakkal District Collector Mr.V.Dakshinamoorthy was the chief guest. The Celebration Included a program to creat awareness among the hills tribes regarding disuse of Public Materials which cause health hazards and to convert the hills as a Plastic Free zone. The students' collected Plastic materials spread various Places of the hills and disposed them away.
- Periyar University, Salem Organised various competitions in connection with National Youth Day celebration on 12.08.2016.A student of Muthayammal College of Arts & Science Participated in singing competition.

- 19 NSS volunteers from Muthayammal College of Arts & Science rendered help in various ways during the temple festival at Valampaayam on 24.08.2016. NSS Students were helpful in maintained order and served food to public.
- 100 NSS students of Muthayammal College of Arts & Science organised a rally on 14-09-2016 to create awareness on the importance and responsibility among the people in exercising their franchise.
- Mr. T.Gopi NSS Program Officer & 25 Students visited Anjaneyar Temple in Metala on 17.09.2016. The NSS students distributed food items to the devotees.
- Sri Ramachandra Hospital & Medical University Organized a Free Medical Camp at Poovai Ammal Mahal Rasipuram on 24.9.2016 and 25.9.2016. Five NSS volunteers assisted in the conduct of this medical camp.
- Training & Guidance Program for the Physically Challenged was organized by Cheshire Homes Coimbatore in our campus on 24.09.2016. 216 physically challenged had availed the benefits. 132 NSS volunteers offered all assistance during the programme.
- Training & Guidance Program for Physically challenged was conducted on 29.09.2016 in our campus with the service and support of 10 NSS volunteers.
- NSS volunteers participated in the selection at Periyar University, Salem on 04-12-2016 process to be the part of Republic day parade.
- Digital Media Workshop at Periyar University was conducted. 10 NSS volunteers participated in this program and won the second place in oratorical competition.
- Rotary club Of Salem organised Marathon at Gandhi stadium Salem on 06.11.2016. Our NSS Program Officer guided our NSS Students to take part race.
- NSS Special Camp was Conducted for 7 days 03.01.2017 to 09.01.2017, NSS students did a lot of service at various places Periyakombai, Puthumavaaru, Palayamavaaru, Perapansolai And Salakadu. 300 NSS Volunteers & 6 Program Officers took part in special camps. Blood Grouping, Cleaning, Free Eye camp and rally had been conducted/organized.
- Voter's Day Awareness Rally was organized on 24.01.2017 to create awareness among the voters regarding the importance and significance of exercising their votes.

COMMUNITY COLLEGE ACTIVITIES:

- Mr.G.R.Govindarajan, CEO, Cheshire Homes and Ms. G.Dhanalakshmi, Secretary, Cheshire Homes had distributed self-employment kits to Eight differently abled persons.
- 29.06.2016 was marked with the induction programme for the students of Muthayammal community College. The occasion had been graced with the presence of Mr.G.Kumaran,

District Project Manager, Pudhu Vaazhvu Project, Namakkal.94 members of Self Help Group took part in the program.

- A college bazaar was organized on 29-08-2017 with in the premises of the college .Mrs.Manju Muthuvel, Executive Director Muthayammal institution had set in motion the stalls of varied wares and goods installed by 32 teams. The students of Muthayammal College Of Arts & Science generated the sales.
- A special camp for the differently abled had been organized in association with Cheshire Homes, Coimbatore on 24.09.2016. the camp was illumined with the presence of Mr. K.P.Ramaswamy Chairman, Muthayammal institutions and Ms.G.Dhanalakshmi Secretary, Cheshire Homes. Among the 211 differently able public, 22 had the opportunity to get placements.
- 19.10.2016 had been colourful with the display of sarees and other dress materials for festival sales by Co-optex and Anthanari fashion, Salem. Dr. R.Selvakumaran, Principal, Muthayammal College Of Arts & Science had initiated the sales. The staff and the students made the venue busy with the transaction of business.
- 100 differntly abled school students had visited the college campus on 02-12-2016.They had beed escorted by a team of staff headed by Mrs.P.Latha Block Recourses center Namagripet
- An event to distribute smart canes and self – Employment kits had been materialized in the campus on 14-12-2016.Mr.SubbuSundaresan, Chairman Round Table India area7, Mr.karthick Kannan convenor,Round Table India area 7,Mrs.Nitika sashikumar chairperson salem ladies circle 28 and Mrs.Shilpa Bhatija Publicity convener ladies circle area 7 had distributed smart canes and self- employment kits to 30 differently abled public.
- An awareness programme was and organized on 09-01-2017.Around 100 school students has paid visit to the college campus. They had been taken around the entire premises.
- In collaboration with Chesire Homes Coimbatore NVDA software was installed on 31-01-2017.this software might be of a great help to the visually impaired to learn the basics of computer operations.
- During the academic year 2016-17,109 students had enrolled to undergo training in tailoring and modern dress making, 3 in computer Hardware use and servicing and 98 in art of cooking. As many as 201 community college students in total had been the beneficiaries of the courses offered.

HUMAN RIGHTS CELL ACTIVITIES

- Dr. G. Thangapandi, Associate Professor of Commerce, functions as the Head of the human rights cell. During this academic year, under the aegis of this cell “HUMAN RIGHTS” programme was organized. DR.K.Ramasamy,(Rtd) Professor,Department of Corporate Secretary ship,PSG Arts & Science College, Coimbatore were the chief guests.385 students participated in the programme.

DEPARTMENT ACTIVITIES

16 departments of Muthayammal College of Arts & Science involved themselves in extension activities. The faculty of the departments visited different Govt Schools in Namakkal & Salem districts and enlightened the students on the following aspects.

- Orphanage Visit at Rasipuram “David Badmanabahn Trust”
- Food Adulteration Awareness
- Kit distributed to the physically challenged persons
- Blood grouping camp
- Entrepreneur training
- Awareness On Environmental Protection & Sapling Plantation
- Drug Abuse And Illicit Trafficking
- Legal Awareness

No. of beneficiaries

2500

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly create	Source of Fund	Total
Campus area	10.15 acres	--	Management	10.15 acres
Class rooms	95	4	Management	99
Laboratories	27	-	Management	27
Seminar Halls	4	-	Management	4
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.	-	20	Management	20
Value of the equipment purchased during the year (Rs. in Lakhs)	20.73	15.80	Management	36.53
Others(computer accessories Rs.in Lakhs)	--	14.71	Management	14.71

4.2 Computerization of administration and library

- Computerised with bar coding system in Gate Entry and
- Circulation management and OPAC facilities are available.
- Wi-Fi enabled

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Lakhs	No.	Value in Lakhs	No.	Value in Lakhs
Text Books	23728	48.93	699	4.00	24427	52.94
Reference Books	1089	24.09	50	0.37	1139	24.47
e-Books(N-LIST)	75000+	0.05	30,60000	0.05	31,35,000	0.10
Journals	75	1.34	8	0.05	83	1.40
e-Journals (N-LIST)	3000+	0.05	3000+	0.05	6000+	0.10
Digital Database	-	-	-	-	-	-
CD & Video	1595	-	505	-	2100	-
Others(Back Volumes)	2445	-	164	-	2609	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	565	464	10mbps	2	12	18	30	53
Added	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-
Total	565	464	10mbps	2	12	18	30	53

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- Inaugural Ceremony of Advanced BFSI & Telecom Training for unemployed Graduated Youth was conducted by ICTACT & TNSDC K.A Vijayan,DGM - Projects, ICT Academy of Tamilnadu,Chennai, 25 days/200 hrs training programme (9.5.16 to 7.6.16) was organized by ICT Academy of Tamilnadu in association with Tamilnadu skill development corporation for 160 unemployed graduated youth.
- A demonstration on the release of E-notes 7.0 was given by Ms.V.Vijayadeepa ICT Head of Muthayammal College of Arts S on 9.7.16 to facilitate e-notes version 7.0 with an update of entering workload entries at admin level in order to avoid conflictions/duplication of workload.
- A Workshop on Google Apps for Education was conducted on 27.8.16 by Mr.HariharanChandrasekaran Google Mentor, Edusculpt Education solutions P.Ltd, Chennai.46 of our staff members participated.
- Demo on Digital Class room products was conducted on 19.10.16 by Mr Anupam Bhasin Director Young India Films Chennai to implement Clarity Language Lab ,Clarity English Interactive Software Courses, smart classroom products which include Wireless voice amplifiers, interactive whiteboards/Greenboards,etc. inside Muthayammal College of Arts & Science.10 members participated.

4.6 Amount spent on maintenance in lakhs:

i) ICT	4.86
ii) Campus Infrastructure and facilities	14.84
iii) Equipments	1.37
iv) Others	10.80
Total:	31.87

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Bulk of 5000 students studying in Muthayammal College of Arts & Science are day scholars who cannot afford to stay in the hostels. The college operates transports from the students' doorsteps to the college at a subsidised fair. At present, the college operates as many as 79 bus.
- All the students teaching staff, non-teaching and all other employees have been brought under group insurance. In case anybody meets with accident/injury/death etc, The insurance company comes to their help by paying deserving financial aid.
- The IQAC has setup Tutorial Ward System which ensures an allocation of 10 students to be under the personal care of a faculty.
- Parents are informed of their wards, behavior in the college percentage of marks scored in the college/university exams etc through letters and over phone calls.
- The IQAC conducts many value added courses viz tally, computer hardware networking, TnpSC coaching electrical wiring, mobile servicing, career classes by renowned company HRs at a very low cost. These courses increase the employability opportunities of the students.
- At the goodwill of a renowned company, a free certificate course for SC/ST students had been conducted.
- The management offers scholarships depending upon the performances of the students at the entry level.
- Totally free education is provided to the outstanding sportsman and women.
- AICTE Smart India Hackathons live relay has been made available to the students of Muthayammal College of Arts & Science.
- Special classes are conducted after college hours or during holidays for the students who have arrears in the university examinations.
- Necessary arrangements have been made for the physically challenged students to make their movements easier and comfortable.
- Employability skill training on advance BFSI & Telecom course for unemployed youth of Namakkal district in association with ICT academy & NSDC was hosted.
- A mail ID gvc@muthayammal.in has been created for the students to send their grievances.
- Cambridge University BEC courses, Entrepreneur development program, women's forum counselling, cells for physically challenged and Human rights have been a support to the students in all their endeavours.

- Trainers have been appointed to train the sportsmen and women of our college to achieve great goals.
- A sizable number of our students took part in the Blood Donation camp.
- Relevant platforms had been arranged to facilitate the students for selling products, marketing and carrying out online businesses.
- Digital signage & Students' suggestion boxes have been provided.

5.2 Efforts made by the institution for tracking the progression

- Two Internal Assessment examinations were conducted for both UG & PG
- Students online e-attendance was maintained
- Academic records were maintained by the staff in charges
- Principal presented a PPT to the UG&PG students on the result analysis.
- Department wise review meetings were conducted to post-analyse the results.
- Special coaching for arrear students was conducted
- Parent teacher meeting was conducted.
- Phone follow ups, Posting student progress report to parents.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (M.Phil.)
4724	612	26	70

(b) No. of students outside the state

21

(c) No. of international students

14

Men

No	%
8	57

Women

No	%
6	43

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
75	758	145	4282	20	5280	60	726	139	4488	19	5432

Demand ratio Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Value added centre conducted coaching classes for those who wish to appear for competitive examinations like TNPSC, BANKING, NET, SET, TANSET etc.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="Nil"/>	SET/SLET	<input type="text" value="Nil"/>	GATE	<input type="text" value="Nil"/>	CAT	<input type="text" value="2"/>
IAS/IPS etc	<input type="text" value="Nil"/>	State PSC	<input type="text" value="Nil"/>	UPSC	<input type="text" value="Nil"/>	Others	<input type="text" value="1"/>

5.6 Details of student counselling and career guidance

To counselling the students periodically by Tutorial Ward System

All the students in the college have been brought under the Tutorial Ward System. Accordingly for every 10 Students (Mentee) a mentor is assigned .The mentor is required to maintain a record containing the details given below.

Maintaining the following records

- An in-depth analysis of a student.
- Identification of student
- Statement of problem.
- Physical condition of student.
- Student behaviour information.
- Student parent relationship information.
- Academic information.
- Achievement orientates
- Social responsibilities.

No. of students benefitted

Placement cell was conducted career guidance program for the first year UG Students.

No. of students benefitted

1628

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
15	2731	435	94

5.8 Details of gender sensitization programmes

ACTIVITIES OF WOMEN'S FORUM & ANTISEXUAL HARASSMENT AND GENDER VIOLATION CELL

- Organized a One day seminar titled “Guidance & counselling” on 26/07/16 at the Conference hall for girl students from all the departments (strength of 752 students).Dr.A.Stella Baby, Dean, for student affairs Muthayammal College of Arts & Science, Addressed the gathering & counselled the students.
- Organized a one day seminar titled “Women the Ultimate” On 04/08/2016 at Conference hall & Mini Seminar Hall for UG girls of all departments (strength of 520 students).Dr.S.Gurugnanambiga, Assistant Professor Department of Tamil, Avinashilingam University, Coimbatore was the resource person.
- Women’s forum, of Muthayammal College of Arts & Science and Women’s studies Center, Periyar university, Salem Organized Two day seminar cum Workshop titled “**Legal awareness**”Sponsored by National Commission for Woman, Delhi on 20/10/16 & 21/10/15 at Conference hall for School level (Higher secondary) and College girls (Either UG or PG) in and around Namakkal district. Girls from 10 schools and colleges attended the seminar.(Strength of 100 students, External participants).Tmt.S.Ramathilagam, B.A LLM, Principal District & Sessions Judge, Namakkal was the chief guest
- Organized a one day seminar titled “**Menstrual Hygiene for Women**” on 29/12/2016 at the Conference hall & Mini Seminar Hall for the First and the second PG girl’s of all the departments and Third year girls of Biochemistry, Microbiology, Biotechnology and chemistry (strength of 520 students).Dr.K.Selvambigai, MBBS, DGO, Government Primary Health care centre, Namagiripet was the resource person.

- Celebrated “Women’s Day” on 25/02/2017 at Muthayammal College of Arts & Science Campus For all the girl students of Muthayammal Institutions conducted more than 16 events (strength of 3000 Girl students). Mrs. Manju Muthuvel, Executive Directress, and Mrs. Sulochana Ramasamy Treasurer, Muthayammal Institutions had graced the event with their presence.

No. of students benefitted

4892

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level

277

National level

88

International level

Nil

No. of students participated in cultural events

State/ University level

Nil

National level

Nil

International level

Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level

50

National level

30

International level

Nil

Cultural: State/ University level

Nil

National level

Nil

International level

Nil

5.10 Scholarships and Financial Support

	Number of students	Amount(Rs. in Lakhs)
Financial support from institution	797	50.07
Financial support from government	Awaiting for sanction	-
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs	: State/ University level	<input type="text" value="Nil"/>	National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>
Exhibition:	State/ University level	<input type="text" value="02"/>	National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

5.12 No. of social initiatives undertaken by the students

NSS -12 ECO CLUB-3 DEPT -3 YRC-14
TOTAL=32

5.13 Major grievances of students (if any) redressed:

- At the representations of students, UG students are facilitated to borrow 3 books and PG/Research scholars 4 books.
- Instead of conducting Annual-Day celebration for two days, it was decided to hold the event on only one day.
- Transport facilities have been extended to some remote areas.
- Reduction of working hours and advancing the closure-time.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

To redefine the scope of higher education by infusing into each of our pursuits, initiatives that will encourage intellectual, emotional, social and spiritual growth, thereby nurturing a generation of committed, knowledgeable and socially responsible citizens.

MISSION

- To Ensure State of the world learning experience
- To Espouse value based Education
- To Empower rural education
- To Instill the spirit of entrepreneurship and enterprise
- To Create a resource pool of socially responsible world citizens

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Enriching Curriculum

The syllabi have been vague since 2012-13. The qualitative shortcomings in the syllabi have been brought to the notice of the University for amendments.

The curriculum feedback received from staff, students, alumni through online are perused and useful suggestions are brought to the University through Board of studies members of our college.

By way of enhancing curriculum, 17 Free Certificate Courses are conducted in the College which are related to the major subject of study. 765 students got benefitted by this programme. Likewise facilitated Online Spoken Tutorials classes are offered to 428 students through IIT Bombay.

6.3.2 Teaching and Learning

- Faculty Development Program (Internal & External).
- CII & ICT Academy seminars/workshops.
- Global Business Foundation Skill Program by Infosys.
- Campus to Corporate Program by TCS.
- E-Notes & E-Attendance.
- Motivating staff to do Ph.D.
- Encouraging the staff to publishing Research Paper, Article etc.
- Cambridge university Press-Chennai BEC communication English course.
- Coaching for NET/SET.
- Grievances.
- Free Computer Training Education.

6.3.3 Examination and Evaluation

- Internal-I exams were held from 08.08.2016 to 13.08.2016 and 30.01.2017 to 04.02.2017
- Internal- II exams were conducted from 03.10.2016 to 14.10.2016, and 27.03.2017 to 01.04.2017.
- Remedial classes and home tests were conducted regularly for arrear students.
- Weekly tests were conducted regularly.
- For awarding internal marks, apart from regular class tests the students were asked to submit assignments(UG) and present papers (PG).
- Reviews on result analysis were conducted

6.3.4 Research and Development

- To encourage and increase the publications by staff, we made it mandatory that each faculty should approximately submit articles to three refereed journals (Scopus & Science citation indexed) annually.
- We motivated our staff pursuing Ph.D. to be prepared for UGC minor research projects.
- Likewise, urged the staff who are holding Ph.D. had been prompted to submit research proposals to different funding agencies like DST, DBT, LSRB, DAE and industries at least three annually in an effort to support research projects of both the staff and the students.
- Staff are insisted to work together as a Co-PI on other Institute ventures.
- All the faculty are motivated to do consultancy projects for the companies.
- We offered budgetary help for our faculty & students to exhibit their work at national conferences.
- We sketch to organize National conference in association with a society.
- We conducted free workshops for self-help and resource poor people and will continue to do so contingent on outreach funding.

6.3.5 Library, ICT and physical infrastructure / instrumentation

A separate IT Zone to access e-resources under N-LIST Programmen has been available Our college is the authorised user of the above programme.

6.3.6 Human Resource Management

- An exclusive HR manger was appointed for our institutions
- Official on duty
- Special leaves
- TA/DA allowance given for participating external program for the staff by management
- Apollo 10% medical discount card was given
- Accidental group insurance scheme for faculty
- Free transport facilities to the staff
- Free Hostel accommodation to the staff

6.3.7 Faculty and Staff recruitment

- Recruitment to all posts shall be made based strictly on merit through advertisement and recommendation of duly appointed staff selection committee
- The prescribed minimum qualification and experience for the various teaching posts will be considered as per the norms of UGC/University/State Government.
- UGC- CBSE NET or TNSET are preferred

6.3.8 Industry Interaction / Collaboration

1. TCS Free Employability Training Programme.
2. Infosys Student Development Programme

6.3.9 Admission of Students

- As per Periyar University Eligibility criteria, courses have been offered and students were admitted of the year 2016-17

6.4 Welfare schemes for

- As a part of management's scheme, Group Insurance has been in operation to benefit all the students, teaching and non-teaching staff, hostel employees and the parents of the wards.
- If anyone meets with an accident the insurance company will bear the hospital expenses up to Rs:25000/-
- In case of any fatal accident, the insurance Company will readily pay a sum of Rs:1.50 lakhs to the deceased.
- Discount cards on Apollo medicines have been issued to all the staff members. The staff are offered 10% discount on Apollo medicines.
- Loan facilities are available.
- A sum of RS:54,328 had been claimed from Apollo Insurance Company and disbursed to two Non-teaching staff who suffered from some serious heart problems.
- A sum of RS:3,57,400 had been claimed from the insurance company and paid to 5 students who met with accidents and sustained heavy physical injuries.

Teaching	Nil
Non teaching	0.54
Students	3.57
Total Amount in lakhs	4.11

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

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

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

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- University has introduced online application entry
- Online exam fee payment system for students
- Student Photograph images are printed in the Examination answer booklet and convocation degree certificate
- University introduced bar coding in answer books.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association

- Alumni Interaction program has been conducted for current students to motivate and share ideas about recruitment exposure.
- All the students of 2017 batch have enrolled their names in alumni association.
- NSS/YRC volunteers donated blood to the alumni if there is an emergency
- WHATS APP medium has been used to share information with the alumni on important events/programmes.

6.12 Activities and support from the Parent – Teacher Association

- An undertaking by each student regarding National Anti Ragging has been obtained and registered online.
- Parent teacher meeting was conducted
- Parents have been intimated of the absences of their wards to the classes over phones.
- Progress reports of the students have been sent to the parents periodically.
- Grievance committee has formed to deal with the grivances of the parents and the students.

6.13 Development programmes for support staff

- Faculty development program for staff
- TCS & Infosys Placement training
- Workshop for faculty
- HRD programs
- Research development programs
- Cambridge university English communication training for staff
- NET/SET coaching for staff
- Free computer training
- Google Education & apps training for staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Plantation
- Plastic free zone
- Proper disposal of wastes
- Awareness Rally was conducted
- Plastic up cycling
- Awareness programmes to the students
- Cleaning programmes
- Awareness on Conservation of water & Electricity
- Rain water harvesting
- Waste water management
- Eco-club green audit

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- For the benefit of the higher secondary school students who have studied Biology in rural area schools our institution introduced B.sc (Zoology) during the academic year 2016-17.
- BEC Course Cambridge University has been offered to the students to improve their communication in English.
- New value added courses have been introduced.
- IIT –Mumbai free spoken English tutorial was offered to the students.
- CBSE NET/SET coaching center for staff and students was set in motion to enhance the quality of teaching and research. **11** staff members have got qualified in TNSET-2016 examinations.
- For staff quality and research, development a center for research and development was established. A team of **5** staff have been involved for motivating the staff to apply for grants, publishing papers, patent recognition, seminars, workshops, etc. Our R&D cell generate a sum of **37.5 lakhs** during the academic year. 2016-17 one was patent granted.
- During the academic year 2016-17, our sportsmen and women grabbed **159** gold medals, **106** silver medals and **97** bronze medals at National Level, South Zone Level and State Level Championships held at various places in India. Totally, **362 medals** had been bagged.
- Placement cell organized campus interviews for students. Our institution brought **189** various MNC companies **529** students had been placed.
- Our institution has been ranked 86th among the colleges in India by NIRF-2017 Ranking.
- Community college conducted college bazar.
- Free entrepreneur development program for Physically challenged was conducted.
- Self –Employment kits had been distributed to Physically challenged candidates.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

PLAN OF ACTION (2016-17)	ACHIEVEMENTS
<p><u>Curriculum</u></p> <p>To introduce one more course- 1)Resolved to offer zoology course from the academic year 2016-17 based on the need</p>	<ul style="list-style-type: none"> • B.SC.,(ZOOLOGY) course was introduced with 40 intake- 37students have been admitted. • Value added courses:In 35 courses, -1762 students were students registered and undergone special training.
<p><u>Teaching & Learning</u></p> <p>To establish teaching management system</p>	<p>Muthayammal College of Arts & Science Teaching Management System was introduced to improve the teaching learning process. This will also assist the students to learn systematically.</p> <p>Two staff have been promoted to be Dean Academics & Dean Exams.</p>
<p><u>Research & Development-</u></p> <p>To increase the number of patent and publications</p>	<p>Staff members and the students are motivated the research cell to realize their potential by applying for projects under various funding agencies and make them more proficient and skilled in the concepts learnt. Contribution (publication in reputed journal with impact factor and sponsored projects received from various agencies) of the faculty members and students to Research and Development is recognised and honoured with cash prizes during College Day.</p> <p>Publication Details International : 18 National : 13 e-journal: 6000 N-list Books: 1 published with ISBN Minor research project applied: 2 Seminar proposals sent : 2</p>

<p>Consultancy services to be enhanced</p> <p>To motivate the faculty to apply for research guides</p>	<p>Consultancy services are done by the Department of Life Sciences.</p> <p>Initiatives have been taken through Research cell and 11 faculty members have applied for guide ship.</p>
<p><u>Industry-Institute interaction</u></p>	<p>For better exposure through close interaction, the faculty and students are given ample scope to go on study tours and to visit nearby industries. Industrial visits were arranged by all the departments to provide students a first hand experience and an insight into the functioning of companies</p> <p>It is a plain truth that Industrial visit is a part of curriculum. It enables the students to pay a casual visit to various industries and gain knowledge about the functioning of these industries. Students normally evinced an abiding interest in these visits. Reportedly, 13 Industrial Visits & 3 Field Visits had been undertaken during this academic year.</p> <ul style="list-style-type: none"> • Ayurverstra dyeing unit, Kerala • Anna Aluminium Company Pvt. Ltd. Cochin • Waste water treatement plant, Cochin, • Kannan Devan Hill Plantation Pvt. Ltd. - Tea Museum, Munnar • Ooty (Dhottapetta) Tea Factory. • ISRO-Kerala • Central Marine Fisheries Research Institute, Cochin, Kerala • Cochin Harbour • LULU Mall International food court • Hindustan Photo Films (Industry Visit)- Ooty • Hatsun Agro Product Ltd, Salem • Saranya Spinning Mills Pvt.Ltd., Ponneri, Namakkal.

<u>MoU</u>	5 Memoranda of Understanding had been signed with various organizations. This provides exposure about the needs of the industries and facilities to undertake project work. It also assists in arranging guest lectures and organizing Industrial Visits.
<u>Extension</u>	Department-17 NSS- 43 YRC & RRC -12
<u>Infrastructure Development</u>	Construction of HMCS Dept with modern facilities is nearing completion.
<u>IT Development</u>	Free Wi-Fi Cisco IP phone Airtel post-paid free calling facilities Digital signage Library automation - RFID
<u>Earn while learn scheme</u>	College Bazar, External Catering services, Tailoring
<u>Co-curricular</u>	Management lends financial assistance for taking part in various events.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

1. DST INSPIRE CAMP
2. IMPARTING SKILL BASED TRAINING TO THE NEEDY TO MAKE THEM SELF -RELIANT

* (annexure iii,iv attached)

7.4 Contribution to environmental awareness / protection

1. A Rally was conducted on World Ozone Day (20.09.2016).
2. Awareness programme on "Environmental protection"
3. "Awareness Programme on Environmental protection & Sapling plantation" for school students was conducted on 25.10.2016.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTH
<ul style="list-style-type: none"> ▪ A service-oriented Management committed to provide qualitative and quantitative education to the rural masses
<ul style="list-style-type: none"> ▪ An appreciable number of university ranks secured every year
<ul style="list-style-type: none"> ▪ Implementation of ICT in teaching-learning activity
<ul style="list-style-type: none"> ▪ Conducting courses for both teaching and non-teaching staff to equip themselves with IT skills ▪ Organizing/conducting seminars, conferences, workshops, etc., to enlighten and enrich the staff and the students ▪ Group insurance for students, staff and parents ▪ Offering placement training to the students at the expense of the Management by inviting external experts from well-established concerns
<ul style="list-style-type: none"> ▪ Provision of financial assistance/fee concessions/free boarding and lodging to the poor and unaffordable students
<ul style="list-style-type: none"> ▪ Tie-up programmes with industries
<ul style="list-style-type: none"> ▪ Services to the rural surrounding by NSS wing of the college
<ul style="list-style-type: none"> ▪ Outstanding performances of the students in academics, sports and games and various competitions are recognized and they are honored with awards/gold coins/cash awards.
<ul style="list-style-type: none"> ▪ A remarkable growth both vertically and horizontally in terms of student strength, buildings and courses offered

WEAKNESS
<ul style="list-style-type: none"> ▪ Deprived of more opportunities, due to the absence of UGC grants
<ul style="list-style-type: none"> ▪ Travel consumes a lot of time
<ul style="list-style-type: none"> ▪ Most of the students belong to below poverty line.
<ul style="list-style-type: none"> ▪ English as the medium of instruction burdens the students from rural schools at the initial days of their courses. ▪ There exists a sense of deficiency due to lack of proficiency in English (social stigma) that has a negative impact on the personality of incoming students.
<ul style="list-style-type: none"> ▪ First generation students find it difficult to get accustomed to innovative practices.

OPPORTUNITIES
<ul style="list-style-type: none"> ▪ A wider scope for expansion and introduction of new programmes
<ul style="list-style-type: none"> ▪ List of value-added and job-oriented courses could be elongated.
<ul style="list-style-type: none"> ▪ Services of the community college can be expanded.
<ul style="list-style-type: none"> ▪ All the PG departments can be upgraded into research centers.
<ul style="list-style-type: none"> ▪ Encouraging more number of projects, either minor or major
<ul style="list-style-type: none"> ▪ Digital/e-library facility can be thrown open to all the departments.
<ul style="list-style-type: none"> ▪ Possibility of tie up with many industries is bright
<ul style="list-style-type: none"> ▪ Motivating the students for entrepreneurship development

CHALLENGES
<ul style="list-style-type: none"> ▪ Absence of a sound framework which governs the allocation of the colleges, programmes in the same area, without considering the demand, the real/relevant need ▪ Tough task on the shoulders of the faculty to convert the students hailing from rural social setup, downtrodden and economically weaker sectors of the society (90%) into employable graduates
<ul style="list-style-type: none"> ▪ The deregulation of the price of fuels which impacts the existing subsidized transportation for rural mass by the institution

8. Plans of institution for next year

- Autonomy
- DST-Fist
- Achieving 90% of Graduates outcomes of the year
- Smart classes
- Department DST-Star status
- Increasing number of students Entrepreneur
- Bus Tracking System

Name Mr. S. SANTHOSH

Name Dr. R. SELVAKUMARAN


14/08/17

Signature of the Coordinator, IQAC


14/8/17

Signature of the Chairperson, IQAC

ANNEXURE I

SCHEDULE FOR THE AY 2016-17

EVENTS/PROGRAMME	June'16	July'16	Aug'16	Sept'16	Oct'16	Nov'16	Dec'16	Jan'17	Feb'17	Mar'17	Apr'17	May'17
Orientation to all Process owners reg. performance parameter, metrics and target												
Dept. Parameter Review - Category 1												
Dept. Parameter Review - Category 2												
Dept. Parameter Review - Category 3												
Cells parameter Review												
Autonomous readiness Review												
Academic plan												
Faculty self appraisal (2015-16)												
Faculty appraisal by HOD/IQAC/Dean/Principal												
Initiatives												
Appraisal Committee's recommendation for Awards & Rewards												
AY closure (2015-16)												
Hall allotment												
Monthly SSR												
New staff data												
AQAR												
1st year students data collection												
Data to be sent to RJD office												
Data to be sent to MHRD												
Data to be sent to Periyar University												
GC meeting												
Green audit report												

EVENTS/PROGRAMME	June'16	July'16	Aug'16	Sept'16	Oct'16	Nov'16	Dec'16	Jan'17	Feb'17	Mar'17	Apr'17	May'17
Academic Audit report												
Faculty self appraisal (2016-17)												
Faculty appraisal by HOD/IQAC/Dean/Principal												
Initiatives												
Appraisal Committee's recommendation for Awards & Rewards												
AY closure (2016-17)												
Faculty Development Programme												
Principal PPT presentation to the students												
2016-17 1st year Induction Programme												
HOD's Meeting/ VOIP con call meeting												
Orientation session for the newly appointed staff												
Christmas 2016												
Pongal festival												
College Bazaar												
23rd Annual Day												
Relieved Staff farewell Meeting												
Friday pooja												
Independence day												
Republic Day												

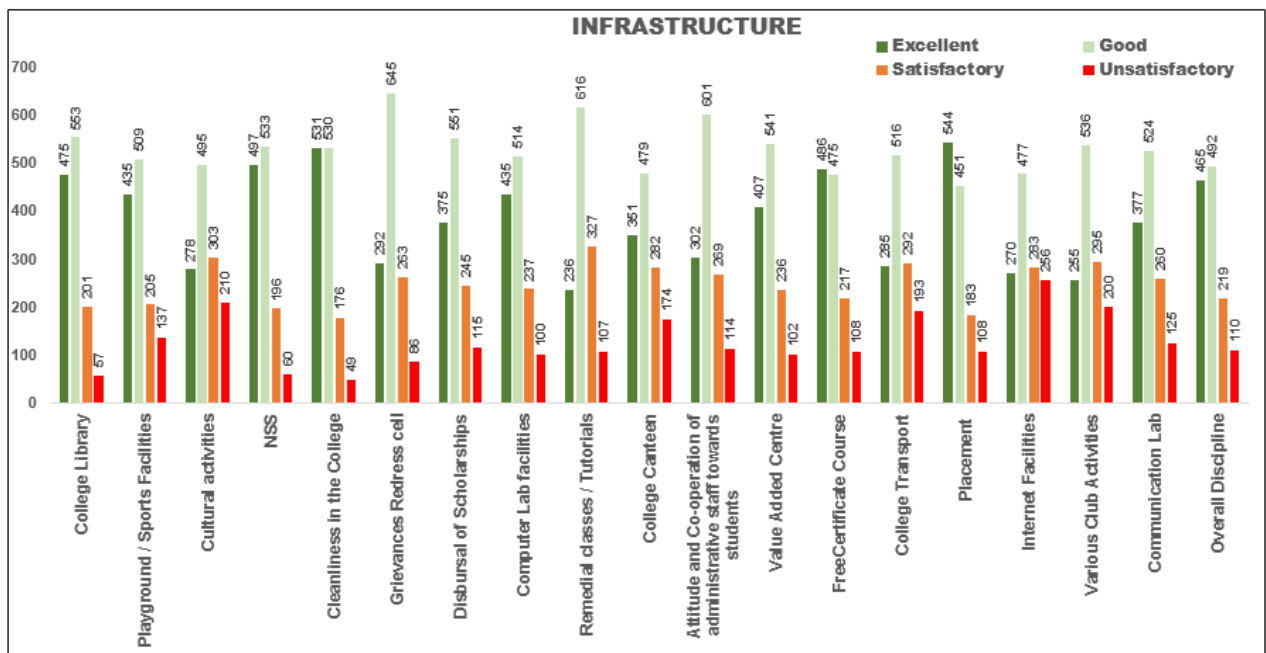
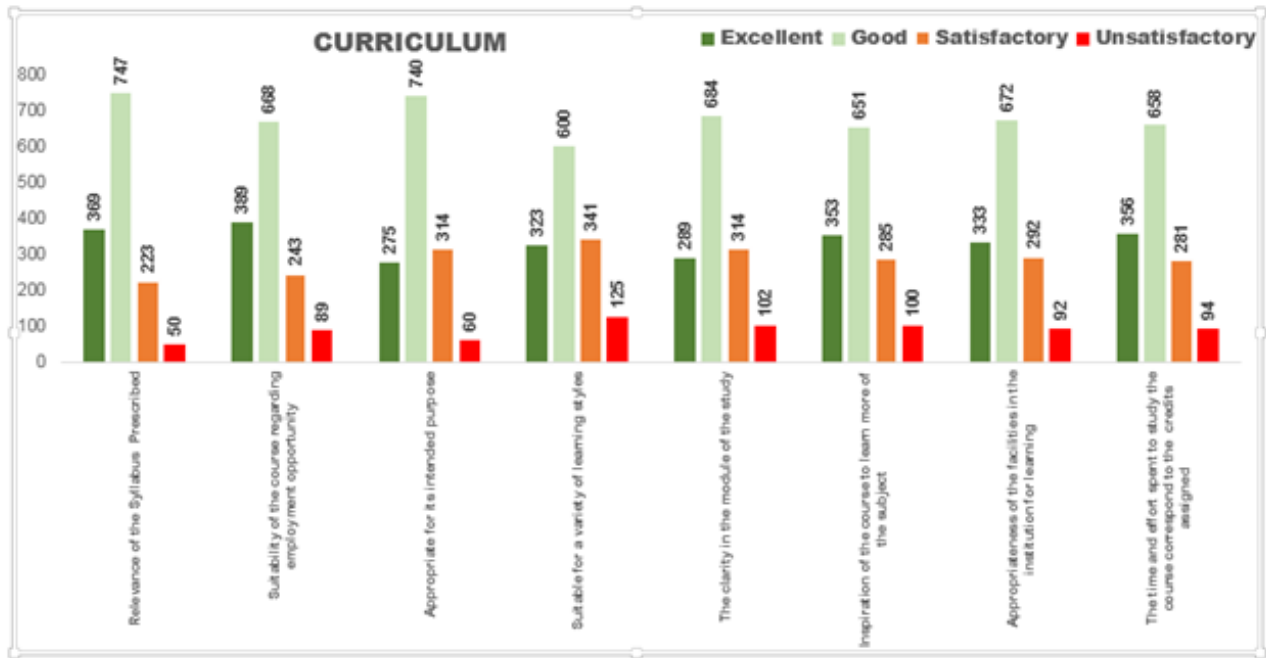
SCHEDULE FOR THE AY 2016-17 (For DEPT)

EVENTS/PROGRAMME	June'16	July'16	Aug'16	Sept'16	Oct'16	Nov'16	Dec'16	Jan'17	Feb'17	Mar'17	Apr'17	May'17
Industrial Visit only for final years												
Department Fest												
Minimum 2 Alumni Interactions												
Alumni Fest - 8 nos, (1 event per dept.group -> Biological Science, ACS, Physical Science, Maths, Commerce & Business, TFD, HMCS & English)												
National Level Seminars (inter collegiate can be permitted) - 2 nos. (dept.Group -> Biological Science, ACS, Physical Science, Maths, Commerce & Business, TFD, HMCS & English)												
Technical Guest Lecture												
Farewell for final years - Amount to be collected from students for lunch/Photo session												
Extension activity												
Intramural Sports Day for final year students / inter dept. cricket match												
Graduation day												
Staff Tour												
External programme participation by staff members - Management will sponsor for 2 staff per department												

**** Actual plan of the Institution**

ANNEXURE-II

STUDENTS FEEDBACK 2016-17



ANNEXURE-III

BEST PRACTICE I

I TITLE OF THE PRACTICE: DST INSPIRE CAMP

INSPIRE Internship a component of “Scheme for Early Attraction of Talents for Science (SEATS)” under the INSPIRE Program is the enrolment increasing phase. In this component of SEATS, students would be selected for summer/ winter camps on an annual basis to provide an opportunity for students to interact with global Leaders in science to experience the joy of innovations on an annual basis through INSPIRE internship

II GOAL

- "Motivating talented youth to take-up research as a personal undertaking" by rubbing shoulders with global icons of science including Nobel Prize Winners, is the objective of INSPIRE Internship.
- These camps would nourish the curiosity of children in science; help them to think out of the box and attract the students at an early age of 16 - 17 years (i.e. in XI standard) to pursue a research career

III CONTEXT

Innovation in Science Pursuit for Inspire Research (INSPIRE)” is one of the innovative programs by the Department of Science & Technology for attraction of talent to science. The basic objective of INSPIRE is to communicate to the youth population of the country the excitements of creative pursuit of science and attract talent to the study of science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

IV PRACTICE

- Top one percent ranking in their X Board Examination
- Pursuing Science in standard XI and
- Should not have attended a similar camp earlier
- Participating students shall be within the same state or UT
- The student need not pay any money either to the school or the organizer.

Expenditures towards travel (to and from), accommodation, and food etc., for all students attending science camps are taken care of by DST-INSPIRE programme through respective camp organizers.

- The camp is totally free of cost for the student.

V EVIDENCE OF SUCCESS



VI PROBLEM ENCOUNTERED AND RESOURCES REQUIRED

- More number of students apply for this science camp
- Students sometime do not adapt to the environment and feel home sick.
- Students with more than 95% of marks aim for professional courses than basic sciences.

ANNEXURE-IV

BEST PRACTICE II

TITLE: Imparting Skill based Training to the Needy to make them self -Reliant

Social service rendered by community college “everyone can be great because everyone can serve” Community college was engraved in the year 2012 to render service to the society, the poor, and to the needy to uplift their and self reliance.

GOAL:

1. To Help Society to reach pinnacle of success
2. To create entrepreneurs and to decrease the percentage of unemployment.
3. Educating the visually impaired with the aid of NVDA software.

CONTEXT:

Some of the people find it difficult to continue their track of education due to one reason or the other, their coupe would have been dischained and dislocated despite their ardent vigor for learning. To meet their needs, Muthayammal College has slated her objectives.

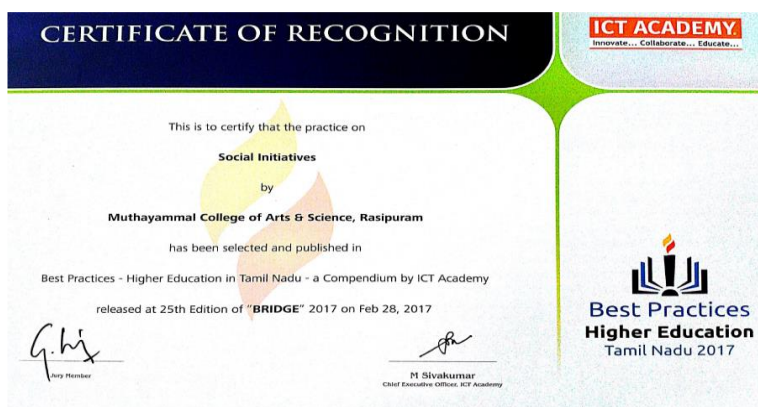
1. Equipping the citizens who have been below 40 years of age with life-oriented skills.
2. Enabling them to be self-employed.
3. Promoting them to become job-givers rather than job seekers.

PRACTICES:

Training in the fields of Catering, Tailoring, Beautician, Lab technician and Computer Hardware make them to stand independently to earn income and fame for their family in the society. In addition to this, practices Art of Yoga, homemade products manufacturing training, various sports contests have been organised to bring out their inner talents to limelight.

EVIDENCE OF SUCCESS

Our initiative has been selected and published in –Higher Education in Tamilnadu-a compendium by ICT Academy 25th edition of BRIDGE -2017 ON 28 FEBURARY 2017





PROBLEM ENCOUNTERED AND RESOURCES REQUIRED:

Problem Encountered	Resources Required
Lack of course awareness	To flare up the course details to the beneficiaries through NGO we should propagate about to the course details and its benefits
The age limit for the aspirant is below 40 year of age ,only limited candidates are admitted	Increasing the age limit of the course from 40 to 50 will increase our admissions.
Every day we conduct courses for 3hours ,time is not sufficient to satisfy the expectations of the community college students.	Increasing the time limit from 3 hours to six hours can help imparting more information and the students an find enough time to do practical's.
Fixing minimum educational qualification for admission	Framing objective type questions in Tamil shall make the students time to do the practicals.

ULTIMATE OUTCOME:

1. Annual increasing of strengths, shows our college establishment in social service
2. These courses help them to develop their economical.
3. They can stand independently without and dependent.
4. This system helps to earn by learning.
5. They are eligible for Govt.Jobs.
6. Increase in the enrolment year after year has benn an appreciation for our service to society.

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
