

# **Internal Quality Assurance Cell (IQAC)**

**Annual Quality Assurance Report( AQAR)**

**2013-14**



**GOVERNMENT COLLEGE MADAPPALLY, VATKARA  
UNDER GOVERNMENT OF KERALA  
VATAKARA,KOZHIKODE,KERALA-673102**

## 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

GOVERNMENT COLLEGE MADAPPALLY

1.2 Address Line 1

NATIONAL HIGHWAY

Address Line 2

MADAPPALLY

City/Town

VATAKARA

State

KERALA

Pin Code

673102

Institution e-mail address

gcmadappally@gmail.com

Contact Nos.

9846885166, 9846135324

Name of the Head of the Institution:

DR. PK. MEERA

Tel. No. with STD Code:

04962512587

Mobile:

9446447595

Name of the IQAC Co-ordinator:

DR PK SUMODAN

Mobile:

9846135324

IQAC e-mail address:

iqacmadappally@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

KLCOGN10018

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)

EC/54/RAR/057 dated 8/1/2011

1.5 Website address:

www.madappallycollege.org

Web-link of the AQAR:

[http://madappallycollege.org/wp-content/uploads/2018/10/AQAR\\_13-14.pdf](http://madappallycollege.org/wp-content/uploads/2018/10/AQAR_13-14.pdf)

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 <sup>st</sup> Cycle	A	86.25	2004	5 years
2	2 <sup>nd</sup> Cycle	B	2.52	2011	5 years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

31/03/2005

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

2013-2014

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 \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- 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*)

UNIVERSITY OF CALICUT

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

College was approved as Centre of Excellence by Government of Kerala

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

8

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

2

2.4 No. of Management representatives

2.5 No. of Alumni

3

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

1

2.9 Total No. of members

16

2.10 No. of IQAC meetings held : 6

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

2.14 Significant Activities and contributions made by IQAC

- IQAC conducted regular model examination at the end of each semester and made proper evaluation of exam papers.
- IQAC arranged teacher training programmes like MOODLE and special technical classes were conducted on the functioning of electronic equipment.
- IQAC and PTA provided orientation classes to the newly admitted students in the UG Classes.
- Regular follow up was done for avoiding the procedural delays related to major and minor research projects, Faculty improvement programmes, conducting of seminars and workshops
- *Academic Facilitation Centre* was established to familiarize new developments in communication skill and soft skills and to equip the students with competitive examinations like JRF, NET, GATE, UPSC, PSC, Civil Service etc. Language Lab, Skill Lab and Knowledge Lab are functioning under the Academic Facilitation Centre.

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
Preparation of Academic calendar	IQAC collected the feedback from students, teachers and college alumni on matters connected with teaching and learning
Seminar/workshop	IQAC conducted a workshop on usage of electronic equipments
Academic facilitation centre	IQAC supported to start a language lab

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  YES No

Management  Syndicate  Any other body  YES

Provide the details of the action taken

Approved by the College Council
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## 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	1			
PG	7			1
UG	10			1
PG Diploma				
Advanced Diploma				
Diploma				
Certificate		1		
Others				
<b>Total</b>	18	1	0	2

Interdisciplinary	The Syllabi for the Undergraduate courses of the University of Calicut were revised since academic year 2010-11. As per the revised syllabi, the University offers Open Courses in various subjects, giving the students an opportunity to study a course (paper) of their choice. This choice is available in the Vth Semester. Every Department offers open courses which			
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	<p>can be selected by students from different streams. Besides this, in this Choice Based Credit Semester System each student at the UG level has to take two complementary papers during the first four semesters.</p>			
<p>Innovative</p>	<p>As part of the ICT oriented teaching and learning, the Department of Chemistry adopted MOODLE based teaching and learning by providing provision for online assignment submission and online examination to the students. Other Departments in the college too are following innovative methods in teaching and learning such as group discussion, web/online video based learning, seminar presentation, Assignment preparation, field trip, study tour etc. The departmental alumni placed in the various institutions of international and national repute are invited to interact with the students. The Study Parks in the college frequently conducts discussions and debates by students,</p>			

	<p>pertaining to various issues, particularly to the topics in the syllabus. The college has got a <i>Civil Service Club</i>, which offers coaching programmes to the select students in the various departments. <i>Harmony</i>, the musical club actively functions in the college, conducting various aesthetic programmes, helping the students spend the leisure time positively.</p>			
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1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options  
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	Nil
Annual	Nil

- Choice Based Credit Semester System.
- Complementary Papers during first four semesters.
- Open Courses in the Fifth Semester of UG Courses.

1.3 Feedback from stakeholder (On all aspects)

Parents	<input checked="" type="checkbox"/>	Employers	<input type="checkbox"/>	students	<input checked="" type="checkbox"/>
Alumni	<input checked="" type="checkbox"/>				
Mode of feedback		Online	<input checked="" type="checkbox"/>		
Manual	<input checked="" type="checkbox"/>	Co-operating schools (for PEI)			

*\*Please provide an analysis of the feedback in the Annexure*

**See annexure 1**

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

The College is affiliated to the University of Calicut and is following the common Syllabus. Teachers have the opportunity to design the syllabus and make suggestions in the preparatory level of the syllabus. Faculties of our college who are members in the Board of studies of the University of Calicut could collect the suggestions of teachers in the preparation of syllabus.

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

PG Courses in English and Political Science were introduced.

## **Criterion – II**

### **2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
74	58	12	2	2

2.2 No. of permanent faculty with Ph.D.

14

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
7	2	Nil	Nil	Nil	Nil	2	Nil	9	Nil

2.4 No. of Guest and Visiting faculty and Temporary faculty

2      0      0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	43	24
Presented papers	3	27	16
Resource Persons	1	7	11

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

- The College offers ICT enabled teaching and learning. In every department at least two classes were converted as smart class rooms and LCD projectors and laptops are available in every class room. College has Wi-Fi facility in the departments, library, computer rooms, labs, class rooms and important reading corners. College has a well functioning broadcasting system which imparts study classes, speeches, NEWS, examinations schedules, and other information. Students have the opportunity to show their talent in music, public speech etc in the public address system of the college.
- Along with conventional teaching the Departments are promoting innovative teaching like group discussion, interviews, peer teaching, online/web based classes on important topics, field trips, study tour, internship, seminar presentation, Assignment preparation, laboratory work, classes by former students who have their higher education in reputed institutions of the country etc.
- The college is connected through LAN and high speed internet is made available.
- All the science Departments have introduced a programme *Science Parliament* which offers orientation classes on science subjects to LP, UP, High School and Higher Secondary teachers.
- The Department of Physics arranged a Sky watch residential camp for Higher Secondary, High school, UP school students, and for students of different colleges in the state.

- A lecture series on the Doctoral thesis of the respective teachers was organised by the faculties of the Physics Department to familiarise the students with research and encourage them to plan their careers in the field of research.
- An innovative learning programme titled the ‘Heritage Walk’ was introduced by the Department of History to familiarize the major Historical sites of earlier Kadathanad region (Vatakara, Nadapuram, Kuttiyadi, Koyilandy etc). The programme was scheduled in a way that students in the second semester BA class were divided in to five groups (consisting of 12 members) and assignments on particular topic related with heritage sites in and around Vatakara was given to the groups. They had to identify the different heritage trails in the region and locate heritage structures along with the trails.
- ‘HISTORY CIRCLE’ is a new initiative of History Department is offering opportunities to the students to participate in the discussions on various topics every day. The circle provides the students the opportunities to come out with their themes and to discuss in the presence of teachers and resource persons.
- The Department of English conducted communicative English classes with special emphasis on effective communication, business English, soft skills, lateral thinking and body language.
- The Department of Physical Education gave training sessions in Yoga, *Kalaripayattu* ( Martial art) and organised a summer coaching camp for Base Ball and Soft Ball.
- The new initiatives of the Government of Kerala such as the Walk with Scholar Programme and Scholar Support Programmes were successfully implemented in the best possible manner ensuring the maximum benefit for the students. The college has also been regularly conducting the Additional Skill Acquisition programme of the Government of Kerala to enhance the soft skills and efficiency in communication of the students.

2.7 Total No. of actual teaching days

180

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)

As the college is affiliated to University of Calicut it follows common Examination pattern offered by the University at each end semester. University follows conventional method of providing printed question papers and collecting of answer scripts from the students. However the college conducts two internal examinations each every semester in all the programmes following the pattern of the University examinations.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

7

3

2

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

93

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BA ENGLISH	26	-----	42	39	-----	81
BA ECONOMICS	46	-----	69.44	16.66	13.88	98
BA HISTORY	56	-----	28	54	13	95
BA POLITICAL SCIENCE	43	-----	9	75	5	90
BSc BOTANY	30	37	40	-----	13	90
BSc CHEMISTRY	26	38	23	8	15	85
BSc MATHS	30	-----	50	18	3	71
BSc PHYSICS	28	2	78	---	---	80
BSc ZOOLOGY	29	27.5	38	17.25	10.35	93.10

B Com	60	20	56	22	---	98
MA ENGLISH	15	-----	67	27	-----	93
MA HISTORY	16	-----	6	75	18	99
MA POLITICAL SCIENCE	14	----	5	70	23	98
MSc CHEMISTRY	13	----	84	-----	----	84
MSc PHYSICS	12	-----	83	----	-----	83
MSc ZOOLOGY	12	67	33			100
MCom	15	15	70	15		100

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

- IQAC monitored every academic and non academic activity in the college.
- IQAC have representatives from every departments, library, office, a student representative, a member from the local society and 3 members from the alumni.
- IQAC prepared the academic calendar corresponding to the academic calendar of University of Calicut.
- IQAC collected the feedback from students, teachers and college alumni on matters connected with teaching and learning.
- Evaluated the examination results of the students and made suggestions for improvement.
- On 20/11/2013 IQAC conducted one day orientation programme for teachers.
- IQAC conducted regular model examination at the end of each semester and made proper evaluation of exam papers.
- IQAC arranged teacher training programmes like MOODLE and special technical classes were conducted on the functioning of electronic equipment.
- IQAC and PTA provided orientation classes to the newly admitted students in the UG Classes.
- *Academic Facilitation Centre* was established to familiarize new developments in communication skill and soft skills and to equip the students with competitive examinations like JRF, NET, GATE, UPSC, PSC, Civil Service etc. Language Lab, Skill Lab and Knowledge Lab are functioning under the Academic Facilitation Centre.
- 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC – Faculty Improvement Programme	3
HRD programmes	2
Orientation programmes	3

Faculty exchange programme	1
Staff training conducted by the university	7
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	17
Others	6

#### 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	31	0	0	0
Technical Staff	14	2	3	Nil



### Criterion – III

## 3. Research, Consultancy and Extension

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

- IQAC is seriously involved in all the research activities of teachers and students.
- Regular follow up was done for avoiding the procedural delays related to major and minor research projects, Faculty improvement programmes, conducting of seminars and workshops
- The Research Committee of the college and IQAC members conducted regular meetings and monitored research activity in the college.
- An innovative programme organised by the IQAC was the lecture series by the faculty members on various areas of research. It was attended by teachers, research scholars and selected students.
- Special training was given to research scholars and teachers in the handling of electronic equipments and familiarized them with new search engines for collecting e-books and articles.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	1	1	
Outlay in Rs. Lakhs		285000	290000	1

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	4	18	5
Non-Peer Review Journals	6	11	1
e-Journals	4	nil	nil
Conference proceedings	1	6	3

### 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	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	2 years	UGC	520000	270000
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects ( <i>other than compulsory by the University</i> )				
Any other(Specify)				
2. Training Partner Scheme of ASAP	300 Hrs	General and Higher Education Department, Government of Kerala		
Total			520000	270000

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

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-----	<b>10</b>	<b>1</b>	---	<b>6</b>
Sponsoring agencies	-----	Directorate of Collegiate Education	1. Directorate of Collegiate Education 2. ICSSR 3. Kerala State Higher Education Council		Alumni and PTA

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

3.13 No. of collaborations International  National  Any other

- The departments have become functioning nodal points in the network of information sharing by maintain healthy relations with various educational foundations and research institutes.
- The Department of History has a tie-up with the Malabar Institute of Research and Development Vatakara. The Students are using the library facility of the institute for the preparation of projects and dissertations. The Institute conducted seminars and workshops.
- The Department of Physics collaborates with the Department of Computer Science, Calicut University, International School of Photonics, CUSAT and the Regional Planetarium, Kozhikode

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College   
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	---
	Granted	---
International	Applied	---
	Granted	---
Commercialised	Applied	--
	Granted	---

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
0	0	0	0	0	0	0

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

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

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:

National level  University level  State level   
International level

3.22 No. of students participated in NCC events:

National level  University level  State level   
International level

3.23 No. of Awards won in NSS:

National level  University level  State level   
International level

3.24 No. of Awards won in NCC:

National level  University level  State level   
International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

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

- The NSS conducted a Socio Economic Survey ( Phase I) and medical camp in the II ward of Onchiyam Grama Panchayath Vatakara.
- The Department of Commerce offered Accounting Class to members of *Kudumbasree* units in the nearby areas of the College
- The Department of Zoology conducted mosquito control programmes like rearing and distribution of larvivorous fishes.
- College Union collaborated with the NCC unit to arrange a blood donation camp. Students donated blood to the patients admitted in Vatakara Taluk Hospital and Government Medical College Calicut.
- Technical support, playing field and equipments are provided to School children by the Department of Physical Education.
- The college also organises summer coaching camps for softball and baseball (men& women) under the guidance of the faculty of the Department of Physical Education.
- Help was given to job aspirants for various forces by NCC and the Department of Physical Education.

#### Criterion – IV

#### 4. Infrastructure and Learning Resources

##### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	27 acre	Nil		27 acre
Class rooms	40	---	Government of Kerala, NABARD and UGC	40
Laboratories	12	----	Government of Kerala, UGC and RUSA	12
Seminar Halls	2	----	Government of Kerala and Alumni Associations.	2

No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	12	3	Government of Kerala.	15
Value of the equipment purchased during the year (Rs. in Lakhs)	1427000	230000	Government of Kerala.	1657000
Others				

#### 4.2 Computerization of administration and library

- The Central Library of the college has 31496 books and forty five journals.
- Access to more than 2000 electronic journals and 70000 e-books are being provided to staff and students under NLIST programme
- Online catalogue in the library can be accessed from anywhere in the world.
- Students and teachers have given individual password to get access to the NLIST so that reading facility is available at any time.
- Open Access Acquisition
- Wi-Fi enabled and Air conditioned Reading Room
- Library is connected to LAN and High speed Internet Facility
- Access to software like SPSS and TALLY,JAWS and LATEX
- The Department of Malayalam has a Community Library which provides books and study materials to students, teachers and non teaching staff. It is functioning like a walking library.
- The Department of History have a library operated by students.
- Separate areas have been allotted for reading and browsing. A separate space has been set for students who were preparing for competitive examinations

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	208	74880	402	94287	610	169167
Reference Books	27618	11323380	3248	1331680	30886	12655060
e-Books	690					
Journals	28	25760	5	4600	33	30360
e-Journals	2000					
Digital Database						
CD & Video	55					
Others (specify) Manuscripts and rare old books	518					

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	40	5	40.	1	0	0	0	
Added	10			----	0	0	0	
Total	50	5	40	1	0	0	0	

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

- The college has well equipped computer labs through which training on MS word, Excel, etc are given to the newly admitted students in UG and PG classes..
- One day workshop on MOODLE was conducted for teachers and students.
- Additional Skill Acquisition programme of sponsored by Government of Kerala is imparting IT oriented education to selected students.
- The Computer Club provides short term training to the students in Accounting, Video making, animation etc. Club extended its help in the repair of computers and other electronic equipments.
- The campus is connected through LAN and high speed internet is available
- Class Rooms, Library, Departments, Computer Labs and important reading corners are Wi-Fi connected.
- Kerala Government has introduced SPARK Software for the disbursal of salaries to teaching and non teaching staff.
- Availability of software like TALLY, LATEX ,JAWS and SPSS



4.6 Amount spent on maintenance in lakhs :

i) ICT	260000
ii) Campus Infrastructure and facilities	528000
iii) Equipments	145000
iv) Others	137000
<b>Total :</b>	<b>1070000</b>

## **Criterion – V**

### **5. Student Support and Progression**

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Post Admission Test for newly admitted students for UG and PG courses was conducted for identifying Slow, Average and High learners.
- Effective Tutorial Classes which helps to identify the potentialities and drawbacks of students and immediate requirements of students.
- Orientation classes for newly admitted students in the UG Classes were organised. The students are familiarised with the course structure, services of the Discipline Committee, anti ragging committee, career planning, different clubs in the college, internal and external examination system, NSS and NCC.
- Students are regularly informed of the scholarships and financial assistance from government and non governmental agencies.
- IQAC with the support of Scholar Support Programme, a new initiative of Kerala Government offers remedial teaching for the weaker students.
- Walk with the Scholar Programme provide special training in personality development, soft skill development and communication.
- IQAC conducted midterm internal examinations to all UG students at the end of each semester.
- In collaboration with PTA, it offers awards and financial assistance to the students.

## 5.2 Efforts made by the institution for tracking the progression

- Alumni meetings and programmes are conducted to identify the status of the students who pursued higher studies and got employment.
- Remedial Coaching for Slow Learners through Scholar Support Programme
- Regularly conducted PTA meetings for each class at the end of the semester classes to monitor the achievements and drawbacks of students in academic matters.
- Results of Public examination were discussed by the College Council and remedial measures were taken.
- Advanced Coaching to High learners through Walk With Scholar Programme and Civil Service Club in the College
- The Tutorial system helps to identify the problems, requirements and special talents of the students and specific training was given to slow learners. Tutorial books were given to the students to analyse their talents and record their progress. Students were split up into batches 10,20 or 30 as per their requirement and one tutor was allotted to guide them in academic and non academic activities. Students could give their bio-data in the proforma to the group tutor concerned. Opinion of the group tutor is important in assessing the conduct and progress of each student. Group tutors communicate periodically with parents/guardian and furnish them with attendances and progress, conduct, marks in the examination/periodical tests of their wards. Tutorial classes were conducted every day between 3.30 to 4.30 PM
- Feedback from Alumni, students and parents at the end of the semester and after the completion of course were regularly collected and discussed.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1310	202	2	

(b) No. of students outside the state

3
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(c) No. of international students

0
---

Men	No	%	Women	No	%
	587	38.82		925	61.17

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB	Physically Challenged	Total
751	218	69	398	48	1484	756	227	76	401	52	1512

Demand ratio

Dropout %

3.96

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

- Career Guidance and Counselling Cell arranged coaching classes for competitive Examinations conducted by Kerala PSC, Banking Service Recruitment Agencies, etc.
- Department of History and Commerce conducted Ten days Coaching classes for JRF/NET examination
- Department of Physics offers special training in higher education in physics through the evening classes, tutorials and model tests. Through these training sections the students acquire expertise to qualify different national level entrance tests for M Sc and PhD

No. of students beneficiaries

28
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#### 5.5 No. of students qualified in these examinations

NET	7	SET/SLET	13	GATE	1	CAT	Nil
IAS/IPS etc	Nil	State PSC	14	UPSC	6	Others	17

## 5.6 Details of student counselling and career guidance

- Career Guidance and Counselling Cell in the college along with Entrepreneurship Development Club conducted Orientation programmes, Seminars, business meetings etc for creating awareness among the students for opportunities and current market demands.
- A special One day job oriented orientation class was given to the new entrants in the UG Classes.
- ED club conducted a one day work shop on entrepreneurship.
- Counselling Cell and Students Grievance Redressal Cell provides personal attention and assistance to every student.
- Tutorial system offers the service of every faculty members in academic and personal counselling. The issues of students were reported to the principal and were taken up by the college council and subsequent remedial measures were taken.
- College Union, NCC, NSS, Fine Arts Club, Nature Club etc provide assistance to students in curricular and extracurricular activities
- Special training to get recruitment in Army and Police force were conducted by the NCC and the Department of Physical Education.

No. of students benefitted

24

## 5.7 Details of campus placement

Number of Organizations Visited	<i>On campus</i>		<i>Off Campus</i>
	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	68	6	

## 5.8 Details of gender sensitization programmes

- Various programmes were arranged by the Women’s Welfare Cell of the College for solving the problems of girl students in the college.
- The cell also conducted a lecture series on Women related issues.
- Women faculty members were given charge of different classes
- A separate room was set apart for girls where all facilities like first aid, sanitary napkin, winding machine etc are available.
- Women Cell conducted seminars and invited talks by various prominent personalities.

## 5.9 Students Activities

### 5.9.1 Details of gender sensitization programmes

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

#### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	48	
Financial support from government	16	
Financial support from other sources: (Alumni)	20	
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level	<input type="text" value="2"/>	National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>
Exhibition: State/ University level	<input type="text" value="3"/>	National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>
			<input type="text"/>		

#### 5.12 No. of social initiatives undertaken by the students

- A Blood donation Camp conducted by NCC, NSS and the College Union in association with the Co operative Hospital Vatakara.
- The students of the college regularly donate blood to the patients in Government Hospital Vatakara and Government Medical Collage Calicut.
- A Social and Economic survey was conducted by the NSS volunteers in the Ward II of Onchiyam Grama Panchayath, Vatakara.
- Nature Club conducted Environmental sensitisation programmes like Green Festival to create interest in environmental protection.
- Fund collection was raised for the ailing in *the* old age homes *Ashabhavan* Koyilndy and *Thanal* Vatakara.
- Student volunteers regularly visited the inmates in the two old age homes mentioned above, interacting with them and giving them comforting care. As part of reassuring and cheering them up, cultural programmes were performed.

**5.13 Major grievances of students (if any) redressed: Major grievances Not registered**

- Grievance Redressal Cell of the college was functioning as per the rules and regulations of Government of Kerala.
- Students had the opportunity to present their grievances to the cell. The common grievances of the student community like interruption of water supply and girls' recreation/ menstrual related issues could be solved to their satisfaction with the help of PTA and other agencies
- Examination related grievances were solved by a body consisted of chief superintendent of Examination and faculties.
- Complaint boxes were installed at important places of the college where students could put their complaints.

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.1 State the Vision and Mission of the institution**

Our Vision: A better tomorrow for the youth irrespective of caste, creed or class and thereby for our state and nation

Our mission: To inculcate in the students the finest practices of scholarship and citizenship

**6.2 Does the Institution has a management Information System**

- The College has an effective management system that consists of Principal, Vice Principal, College Council, Discipline Committee and Anti Ragging Committee. Principal who acts in consultation with college council.
- The Principal is the ex officio President of the Council. The council could appoint one of the members as the Secretary and member could continue in office for one year.
- There is much transparency in the admission of students and utilization of funds allocated to the college. There is online open window system introduced by university for the admission of students.

- The college has a public address system through which every information regarding to academic matters, examinations, special programmes etc are communicated to the students.
- College office is fully computerized and information related to the fee collection, scholarships and fund distribution is made available at any time.
- Anti Ragging Committee and Discipline Committee of the college make day to day monitoring of classes, student activities and the programmes conducted in the campus by the student associations.
- College Council regularly meet to discuss academic matters, fund allocation, student grievances, examination result analysis etc.
- The salary payment system of the staff is governed by the Government of Kerala software SPARK.
- All relevant information about the college is published on the college website for reference.
- Online and written communication regarding official matters, instructions by university, exam/ valuation related issues etc. are given to the faculty members.
- All the departments conduct weekly faculty meeting for looking into the completion of the syllabus, analysing the curricular/extra curricular progress of the students and chalking out plans to improve their academic development.
- Along with Public Examination midterm internal examinations were conducted with the assistance of PTA.



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

#### 6.3.1 Curriculum Development

- The college is affiliated to University of Calicut and there is a common syllabus applied to all colleges under it.
- The faculties are acting as the members of Board of Studies of the University and they are involved in the process of formulation and updating the syllabus.
- The Department of History has conducted an Add on Course on ‘Archaeology’ sponsored by the Government of Kerala
- The Department of Commerce and Department of Physical Education are conducting Certificate Courses in Computerised Accounting and Yoga respectively.
- Kerala state Higher Education Council conducted one day workshop in the revision of syllabus which was attended by all faculty members and suggestions were provided.
- The college has a Language Lab, Skill Lab and Knowledge Lab under *Academic Facilitation Centre* which provide special training in communication, soft skill development and coaching for competitive examinations.
- Walk with Scholar Programme, Scholar Supportive Programme and Additional Skill Acquisition programme are new initiatives of Government of Kerala which helps the students to get extra learning and skill acquisition along with regular teaching and learning.

#### 6.3.2 Teaching and Learning

- Along with the conventional methods of teaching and learning college follows ICT oriented teaching
- All the class rooms and departments have internet connectivity.
- The college has a multimedia room and EDUSAT room.
- At least two class rooms in each department are maintained as smart class rooms and in others LCD and laptop is available.
- Public address net work has connectivity in every class rooms and important points of the campus.

- Certificate and Value Added Courses were conducted by the Department of Commerce and Physical Education and Department of History.
- Brail software and sound recorder is available in the language lab and library for the students who have physical and visual disabilities.
- In the Tutorial system students are given opportunities to present research papers and project reports during the tutorial hour. It also enhances communication skills, public speaking, debates, etiquette, interview skills etc.
- Innovative teaching practices like group discussion, seminar presentation, assignments, classes by outgoing students who peruse their study in reputed institutions, field trip, study tour, web/online oriented classes on important topics etc.

### 63.3 Examination and Evaluation

- The college organises the public examination at the end of each semester as per the schedule given by the University.
- Apart from this, regular class tests were conducted by the concerned departments. IQAC and PTA conducted midterm internal examination before the commencement of public examination
- Along with written examinations, seminars and assignments were given to the students for the evaluation of their academic status.
- PTA meetings were conducted regularly by the respective departments and the progress of the students is discussed with the parents

### 6.3.4 Research and Development

- IQAC and Research committee of the college are monitoring the research works of faculties and students.
- The Departments of Physics and Zoology are approved as research centres of Calicut university.
- Six faculty members are doing PhD under FDP

- Four faculty members are doing Minor Research Project
- Students are regularly encouraged to do project work.
- *Research talk* , was a programme initiated by the IQAC to provide opportunity to research scholars and faculties to present their research papers in the weekend . The meetings were attended by all faculty members. IQAC also organised Invited lectures.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- The college has a well equipped central library which offers books, journals and internet facilities to teachers and students.
- The library has separate sections for books, competitive examinations, reference books, journals and e- reading.
- The central library has 31496 books 33 journals and have access to 2000 journals and 70000 books through NLIST programme of INFLIBNET.
- The library provides an open catalogue system which can accessed from anywhere in the world.
- Open Access system facilitates easy search of books and journals
- The library provides software like TALLY, and SPSS, JAWS and LATEX.
- Recording system and Brail software is available for physically and visually challenged students.
- The library is fully computerised, connected through LAN and Wi-Fi is available.
- Separate passwords were given to the students and teachers to get access to NLIST.
- The Library Committee monitors the functioning of the library and its working hours, library usage and library resources.
- Along with the facilities in the Central Library Different Departments are maintaining individual libraries for the use of faculty and students.
- The Department of Malayalam has a community library system.
- The Department of History has a Library operated by students.

### 6.3.6 Human Resource Management

- Teachers are selected on merit by Kerala Public Service Commission.
- After the completion of one year in service teachers have to attend orientation and refresher courses.
- FLAIR programme organised by the government of Kerala provides funds for internships in reputed institutions in India and abroad for teachers.
- The Cluster of college system provide opportunity for the exchange of faculties.
- Faculty Development programme allows the teachers to complete the research work with the financial assistance of UGC.
- The college provides the teachers and non teaching staff the assistance to attend seminars, workshops and training programmes conducted by government of Kerala and other non governmental agencies.

### 6.3.7 Faculty and Staff recruitment

- All the staff working in regular posts in the college including the teachers, office members, Lab assistants and other employees are recruited by the Public Service Commission of Kerala.
- For teaching posts there is a written examination followed by interview.
- When any vacancy arises it is immediately reported and temporarily filled by the appointment of guest faculties.
- When a teacher was selected for FDP scheme for the completion of research their vacancy was filled with adhoc faculties.

### 6.3.8 Industry Interaction / Collaboration

- College has an Entrepreneur Development Club which conducted various programmes and has association with District Industrial Centres and Business firms.
- College has an alliance with the Uralungal Labour Contract Society which provides financial assistance to different activities in the College.
- Career Guidance and Counselling Cell conducted job fairs which were benefitted by 5 students.

### 6.3.9 Admission of Students

- Admission of students to various programmes was done through the online admission process of as per the guidelines of the University of Calicut.
- The college strictly follows the reservation rules and the guidelines regarding the awarding of grace marks for students involvement in NCC and NSS and CSS
- The college has an Admission Committee that consisted of Principal, Vice Principal, Convenor , Senior Superintend and Heads of the Departments.

### 6.4 Welfare schemes for

Teaching	Welfare schemes like Health Insurance, Accident Claim, Provident Fund ,Housing Loan etc by Government of Kerala
Non teaching	Welfare schemes like Health Insurance, Accident Claim, Housing ,Provident Fund etc by Government of Kerala
Students	Students Aid Fund and other Scholarships offered by Central and state governments and Alumni

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Directorate of Collegiate Education and University of Calicut	Yes	Through the Feed Back of Students, Parents and Alumni
Administrative	Yes	Directorate of Collegiate Education and University of Calicut	Yes	Through the Feed Back of Students, Parents and Alumni

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

For UG Programmes      Yes  Yes      No

For PG Programmes      Yes  Yes      No

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

- University introduced false number system for ensuring transparency in the evaluation of the answer scripts.
- Examination dates are announced at least one month before its commencement in the University website and through the written communication to the college.
- Special squad was constituted to avoid malpractices in the examination.

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

- Affiliated colleges are strictly following the rules and regulations of the college.
- Colleges have the freedom to design their academic calendar, conduct of internal examinations etc.

6.11 Activities and support from the Alumni Association

- The College has a registered Alumni which is actively supporting the Academic and non academic activities
- It is contributing financial assistance to various activities of the college
- Along with the General Alumni Association, the Departments have their own Alumni associations
- MACOS the alumni of Graduates in Mathematics, institutes scholarships to students every year and are donating funds for purchasing furniture, electronic equipments, maintenance of departments etc.
- Scholarships and awards are given to the top scorers by Commerce Alumni Association of Madappally (CAAM). Alumni members visited the Departments and provide details on Job opportunities.
- Alumni placed in reputed institutes conducted classes to students in various departments

- Alumni who are doing research in different fields of Physics visit the department and interact with the current students.
- The Alumni Association of the Department of History provides scholarships and financial Assistance to top scorers in the graduate and post-graduate courses.

#### 6.12 Activities and support from the Parent – Teacher Association

- . The PTA provided financial assistance to various activities and projects of the college.
- The PTA of the college consisted of principal and five members each from the parents and the teachers.
- The PTA arranged a function to welcome the first year UG students and their parents on the day of commencement of the first year classes.
- Class PTA meetings helped to maintain good rapport with parents to collect their feedback on overall performance of the college.
- The PTA provided financial assistance to the repair of class rooms and laboratories. Immediate requirements of the departments were met by the financial assistance of the PTA.
- The PTA arranged *Merit Morning* function every year which provided awards and financial assistance to the meritorious students.

#### 6.13 Development programmes for support staff

- Faculty Development Programme for teachers to complete their research project
- Technical Assistance to get Major and Minor Research projects
- Assistance to conduct seminars and workshops
- Better communication between the office and faculties with matters related to appointment, fund transaction, bill settlement, fund allocation etc.



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

- Attempt to reduce the use of papers by facilitating online communication system
- Well preserved botanical garden
- Use of non conventional energy sources like solar.
- Proper waste management system



#### 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.

- Talk on Research – Talk by staff members on their Ph.D. work motivated the students towards research
- Commerce Department organised national level management fest, ZESTAURA-2013, which conducted various programmes like Business Meet, Talent Hunt, Quiz Programme, Interactive sessions, Personality Development Programmes, Group Discussions, Mock Interviews etc. In order to equip the students with the necessary skills to meet the challenges of the competitive world
- *Navagatharkku Snehapoorvam* an Orientation programme conducted by IQAC and PTA for newly admitted students helped them cope up with college environment.
- Study Parks in the college frequently conducts discussions and debates by students, pertaining to various issues, particularly to the topics in the syllabus.
- Department of Physics conducted training programme in MATHLAB and PYTHON
- Skill enhancement and Personality development programme were conducted in connection with ASAP and Walk With Scholar Programme.
- Setting of Smart Class rooms in all departments.

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

- One day Orientation class was given to newly admitted students in UG Classes
- Model examinations were conducted at the end of semester classes.
- National and state level seminars were conducted by various departments.
- Feed back of Parents and students were collected on overall performance of college in teaching and learning activities.
- Awards and incentives were given to meritorious students in UG and PG classes.

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

1. Making the Institution as a Knowledge Hub
2. One Batch Ten Plants: Making Green Umbrellas to My Campus

***\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

- College has a well preserved botanical garden with more than two hundred varieties of plants.
- Collection of medicinal plants
- Nature Club in the college conducted various programmes like Green Festival, five day residential camp to create awareness on environmental protection.
- NSS volunteers actively involved in the cleaning of river and water resources in nearby areas.
- Botany Department of the college has an incubation centre where new saplings were reared.

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**

- Established in 1958, Government College Madappally is one of the first institutions of higher education started by the Govt. of Kerala. Located in a rural area the institution boasts a proud tradition of exemplary alumni and functions as a centre of knowledge for the community.
- In 2004 when the NAAC accredited Government College Madappally in the first cycle it became one among the few colleges under the Government of Kerala to have been awarded the A Grade.
- A major highlight of the college is the diverse Botanical garden with more than a hundred varieties of plants.
- The Wide Campus
- The college has a proud legacy of meritorious alumni such as Shri Mullappally Ramachadran, former Minister of State, Home Affairs, Shri Richard Hay, MP Rajya Sabha, Shri Rajan Gurukkal, Vice-Chairman, Higher Education Council of Kerala, Kendra Sahitya Academi awardee Shri Punathil Kunjabdulla.
- The academic criterion for getting admission to Govt. College Madappally has always been high.
- The academic vigour of the students and the faculty members in the college and the friendly atmosphere generally prevalent in the college has ensured that more female students opt for their studies in Government College Madappally.

- The students have been topping the University Rank Lists for several years now.
- The rich tradition of academic legacy is sacredly guarded by the highly experienced and efficient teaching faculty. The teachers have been engaged in various minor research projects and have been consistently interacting with various institutions involved in research. The positive approach of the teaching faculty towards innovative research endeavours ensures that the students are consistently motivated to pursue new frontiers in their areas of interest.
- The Central Library of the college functions as a cornucopia of knowledge having 31496 books and forty five journals. The students have access to more than 2000 electronic journals and 70000 e-books which are provided to staff and students under the NLIST programme which can be accessed from anywhere in the world.
- The PTA in the college is very active and no effort is spared to ensure the continuous participation of the parents in the academic growth of the students. The strong involvement of the PTA in the academic and non-academic matters has benefitted the college in developing its resources at grass-root level.
- The scholarships and grants offered by the Central and State Govts and the PTA are systematically awarded to the students.

#### **WEAKNESS**

- One are of major concern the college faces is the damage caused over the years. The buildings initially constructed are almost fifty years old and needs renovation.
- The regular transfer of the teaching faculty is a major factor in the incompleteness of certain projects.
- The college follows the schedule given by the University of Calicut in the conduct and completion of examinations which often gets delayed by unforeseen circumstances affecting the University.
- Even though the students take up the research activities for their dissertation and project work which are part of their syllabus, they lack the exposure in taking up research projects in other institutions.
- The college has not developed a rain water harvesting system.

#### **OPPORTUNITIES**

- The college can better the utilization of the alumni in providing short term projects and research orientation programmes for the current students on the college in various institutions.
- We have alumni working in various parts of the world which can be utilized in a better manner in securing job opportunities and educational programmes for the students.

- The college can function as an incubation centre to extend its activities to the society by providing training in professional skills to the locality members. The college can start a certificate course in communications skills for people who wish to get jobs abroad. The college can also provide training for Kudumbhashree members in basic business and commercial transactions. Training can be given to small scale projects like making paper bags, soap manufacturing, mushroom cultivation and conduct food adulteration awareness campaigns.
- A publication division with the support of various Governmental financial agencies can be started.

### THREATS

- The implementation of the semester system has caused undue burden on the student community as well as teaching faculty.
- The technical and administrative delays in implementing various projects in a constant issue faced by the college.

### 8.Plans of institution for next year

Intends to upgrade more PG departments as research centres

Promote inter disciplinary research

More PG and UG Programmes

Construction of a PG Block and Seminar Complex

Name **DR.PK. SUMODAN**

Name **DR. PK. MEERA**

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_\*\_\*\_\*\_\_\_\_\_  
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ANNEXURE i

1.3 IQAC of the College has prepared a Questionnaire to collect the feedback of students, parents, alumni and employers at the institutional level. Feedback system in the college has three levels.

- At parent level, at the end of each semester, the class PTA meetings were conducted and discussed the academic performance of the students. Attendance report and internal marks of students were collected in a prescribed format and they were reported to the parents. The class PTA meetings helped us to collect feedback from parents and to make improvements in teaching learning process. The annual PTA meetings held at the month of March had discussion on the performance of students, infrastructural facilities of the College, common grievances of the students, etc. The Alumni of the college was very active in academic and non academic matters and meetings were organized regularly. Along with College Alumni every departments had its own alumni which played as a corrective force in teaching and learning process. Alumni provided financial assistance to improve the facilities in the Zoology Laboratory and extended their support to furnish college auditorium.
- There was a provision to collect the feedback of teaching and non teaching staff on overall performance of the college. Their feedback was collected in a prescribed format at the end of every academic year.
- Students had opportunity to assess the performance of teachers and non teaching staff. There was online software to collect the feedback of students. After getting the feedback from students, decision in this regard was taken by the college council and remedial measures were taken. Feedback provided by the students were analysed and discussed by departments and the College council.

Suggestions by the Parents

- Parents were satisfied with overall performance of the college in teaching and learning process especially the facilities available in the Library and Laboratories.
- Number of seats in both UG and PG classes should be increased
- More facilities in Girls amenities room
- More toilets for Girls and Boys
- Class time should be changed from 10 to 5
- More Programmes in UG and PG level to be introduced
- More Skill oriented programmes to be started

- Separate Hostel for Men should be started

#### Suggestions by Students

- More Weightage should be given to Open Course
- A separate hostel for boys to be started
- Library time to be extended up to 6 PM
- Facilities in the computer labs to be improved

### **ANNEXURE ii**

#### 7.3 Best Practices of Government College Madappally

##### **Best Practice I**

##### **Title: Making the Institution as a Knowledge Hub**

Key words: Specialised monitoring, Association of transferred and retired teachers, Interaction with society through Science Parliament, Managerial Practices and training in martial art.

#### **Objectives**

An educational hub based on the philosophy that education is not something that limits to a college campus, but extends over to life and people outside. The hub is developed by encompassing the whole college into a single unit and visualises academic space as fluid.

#### **The Context**

Government College Madappally located in Madappally Hill of Onchiyam Panchayath is a sought after destination for students from all parts of the state including the remotest rural areas. The college is a major centre of higher education coming under the jurisdiction of the University of Calicut. The hectic class room activities and frequent examinations dictated by the semester system has curtailed the time students get to engage in extra reading and soft skill development. At the same time developing their communication skills and knowledge proficiency in order to cope with the challenges offered by a highly competitive world, also became a necessity. In order to equip the students with the necessary skills demanded by their respective chosen fields of endeavour the staff council of the college began a partnership with various educational experts. The initiative was planned and implemented through short training sessions, each one catering to developing a specific skill set. This included classes on communicative English, Soft skill Development, Experimental science, Event Management and Accounting, Video making, Graphic designing and Martial Arts. The different Arts departments of the college prepare the students with extra knowledge



which, in turn, prepares them for holistic education and also equips them to appear for different competitive examinations. Specialized individual training is given to students interested in higher studies and research. Special focus is on enabling them to develop research ideas and pursue it. Classes are given to align and co-ordinate the research acumen of the students. The programme was conceived and executed in such a way that it integrates the best principles of the “Scholar Supportive Programme,” “Walk with Scholar Programme” of Higher Education Council of Kerala and the ASAP initiative of the Govt. Of Kerala. An alliance was made with the Uralungal Education Foundation. The foundation is a novel venture of international standard started by the Uralungal Labour Contract Society which is situated just two kilometres from the College. The programme was designed in such a manner that professional training in the above mentioned areas will be imparted to meritorious students in each class. The students who are trained in the specific area of interest will coordinate with the faculty members in disseminating the knowledge and function as creative centres in all activities of the college. Subsequently they serve as helping hands in the conduction of various events and programmes for the community members.

### **The Practice**

The proposed Best Practice is an attempt to integrate research and practice in education with curriculum teaching. The two tier mechanism of the hub is divided into activities within the premises of the campus and Vatakara Taluk.

The first tier, that is, activities inside the campus is aimed at developing an extra edge for the students. The whole programme runs on the basis of an independent curriculum developed by a team of teachers. A module of 30 hrs is designed for each programme as stated below.

1. Inter-disciplinary and intra-disciplinary lecture series
2. Specialised mentoring for the five students from each department.

The second tier consists of the extension activities in association with local bodies and other institutions. The **Science Parliament** run by the college is a successful programme under this initiative. The programme offers regular training in scientific experiments and new technology to the science students in the college and nearby schools. It also offers orientation classes on science subjects for the teachers engaging LP, UP, High School and Higher Secondary. The students also share their resources and training with agricultural bodies, *Kudumbhashri* and animal husbandry.

The hub integrates and extends its reach to facilitate the various new initiatives of the higher education council. The aim of this hub is to function as a nodal point and expand its scope further to every Government College affiliated to the University of Calicut. The extension of the educational hub is best suited to the functioning of the Government



Colleges, where faculties are regularly shifted through transfers. The teachers who are transferred and have taken retirement from the college make regular visits and interact with the students. Developed to its full potential, the programme is envisioned to expand into a Pan-Kerala initiative with Government College Madappally as the Centre.

### **Evidence of Success**

The students trained through the scheme have significantly improved their skills in the chosen arena. The proof is seen through their performance in various activities of the college. Their training has rubbed off on their college mates who have pooled in their resources to venture out into the society intervening where their expertise is required.

For instance the students who were trained in ‘Event Management & Accounting’ conducted the ZESTAURA management fest this year.

The students trained in “Experimental Science”, “Event Management & Accounting” coordinated the conduction of the Science Parliament this year.

The people who are moving abroad especially to Gulf countries are being trained by our students in Communicative English and Business English.

The students trained in “Communicative English and Soft skills” have been engaging the students in the nearby schools in teaching them English through songs and games. We have received great reports regarding the interest shown by the students in learning English the fun way.

### **Problems Encountered and Resources Required**

This innovative plan has been widely accepted and appreciated by both the student community and the people in and around the locality. It is only natural that an initiative of this magnitude and potential face certain challenges. One issue has been the vagaries in the examination schedule which forces us to alter the schedule of the programmes accordingly. Being a Govt. College, the financial restraints on unleashing the full potential of various events is something which needs to be sorted out.

## BEST PRACTICE II

### ONE BATCH TEN PLANTS: MAKING GREEN UMBRELLAS FOR MY CAMPUS

#### Context.

The college has a green campus with more than two hundred variety of trees, a medicinal garden and a Botanical Park. Fifty six years ago the college began functioning on the Machinery hill, which was basically a barren land. When the imagination and the energy of the students joined forces with the experience and wisdom of the teachers, the barren land started to transform and Machinery became Green. The awareness of the magnitude of the task at hand which could be accomplished only through a collective and consistent effort resulted in the formation of the nature club and the Student's Forestry Club. They put in hard hours with the sole aim of planting as many saplings of trees and shrubs as they can to turn the campus into a natural garden. A variety of flowering trees and ornamental shrubs now adorns the once desolate landscape. This was made possible by the unbridled enthusiasm and tireless efforts of a small group of students and teachers. There is a well preserved medicinal garden in the campus maintained by the Nature club and the Botany Department of the College. The Department conducted a green audit of the campus and arranged regular awareness programmes. Initiatives of the Nature Club of the College such as the *Green Festival*, *Moon light Walk* and *Green Madappally Clean Madappally* etc. were welcomed with great applause by the student community and the people of Madappally. However with time the hectic academic activities and the exam schedule dampened the enthusiasm of the students from co-curricular activities and the implementation of protective measures to enrich the environment. The College had to ensure that the tremendous effort made by the former teachers and students to protect the natural surroundings did not fade of into oblivion. The current programme was hence launched when there was heavy downpour in the rainy season and many trees were uprooted.

The Nature Club of the college launched the mission to make the campus plastic free and prepared a detailed plan to preserve and maintain the vegetation in the campus. There are 25 student members in this club. Every year, students willingly come forward to partake in the activities of the club. Planting, weeding, manuring and watering are done by the members at the right time in the right spirit. The social forestry department has provided the club with a variety of rare plants. A series of seminars and orientation classes along with field visits were conducted to create awareness among the students. Five Days Green festival was conducted at the beginning of June. The programmes were attended by teachers, students, scientists and environmental activists from all parts of the state. It was arranged as a residential programme and included seminars, discussions, debates and documentary on environment related topics. Entire campus was cleaned and regular

follow up was made with the support of NSS volunteers, NCC Cadets and members of *Kudumbrasree* units of Onchiyam Panchayath Vatakara.

### **The Practice**

The programme was planned in a such manner that when the admission process in the first year UG classes was completed, students belonging to different programmes had to plant and nurture one plant each till the completion of their programme. They were given instruction and orientation on planting, manuring and watering of trees. The plants are nurtured by the students with affection and love and are considered to be a part of their family. In this manner the students of the ten departments in the college could cultivate ten plants every year. Proper care was given to the plant till the completion of their study and the tradition passed on to the future batches. It was taken as a mission and programme of action by every batch of students. Department of Botany maintains a unit where the plants are layered and saplings were given to nearby houses.

### **Evidence of success**

At present the Botanical Park of the college is adorned with more than two hundred plants and they provide a cool covering and create a congenial academic atmosphere. Botany Department of the college served as a nodal centre in the cultivation of budded plants which were then supplied to the local community. The wide varieties of flowering trees and the ornamental shrubs is something ever visitor to this college look forward to.

### **Problems Encountered and Resources Required**

Madappally receives plenty of rainfall and trees are uprooted regularly. Taking care of the saplings and the trees on a hill requires continuous vigil on the part of the students and the staff of the college. Maintaining the foundation of big trees and protecting them from the effects of soil erosion becomes a herculean task due to the location of the college and the heavy downpour and puts additional financial burden on the college.

**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

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