

**INTERNAL QUALITY ASSUARANCE CELL  
ANNUAL REPORT 2017-18**

**SUBMITTED TO THE**

**NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL**



**BY**

**M.E.S. MAMPAD COLLEGE  
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Ref: MES/MC/IQAC-12-18

Date: 17-12-2018

To

**The Director**  
National Assessment and Accreditation Council  
Bangalore -560 010.

Dear Sir,

Sub: Submission of AQAR - 2017 - 18 regarding.

Greetings from MES Mampad College.

MES Mampad College is an Autonomous Arts and Science College, affiliated to the University of Calicut, Kerala.

We are hereby submitting the annual Quality Assurance Report (AQAR) of our college for the period 2017 -2018.

Assuring you of your co-operation.

Thanking You.

Yours faithfully

Dr. PK Babu

## **VISION**

Providing of affordable and quality education to all, especially to the backward and the marginalized people, the Muslims, Scheduled Castes and Scheduled Tribes. Empowering of the underprivileged through education, and providing of education catering to the needs of present global job market.

## **MISSION**

Dedicating ourselves for educational uplift of the people. To fulfil our vision we devise and execute academic, co-academic and other programmes to ensure the quality of life, social and economic equity, which ultimately will fortify us as a nation. The progress of a nation is the progress of its people.

## 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

### 1. Details of the Institution

1.1 Name of the Institution	M E S Mampad College
1.2 Address Line 1	Mampad College P.O
Address Line 2	Malappuram District
City/Town	Nilambur
State	Kerala
Pin Code	676542
Institution e-mail address	info@mesmampad.org
Contact Nos.	04931200387
Name of the Head of the Institution:	Dr. Babu. P.K
Tel. No. with STD Code:	04931200387
Mobile:	9656000305

Name of the IQAC Co-ordinator: Hasker. E

Mobile: 9995085903

IQAC e-mail address: iqacmampadcollege@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879) ---- KLCOGN10382

1.4 Website address: www.mesmampadcollege.org

Web-link of the AQAR: <http://www.mesmampad.org/wp-content/uploads/2016/03/Self-Studay-Report->

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

#### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+		2003	2008
2	2 <sup>nd</sup> Cycle	A	3.5	2010	2015
3	3 <sup>rd</sup> Cycle	A	3.39	2017	2022
4	4 <sup>th</sup> Cycle				

1.6 Date of Establishment of IQAC : DD/MM/YYYY 01 / 06 / 2003

1.7 AQAR for the year (for example 2010-11) 2017-18

1.8 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)

1.9 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

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

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

University of Calicut

1.12 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	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme-	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

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

2.1 No. of Teachers	<input type="text" value="9"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="1"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="17"/>
2.10 No. of IQAC meetings held	<input type="text" value="12"/>

2.11 No. of meetings with various stakeholders: 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  ational  te  titution Level

(ii) Themes

Evaluation process in autonomy  
ICT Oriented Teaching Learning Process  
Challenges in class room teaching  
Existence and Expression: Science, Philosophy & Art

### 2.14 Significant Activities and contributions made by IQAC

#### Plan of action IQAC and Achievements 2017-18

At the end of an academic year- in February or March-the IQAC usually prepares an action plan for the neat academic year. This is done after discussion with the staff at various levels.

The plan of activities for the academic year 2017-18

1. Decided to organize more number of International conferences in all academic years
2. Strengthen the International student exchange programs
3. Decided to Sign MoUs with National and international institutions / Universities
4. Regional and National linkages with industries and institutes
5. Workshop in teaching learning evaluation for teachers

The IQAC decided to prepare our students for achievements in arts and sports. It was planned to assign special charges to teachers who, being minor artists themselves, have genuine interest in the promotion of games. Constant practice under the guidance of teachers was expected to bring good results.

#### Achievements

- 1) Conducted an international conference
- 2) International student exchange programs with the support of US embassy
- 3) Signed 2 international 5 national MoUs with reputed institutions / Universities
- 4) Tie up with national and regional reputed institutions
- 5) Organized programme for the quality enhancement of the teaching learning process

As a result of these seminars and workshops the initial hesitation of the staff towards autonomy could be overcome. The staffs become mentally prepared to take up the challenge and get really for the task ahead

These seminars were remarkable by participation of students and faculty. They helped students and staff for the up gradation of knowledge in their disciplines. Moreover they also opened doors to probable areas of research. Enabling students to look beyond the classrooms was another achievement of these seminars.

- 6) The following projects with international collaboration were undertaken
- a. United Nations Environment Programme (UNEP)- Eco Peace Leadership Centre, South Korea has signed an MoU agreement to make an earmarked contribution to MES Mampad College in the amount of USD 2,000 for the project of Dr. Anoop Das, titled “Strengthening Capacity and Awareness in the Conservation of Sacred Groves in the Southern Western Ghats” in India.
  - b. United Nations Development Program UNDP, Govt of India with TBGRI, Palode and MES Mampad College have signed an MoU agreement to make an earmarked contribution to TBGRI in the amount of 15,86,650 for the project of Dr. Balakrishnan and Dr. Anoop Das, titled “Identification of Indicator Species for Special Conservation Efforts in India High Range Munnar Landscape Project ” in India.
  - c. College, have signed an MOU with Department of International Affairs, Leshan Normal University (LNU), Sichuan, Peoples Republic of China. The president of the Leshan Normal University with six delegates visited our institute in March 2017 for signing the MoU.

The international collaboration has opened the vista of a rural college to wider frontiers of collaborative work with institutions and organizations of repute.

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

2.15 Whether the AQAR was placed in statutory body      Yes       No     

Management            Syndicate            Any other body     

Part – B

**Criterion – I**

**1. 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	NIL	1	NIL
UG	13	NIL	1	NIL
PG Diploma				
Advanced Diploma				

Diploma				
Certificate	3 Add-On	NIL	NIL	3
Others				
<b>Total</b>	23	0	2	3

Interdisciplinary	1			
Innovative	0			

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester <input checked="" type="checkbox"/>	All 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)

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

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

No

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1

Total	Ass. Prof	Asso. Prof	Prof	Others
64	56	8	NIL	NIL

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professor		Associate professor		Professor		Others	
R	V	R	V	R	V	R	V
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

2.4 No. of Guest and Visiting faculty and Temporary faculty

32

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	43	30	52
Presented papers	28	35	34
Resource Persons	3	11	18

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

1. Experiential learning – study tour projects
2. Interactive smart board
3. Short term skill oriented courses

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

184

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

Double Valuation

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

25

2.10 Average percentage of attendance of students

86%

## 2.11 Course/Programme wise

Distribution of pass percentage: (Result of 2017-18)

Name of the course	No. of candidates appeared	Grade								Pass %
		A+10	A 9.5	B+ 9	B 8	C+ 7	C 6	D+ 5	Failed	
BSc Chemistry	33	-	8	13	7	-	-	-	5	84.8
BSc Food Technology	37	1	5	19	7	-	-	-	5	86.4
BSc Mathematics	34	0	4	6	8	7	-	-	9	73.5
BSc Physics	31	-	2	14	13	0	0	0	2	93.5
BSc Zoology	26	2	4	10	7	-	-	-	3	88.4
BA Arabic & Islamic History	28	0	1	9	13	2	-	-	3	89.2
BA Economics	40	-	3	12	13	8	0	0	4	90
BA English	34	0	1	16	8	3	0	-	6	82.3
BA Mass Communication	31	0	0	4	11	8	0	-	8	74.2
BA History	44	-	1	12	17	2	-	-	12	72.7
BCom	53	0	5	27	10	10	0	-	1	98.1
B.Com CA	33	0	2	11	8	10			2	93.9
BBA	22	0	0	7	4	4	0	0	7	68.18
MSc Chemistry	11	0	0	5	3	0	-	-	3	72.7
MSc Food Technology	10	0	-	5	5	-	-	-	0	100.00
MSc Mathematics	18	-	0	1	8	4	2	0	3	83.3
MSc Zoology	12	-	5	4	2	-	-	-	1	91.7
MSc Arabic	16	0	2	4	9	1	-	-	0	100
MA Economics	18	0	0	3	11	2	1	0	1	94.4
M.Com	16	-	-	9	1	2	0	-	4	75

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

How does IQAC evaluate Learning and Teaching

Feedback collected from students, feedback from the parents, and open discussion with peer group are some ways by which the IQAC has been evaluating learning and Teaching.

There is an institutional mechanism for student feedback. The feedback so received is discussed with the concerned teacher, and suggestions are given.

Moreover to make the teaching time-bound and to ensure completion of the syllabi in time, every teacher is required to submit a teaching plan at the beginning of the semester. This is monitored through the Academic Monitoring Committee of the IQAC. A teacher is given charge of the Academic Monitoring Committee.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	5
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	5
Faculty exchange programme	2
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

### 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	21	3	NIL	6
Technical Staff	1		NIL	

## Criterion – III

### 3. Research, Consultancy and Extension

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

IQAC has closely monitored the research activities of the college. To promote research climate in an institution this traditionally has been focusing more on class non teaching in view of the potential of the students, the IQAC has formed a research cell. This was the first step which proved to be very useful.

The research cell has encourage teachers to take up research work leading to Mphil or PhD. Advertisements of Universities and research centres inviting candidates to register for PhD are brought to the notice of the teachers in time.

Conducting of workshop on research Methodology by the research cell gives due orientation for research work. The IQAC supports such programmes. The IQAC also deutes our teachers to participate in similar programmes organized by the nearly institutions.

The research cell periodically publishes research journals. Teachers contribute to the journal on topic related to their research. The cell proposes to set ISBN number for this publication.

The IQAC has had a big role in teachers, especially the young teachers, registering for PhD.

### 3.2&3.3 Details regarding major projects and minor projects Major Projects

	<b>Completed</b>	<b>Ongoing</b>	<b>Sanctioned</b>	<b>Submitted</b>
<b>Number</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>

<b>Sl. No</b>	<b>Name</b>	<b>Department</b>	<b>Title of the project</b>	<b>Funding agency</b>	<b>Amount</b>	<b>Year</b>
1	Dr. L.K Sreekala	Zoology	An investigation on the impact of pesticides in select groups of fishes in inland wetlands of Southern Western Ghats	UGC Major Project	10,88,300	2015
16	Dr. K.S Anoop Das & Dr. P. Balakrishnan	Zoology	Identification of indicator species for special conservation efforts: In India High Range Munnar Landscape Project, Govt. of India	UNDP/GoI	15,86,650	2014

### Minor Projects.

<b>Sl. No</b>	<b>Name</b>	<b>Department</b>	<b>Title of the project</b>	<b>Funding agency</b>	<b>Amount (Rs)</b>	<b>Year</b>	<b>Status</b>
26	Abdul Vahid. K	Arabic	'Minority politics: A new interpretation by Kerala Muslims and Role of	UGC	10,000.00	2014	completed

			Ulama (Religious scholars) in it'				
27	Sajithamohan.M	Economics	Female Enrolment In Higher Education	UGC	1,35,000	2014	Completed
28	Dr. P. K Babu	English	Translating V.K.N by T.N Prakash	SahythyAcad- emy	5000	2014	completed
30	Sulfi.P	Commerce	A study on financial literacy among rural people of Malappuram district	UGC	1,40,000	2015	Ongoing
31	Shafeeque V	Political Science	Challenges to the reintegration of return migrants :a case study of malappuram district		1,55,000	2015	Ongoing
32	Shafeeque V	Political Science	Return Migrants and reintegration	Directorate of minority welfare	10,000	2015	Ongoing
33	Divin Murukesh & Dr. K.S Anoop Das	Zoology	Life history traits of three sypatric Bulbus	KSBB	4,32,000	2015	ongoing
34	Prajith. K.K. & Dr. K.S Anoop Das	Zoology	Diversity patterns of Ants in Silent Valley	KSBB	4,32,000	2015	Ongoing



35	Shajitha .A	Mathematics	Application of finite fields	UGC	1,30,000	2016	Ongoing
36	Hasker E		Formulation and shelf life studies of jiggery based sweet (base sweet) and its utilization for various food preparations (student project)	KCSTE	10,000	2016	Ongoing

### 3.4 Details on research publications

SL. NO	NAME	DEPARTM ENT	TITLE OF PAPER	JOURNAL	YEAR
11	Sabique.MK	Arabic and Islamic History	“Musahamathu Jameyath uTha’aleemil Islamivakul liyathu Mampad fee Tharqiyathilligah Al Arabiyya”	Majallath Al Sabah Lil Buhooth peer reviewed annual research journal Volume 1, January 2016 , Pub	2016
15	Hamzathali. AP	Arabic and Islamic History	The Malabar experiences in Arabic resistance literature	Al-Sabah Magazine	2016
23	Dr Mansoor Ameen.K	Arabic and Islamic History	Shihab Ghanam: the ambassador of cultures	Published in MAJALLA-AL KERALA karyavattom, trivandrum	2016
32	Dr Mansoor Ameen.K	Arabic and Islamic History	Fathah al mubeen: the reflective mirror of ressistance	ANNAHDA	2016
34	Dr Mansoor Ameen.K	Arabic and Islamic History	Deewan movement: raise and declaine	Published in ANNOOR,	2016
35	Dr Mansoor Ameen.K	Arabic and Islamic History	Behavioral science in holy quran: an analytical study	Published in Al- Raihaan,.	2016
15	Shahanas Beegam P.P	Commerce	Consumer’s Attitude Towards Online Shopping With Special Reference To	International Journal Of Business And Administration Research	October 2016

			Perinthalmanna Taluk	Review	
34	Febina K	Commerce	A study on status on financial inclusion among rural people of Malappuram District, Kerala.	MIRROR	2016
35	Febina K	Commerce	A study on the socio – Economic conditions of the Gulf Returnees.	Research Scholar	2016
36	Febina K	Commerce	A study on the government assistance towards returned gulf emigrants	Research lines	2016
43	Asoora K	Commerce	College students' attitude towards entrepreneurship: an empirical study	International journal of management and social science research review	2016
48	Abdul Ali K.T	Commerce	Study on impact of Kudumbasree unit on women empowerment with special reference to Malappuram	IOSR Journal	2016
49	Dr.Nisamudheen.T		Perception of Drivers and Conductors towards Human Resource Management Practices of Kerala Commerce  State Road Transport Corporation: A discriminant analysis	International Journal of Applied Research	June 2016
50	Dr.Nisamudheen.T	Commerce	Moderating role of gender upon the relationship between emotional exhaustion and depersonalization on work life balance among IT sector employees	International Journal of Multidisciplinary Research and Development	June 2016
51	Dr.Nisamudh	Commerce	Effect of human resource management	Indian Streams Research Journal,	May 2016

	een.T		practices on job satisfaction of KSRTC employees with special reference to south region in Kerala		
52	Dr.Nisamudheen.T	Commerce	Mediating effect of job satisfaction on employee commitment and retention in response to human resource management practices in Calicut Airport	Intercontinental Journal of Human Resource Research Review	January 2016
51	Dr.Nisamudheen.T	Commerce	Effect of human resource management practices on job satisfaction of KSRTC employees with special reference to south region in Kerala	Indian Streams Research Journal,	May 2016
73		Commerce	A study on status on financial inclusion among rural people of Malappuram District, Kerala.	MIRROR	2016
74		Commerce	A study on Marketing problem faced by women Entrepreneurs	International Journal Of Management And Social Science Research Review	2016
2	Sajitha Mohan	Economics	Why Gender Responsive Budgeting in Healthcare :The Case of Kerala.	Amal International Journal of Economics & Social Sciences	2016
6	Salim M	Economics	Kerala-Gujarat models: A comparative study with respect to socio-economic environment.	Imperial Journal of Interdisciplinary Research.	2016
8	Salim M	Economics	Theeramythri Project-How much it has helped in the empowerment of marginalized Fisher woman A case study in the	proceedings of International Seminar on “Tracking Indian Economy: Issues and Prospects”	2016
9	Salim M	Economics	The socio-economic status of fisher folks in	proceedings of The Sustainability Initiative in	2016

			Kerala: Shifts in the backdrop of climate change. In the	the Marginal Seas of South and East Asia (SIMSEA)	
10	Salim M	Economics	The socio-economic issues of ocean depended communities.	In the proceedings of Scoping Workshop on the Development of an Integrative Ocean Research Network,	2017
11	Salim M	Economics	The Project-Theeramaithri A panacea for the survival of marginalized fisher folks: A tale from the coasts of Kerala.	In the proceedings of MESMAC international conferences 'Existence& Expression: Science, Philosophy and Art'.	2017
11	Dr. Sivadasan T.P	History	Probing of Gothic Nuances and historicity in the life and culture of Paniyas community in Nilambur Area	International Publication Edited by Sajid A Latheef	. 2017
7.	Umaiban P A	Malayalam	Gyanapparava pennavumpol	Sanghaditha	2016
8	Umaiban P A	Malayalam	Hirange theevandi	Eureka	2016
9	Umaiban P A	Malayalam	Haritha bupadathil ninnu oru pachila	College Teacher	2016
13.	E. Anas	Mathematics	Topology on Simplices,	Singularities, a transdisciplinary biannual research journal	2017
3.	Dr. Anoop Das	Zoology	Usage of Nest Materials by House Sparrow (Passer domesticus) Along an Urban to Rural Gradient in Coimbatore, India.	Tropical Life Sciences Research	2016
4	Dr. Anoop Das	Zoology	Patterns of Human-wildlife conflict in Nilambur, Southern Western Ghats, India and community perception towards	Conservation Science	2016

			compensation program.		
5	Dr. Anoop Das	Zoology	Human elephant conflict around North and South Forest Divisions of Nilambur, Kerala, India	Gajah, bi-annual journal of the IUCN/SSC Asian Elephant Specialist Group 45, 20-27	2016
6	Dr. Anoop Das	Zoology	An assessment of Intensity of Human elephant conflict (HEC) and associated ecological and demographic factors – In Nilambur, The Western Ghats of Kerala, South India.	Journal of Threatened Taxa,	2016
7	Dr. Anoop Das	Zoology	Butterfly migration in Nilgiris: Putting the pieces together for getting a bigger picture.		2016
8	Dr. Anoop Das	Zoology	What's there in a water-filled tree holes in the rain forests of The Western Ghats?	Newsletter of Nilgiri Natural History Society,	2016
9	Dr. Anoop Das	Zoology	Reflections on the International Filed Biology Course conducted by DIWPA at the Mae Klong Watershed Research Station, Kanchanaburi Province, Western Thailand-	DIWPA Newsletter	2016
10	Dr. Anoop Das	Zoology	On the flora of Silent Valley National Park- a tropical wet evergreen forest of the Western Ghats, Kerala, India	Proceedings of the National Conference Organized by Dept.of Botany, MES Kalladi College, Mannarkkad,	2016
20	Dr Sreekala L K	Zoology	Usage of Nest Materials by House Sparrow (Passer domesticus) Along an Urban to Rural Gradient in Coimbatore, India.	Tropical Life Sciences Research	2016
23	Dr Sreekala L K	Zoology	“Molecular Stress Response of Gill of	Singularities	2017

			Pearl-sopt, EtroplussuratensisExposed to the Pesticide, Endosulfan.”Singularities, special	,Proceeding	
28	K.U.M.A. Rafeeq	Zoology	Repellency of essential oil extracted from Cymbopogon citratus against the nuisance household pest, Lupropstristis Fab. (Coleoptera: Tenebrionidae).	International Journal of Recent Scientific Research	2016
29	K.U.M.A. Rafeeq	Zoology	Hyperlipaemic effects of a neuropeptide hormone isolated from insects on vertebrate liver.	Asian Journal of Phytomedicine and Clinical Research	2016
30	Dr. Remia	Zoology	Studies on biology of Henosepilachna vigintioctopunctata (Fab.) on bitter gourd..	World Journal of Pharmaceutical Research	2017
35	Diwin Murukesh	Zoology	Butterfly migration in Nilgiris: Putting the pieces together for getting a bigger picture.	Newsletter of Nilgiri Natural History Society	2016

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

Minor Research Projects-----26,74,950(UGC)  
 Minor Research-..... 1459,000(KSHEC, KCSTE, KSBB, Directorate of Minority Welfare, Sahithya Academy)

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	3	4	5	1	28
Sponsoring agencies	Mgt 1	Mgt 2	Mgt		Management

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

3.13 No. of collaborations  International  National  Any other

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	1
	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
3	1	2	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:

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  College forum   
NCC  NSS  Any other

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

® The institution constructed, and donated house for a poor student of the college. The house cost Rs 6.5 Lakhs. The students and teachers raised the whole fund. This strengthened the scene of community service among our students. The students' involvement in this humanitarian work is inspired the local people. The following are some of the other important social activities of the students.

Blood donation  
Check dam construction



Organic Farming  
 Road Construction  
 Cleaning of hospital premises  
 Drug awareness Drama

**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	27.5	nil	nil	
Class rooms	56	8		
Laboratories	9			
Seminar Halls	3	-		
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	25	3		
Value of the equipment purchased during the year (Rs. in Lakhs)	1500000			
Others				

4.2 Computerization of administration and library

- Computerised Admission procedures
- Computerised Attendance
- Internet connection with Wi-Fi in all Departments.
- laptops /Portable projector support for teachers
- classrooms with wall-mounted LCD Projectors
- Power Point integrated teaching learning process.
- Access of online resources for students
- INFLIBNET /N-List access for students, teachers and research scholars
- Phased introduction of online internal examination
- Technical assistance of a staff, appointed by the Management, for assisting teachers in the preparation of computer-mediated teaching modes.
- Training for teachers on interactive smart board use in online mode.
- Availability of Interactive smart boards

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	46310	901254	708	850000	47018	1047458
Reference Books	2796	1387717	11	2807	2796	1390524
e-Books	54246	.....	2500	.....	54246	.....
Journals	250	225966		142249		368215
e-Journals		8500		9000		17500
Digital Database	2	...	1	..	2	...

CD & Video	393	28334	...	8600	281	36934
Others (specify)		48264		25000		73264

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	175	1	15	3	1	1	13	
Added	10							
Total	185							

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

- INFLIBNET /N-List access for students, teachers and research scholars
- Phased introduction of online internal examination
- Technical assistance of a staff, appointed by the Management, for assisting teachers in the preparation of computer-mediated teaching modes.
- Training for teachers on interactive smart board use in online mode.
- Availability of Interactive smart boards

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	2
ii) Campus Infrastructure and facilities	5
iii) Equipments	3.2
iv) Others	3.5
<b>Total :</b>	<b>13.7</b>

### Criterion – V

#### 5. Student Support and Progression

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

Every academic year, our organization plans and executes different curricular, co-curricular and extracurricular activities for improving the potential of our students as well as faculties. Special attention is being given to the students of minority and backward classes. Priority is given in academic practices for making our students highly competent to face global job market through the following practices.

**Total Improvement Programme:**

Programme initiated in association with Centre for Information and Guidance India (CIGI), Calicut, an NGO, for the total improvement of all staff and students of the institution.

**Minority and Remedial Coaching Centre:**

The programme aims at giving special coaching to students who belongs of minority community and are academically very weak. Hence they are given special coaching in certain subjects in whom they are found to be weak.

**SC/ST Coaching Centre:**

The main objective of the programme is to assists the students of the backward classes belonging to SC/ST in their learning process.

**Guidance and Counselling Cell:**

Helps students by giving necessary guidelines for improving their abilities in curricular and co curricular activities. The cell also helps to sort out personal and other problems faced by students and also to enhance their self confidence for their future endeavor.

**Grievance Redressal Cell:**

Constituted with a view of solving the various problems faced by students and staff members. Guidelines are framed to tackle issues related to sexual harassment, gender inequality, socio-political and communal biases.

**Scholarship & Fee Concession:**

The institution provides different scholarships funded by different agencies and organizations including College the Management Committee. Fee concession is available for the poor and backward students.

**Endowment Awards:**

College offers a lot of endowment awards sponsored by various well- wishers and organizations. Under this scheme cash awards are being distributed to the students who become toppers in their university examination and extracurricular activities.

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

Majority of the students, after completing the course, join for higher studies. The tutorial scheme, the alumni association etc help for a strong bonding. Usually the tutors know where the students are doing their higher education and they are also aware of the departmental alumni association is held in the college. So the college keeps in touch with the former students and track their progression, either to higher studies or employment.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1713	223	3	

(b) No. of students outside the state  from Lakshadweep

(c) No. of international students

Men	No	%	Women	No	%
	853	44		1083	56

2015-16 Last Year						This Year-2016-17					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenge d	Total
198	242	08	1397	89	1934	206	242	07	1387	94	1936

Demand ratio 1:40 Dropout % - 2

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

Civil Service Academy N E T Coaching Centre Entry in to Service Coaching Scholarships ASAP Walk With a Scholar Student Support Programme
--

No. of students beneficiaries

5. No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
 IAS/IPS etc  State PSC  UPSC  Others

5.6 Details of student counselling and career guidance

Helps students by giving necessary guidelines for improving their abilities in curricular and co curricular activities. The cell also helps to sort out personal and other problems faced by students and also to enhance their self confidence for their future endeavour

No. of students benefitted

300

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>		
Number of Organizations Visited	of	Number of Students Participated	Number of Students Placed	of	Number of Students Placed
					12

### 5.8 Details of gender sensitization programmes

Gender sensitization has been one of the prime focuses of the college. This has been implemented keeping the principles of equality, human rights, equity and access in mind. More than half of the population on the campus-including teaching and non teaching staff- are women. The college has a vibrant Women Development Cell(WDC) which periodically organizes gender sensitization programmes like seminars, invited talks, legal awareness programmes, cyber crime awareness programmes etc. The cell involves all female students of the college in programmes meant for women improvement. As a result of the gender sensitization programmes conducted by the WDC the female students of the college excel in curricular and co- curricular achievements.

### 5.9 Students Activities

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

State/ University level

55

National level

5

International level

No. of students participated in cultural events

State/ University level

56

National level

International level

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

Sports: State/ University level

5

National level

2

International level

Cultural: State/ University level

2

National level

International level

### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	4	280000
Financial support from government	110	771060
Financial support from other sources	13	169800
Number of students who received International/ National recognitions	Sanctioned an amount of Rs. 30,00,000 towards International Scholarship as a part of an MoU with Leshan Normal University, China	

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

### 5.13 Major grievances of students (if any) redressed

- Drinking water facility (Redressed)
- More toilets for girls (Redressed)
- Walking difficulty during monsoon season (By erecting campus ring road)
- Net facility in Girls Hostel

## Criterion – VI

### **6. Governance, Leadership and Management**

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

Vission

Providing of affordable and quality education to all, especially to the backward and the marginalized people, the Muslims, Scheduled Castes and Scheduled Tribes. Empowering of the underprivileged through education, and providing of education catering to the needs of present global job market.

## **MISSION**

Dedicating ourselves for educational uplift of the people. To fulfil our vision we devise and execute academic, co-academic and other programmes to ensure the quality of life, social and economic equity, which ultimately will fortify us as a nation. The progress of a nation is the progress of its people.

6.2 Does the Institution has a management Information System

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

6.3.1 Curriculum Development

During the ongoing academic year 18 teachers from various departments serves in the Board of studies of the University of Calicut. Hence they play an active role in preparing the syllabus. The syllabus of Add-on course is wholly developed by respective Departments.

6.3.2 Teaching and Learning

Besides the conventional method of teaching, ICT has been widely used for effective delivery. Seminars/symposia work experiences have been incorporated in the learning/Teaching process. Every department has conducted Departmental seminars by inviting eminent resource persons. As part of the curriculum all Departments conducted study tours/field trips, the dates of such hours are included in their annual reports.

6.3.3 Examination and Evaluation

Internal exams which are mandatory for each semester are conducted as per schedule. These exams are conducted by the institution in a centralized manner. Besides and lectures conduct on the final exams and quizzers to arrears students Knowledge level. The answer scripts are valued and mark sheets submitted in time. The grade/marks obtained in the internal exams is a component of their overall internal grade. Students class room seminars are also one of the means for student assessment. The exams (internal) was conducted on the following dates

6.3.4 Research and Development cell monitors faculty participation in research.

There is an active Research and Development Cell co-ordinated by Dr.Vinod Kumar of Commerce Department. Cell direct the faculty for submitting Projects, publication of research papers, organise invited talks by eminent researchers from science, Commerce and humanities.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library is open from 8.30 AM to 5.00 PM. Internet facility is provided in the library. The library has a good stock room, reference room and spacious reading room. We also have the INFLIBNET

In view of the expected autonomous status, the institution has put more emphasis on strengthening the infrastructure. The college has prepared a plan for a separate Examination Block. As a temporary measure the Commerce Block has roofed, Work on stadium will be started shortly. During this period 59 Computers were purchased.

#### 6.3.6 Human Resource Management

#### 6.3.7 Faculty and Staff recruitment

Number of permanent teachers in various departments was appointed in June 2013. Besides, the college appointed 28. Guest teachers from its own fund

6.3.8 Industry Interaction / Collaboration College have informal collaboration with industry. The Department of Food Technology has Collaboration with food industries. Students do their internship with these industrial units. The Chemistry department continuous its informal linkage with some Pharmaceutical Companies, The College had signed an MoU with Leshan Normal University, Republic of China, MES Medical College, Perinthalmanna and SRC Trivandrum

- ✓ The Department of Food Technology has an MoU with ‘Supernova’ Manjeri and CIFT, Cochin
- ✓ Department of Chemistry with Eastern Herbals and VKC elastomers
- ✓ Department of Zoology with SACON, Coimbatore and KFRI, Peechi
- ✓ Department of English an MoU with Department of English, Malabar Christian College, Calicut in connection with teaching and learning process
- ✓ The college had signed an MoU with SEC, Thiruvananthapuram

#### 6.3.9 Admission of Students

Admission of students is based on the rules and regulations as laid down by the Govt. of Kerala. Forty percent seats are general merit; twenty percent Community Reservation Seats; twenty percent SC/ST Seats and the remaining 20% are Management quota. The rank regarding admission is strictly followed. The rank list of students is exhibited and put on the notice board for verification. Maximum care has been taken to make admission transparent.

Number of students admitted during the academic year

UG : 597

PG: 83

Teaching	102
Non teaching	29
Students	1936

#### 6.4 Welfare schemes for students

Scholarships

Fee Concession for minorities

Govt. Aid for SC/ST students



Student Aid Fund

Subsidised books

MES Scholarship

HEPSN –Scheme for disabled students

Ramp, Wheel Chairs and Special Toilets are provided

Audio, e books collections for blind students

6.5 Total corpus fund generated

NIL

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	Yes	<i>DISHA</i> Malappuram (Registered)	Yes	Internal Faculties (Dr. KP Vinod Kumar & Mr. Sabique)
Administrative	Yes	<i>DISHA</i> Malappuram (Registered)	Yes	Internal Faculties (Dr. KP Vinod Kumar & Mr. Sabique)

6.8 Does the University/ Autonomous College declare 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?

- Third valuation system, if the difference in marks awarded by the external and internal examiner is above 15%
- Scrutiny of question paper by teachers from outside the college to ensure confidential nature.
- The institution declares results of semester-end examinations within 30 working days from the completion of examination.
- Prof. Geetha Swaminathan from Stella Mary's College, Chennai, gave a seminar on setting questions on 25-10- 2015.
- Post examination review after each end-semester examination.

- Dr. P Muhammedali, Former Principal, MES gave instruction of question paper preparation based on blue print

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

The Alumni of the college keep in touch with the alma mater through the annual meeting. Besides the college level general alumni association, each department has its own alumni association. Their support is two-fold; by contribution to strengthen the infrastructure; by guidance to the existing students regarding opportunities available in the job market. The suggestions received from the alumni have been incorporated in the syllabi in science subjects like Food Technology. The alumni often address the students as resource persons and share their experiences in actual workplace and industries.

There is yet another notable contribution on the part of the alumni- our former students who now pursue higher studies as EFLU, JNU, Jamia Millia Islamia , AMU etc visit the institution for Interaction with the students. These interactions motivate them to join reputed centers of learning

6.12 Activities and support from the Parent – Teacher Association

- Supported financially for disbursing the salary of Guest Lecturers.
- Supported financially for the implementation of the Total Improvement Programme.
- Supported the students' union financially to conduct various activities.

6.13 Development programmes for support staff

Staff Association

Co-operative Store

Staff Tour

Ifthar Meet

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

Situated in a place rich in flora and fauna, the college has diligently maintained the greenery of the campus. The campus is made plastic free. Students are discouraged to use plastic carry bags. The campus has rich variety of trees, plants and shrubs. All trees have been labelled. Dustbins have been placed in various places of the campus.

NSS, NCC, units frequently organize awareness building programmes for conservation of ecology. The institution has conducted awareness programmes in association with the Department of forest, Govt of Kerala. The nature club of the college conducts programmes on important days like the World Environment Day

## **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.

#### Innovative Practices adapted by the Institution in learning and teaching

Learning and Teaching is treated by IQAC as a complementary activity and measures are adapted to make teaching as effective as possible. Besides, the traditional method, ICT is now largely used in classrooms. Since most of the students hail from rural background without ample exposure to computer knowledge the traditional and conventional method of teaching cannot be done away with easily. But there, is a noticeable and gradual shift forwards innovative methods. PPP is being used now for effective delivery, especially in science classes. Hands -on training in science subjects is provided through industrial visits and internship especially in Postgraduate programmes like MSc Food Technology, MSc Chemistry etc

For the up gradation of student's knowledge in subjects the institution regularly invites eminent scholars and academicians to the campus for talk. Such interactions inspire students for further learning. Knowledge expansion is also made possible by organizing subject wise seminars, symposia and workshop.

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

During the starting of every academic year, College convene a meeting to discuss the Plan of action for the year.

Each Department will prepare separate action plan and additional duty of different clubs and forums will be assigned to all faculty members. Based on the

7.3 Give two Best Practices of the institution

#### 1. Total Improvement Programme(TIP)

Total Improvement Programme (TIP) was visualized as one of the major tools for institutional transformation towards skill excellence. Its objectives are:

- Providing proper guidance and counselling to enable students to plan their Career.
- Nurture students with life skills and leadership quality
- Ensure communal harmony among students
- Update teachers with future-oriented global approaches to knowledge skills
- Make students up-skilled to move self-sufficiently within the labour market.
- Provide confidence to channelize students towards premier research institutions/ central universities
- Professionalise the services of the supporting staff
- Enhance the ICT skills of all
- Acquaint the staff and students with career skills

#### 2. TREE

The TREE aims at sensitizing students about the pressing need for environmental protection. The present rate of exploitation of natural resources is so alarming that it requires proactive interference on part of enlightened people including students, faculty, the management and the public.

- Create awareness about growing ecological imbalances
- Inculcate love of nature
- Create a culture of 3Rs: reduce, reuse and recycle
- Promote nurturing green surroundings
- Spread the message of water harvesting, alternate energy and energy efficiency
- Fight pollution: air and water
- Develop eco-friendly waste disposal measures
- Create consciousness about individual sense of nature-ownership
- Encourage love for animals and fellow creatures

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

#### 7.4 Contribution to environmental awareness / protection

Situated in a place rich in flora and fauna, the college has diligently maintained the greenery of the campus. The campus is made plastic free. Students are discouraged to use plastic carry bags. The campus has rich variety of trees, plants and shrubs. All trees have been labelled. Dustbins have been placed in various places of the campus.

NSS, NCC, units frequently organize awareness building programmes for conservation of ecology. The institution has conducted awareness programmes in association with the Department of forest , Govt of Kerala. The nature club of the college conducts programmes on important days like the World Environment Day.

7.5 Whether environmental audit was conducted?

 Yes

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

Conducted SWOT Analysis

#### 8. **Plans of institution for the next year**

<p>New Administrative Block</p> <p>Establishing academic chairs</p> <p>Three more Research Departments</p> <p>Introducing two more UG and PG programmes</p> <p>Diploma/Certificate programmes in all departments</p>
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Name   Hasker E  

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Signature of the Coordinator, IQAC

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#### **Annexure I**

**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

\*\*\*\*\*

Initiatives of IQAC in sensitizing / promoting research climate in the institution.

IQAC has closely monitored the research activities of the college. To promote research climate in an institution this traditionally has been focusing more on class non teaching in view of the potential of the students, the IQAC has formed a research cell. This was the first step which proved to be very useful.

The research cell has encourage teachers to take up research work leading to Mphil or PhD. Advertisements of Universities and research centers inviting candidates to register for PhD are brought to the notice of the teachers in time.

Conducting of workshop on research Methodology by the research cell gives due orientation for research work. The IQAC supports such programmes. The IQAC also deputed our teachers to participate in similar programmes organized by the nearby institutions.

The research cell periodically publishes research journals. Teachers contribute to the journal on topic related to their research. The cell proposes to set ISBN number for this publication.

The IQAC has had a big role in teachers, especially the young teachers, registering for PhD. At present 14 teachers have registered for PhD.

Gender sensitization has been one of the prime focuses of the college. This has been implemented keeping the principles of equality, human rights, equity and access in mind. More than half of the population on the campus-including teaching and non teaching staff-are women. The college has a vibrant Women Development Cell(WDC) which periodically organizes gender sensitization programmes like seminars, invited talks legal awareness programmes, cyber crime awareness programmes etc. The cell involves all female students of the college in programmes meant for women improvement. As a result of the gender sensitization programmes conducted by the WDC the female students of the college excel in curricular and co- curricular achievements.

Major Grievances of students are related to the conduct of examinations by the affiliating university. Grievances related to the internal marks are redressed at the Department itself. This is done by publishing the internal grades and attendance on the notice board, allowing students time to register complaints, if any.

Another major grievance that the institution addressed is related to the conduct of the examinations of MSc Food Technology students. The same course is also offered by the University of Calicut. Because of the inadequate facilities and inadequate staff, the University has not been able to offer the course effectively, or to timely conduct the examination. Consequently the examinations of I<sup>st</sup>, II<sup>nd</sup>, III<sup>rd</sup> semester PG (Food Technology) was pending making the students incapable of applying for job. So, the Principal and the secretary of the Managing Committee met the Registrar of the University and presented the students grievance. Immediately, the Registrar work up the issue and instructed the Controller of Examinations to conduct the exams at the earliest date. The results of First, Second and Third semesters are also expected to be published soon.