

# ANNUAL QUALITY ASSURANCE REPORT

(AQAR)

2015-'16



## MES PONNANI COLLEGE, PONNANI

*(Government Aided Institution affiliated to the University of Calicut;  
Reaccredited by NAAC with 'A' Grade)*

**Ponnani South-PO, Malappuram-Dist., Kerala-679586**

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*Submitted to*



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

# The Annual Quality Assurance Report (AQAR) of the IQAC

## PART – A

AQAR for the year

2015 – 2016

### 1. Details of the Institution

1.1. Name of the Institution

MES PONNANI COLLEGE

1.2. Address Line 1

PONNANI SOUTH-PO

Address Line 2

PONNANI

City / Town

MALAPPURAM

State

KERALA

Pin Code

679586

Institution E-mail address

principal.mesponnani@gmail.com

Contact Nos.

+91 494 266 6077

Name of the Head of the Institution

Dr. T.P. Abbas

Tel. No. with STD Code

+91 494 266 9788

Mobile

+91 9249 961 566

Name of the IQAC Co-ordinator

Dr. V.K. BRIJESH

Mobile

+91 9495 072 725

IQAC E-mail address

iqac.mesponnani@gmail.com

1.3. NAAC Track ID

OR

1.4. NAAC Executive Committee No. & Date

EC/61/RAR/14 dated 28-6-2012

1.5. Website address

www.mesponnanicollege.org

Web-link of the AQAR

[http://mesponnanicollege.org/Admin/content/IQAC/AQAR\\_2015-2016.pdf](http://mesponnanicollege.org/Admin/content/IQAC/AQAR_2015-2016.pdf)

1.6. Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1.	1 <sup>st</sup> Cycle	B+	76.70	2005	2010
2.	2 <sup>nd</sup> Cycle	A	3.02	2012	2017

1.7. Date of Establishment of IQAC

06/06/2007

1.8. Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2012-'13      01/02/2014
- ii. AQAR 2013-'14      13/10/2015
- iii. AQAR 2014-'15      08/11/2018

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 (eg., AICTE, BCI, MCI, PCI, NCI)      Yes       No

Type of Institution	Co-Education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12(b)	<input checked="" type="checkbox"/>
	Grant-in-aid + Self-financing	<input type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>		

1.10. Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>		
Others (Specify)	<input type="text"/>								

1.11. Name of the Affiliating University

1.12. Special status conferred by Central/State Government – UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. /University	<input type="text" value="-"/>	
University with Potential for Excellence	<input type="text" value="-"/>	UGC – CPE <input type="text" value="-"/>
DST Star Scheme	<input type="text" value="-"/>	UGC – CE <input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST <input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="1 M.Sc."/>	Any other ( <i>specify</i> ) <input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="3 (Certificate, Diploma &amp; Adv. Diploma)"/>	

## 2. IQAC Composition and Activities

2.1.	Number of Teachers	9								
2.2.	No. of Administrative/Technical staff	1								
2.3.	No. of students	1								
2.4.	No. of Management representatives	2								
2.5.	No. of Alumni	2								
2.6.	No. of any other stakeholder and community representatives	2								
2.7.	No. of Employers/ Industrialists	1								
2.8.	No. of other External Experts	1								
2.9.	Total No. of members	19								
2.10.	No. of IQAC meetings held	3								
2.11.	No. of meetings with various stakeholders	Nos.	11	Faculty	6					
	Non-Teaching Staff and Students	3	Alumni	2	Others	-				
2.12.	Has IQAC received any funding from UGC during the year?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					
	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.	2	International	-	National	-	State	-	Institution Level	2
(ii)	Themes									
	<ul style="list-style-type: none"> <li>• Invited lecture on “Effective Teaching Methods”</li> <li>• Project SPRING (Students’ Progression through Rigorous Involvement ‘N’ Guidance) – awareness to teachers on strengthening tutorial system.</li> </ul>									

2.14. Significant Activities and contributions made by IQAC

- IQAC conducted an academic audit namely “Academic Adalath”. The feed-back from students was collected by visiting the students of each and every class on overall aspects of the institution with particular reference to academics. The data was later discussed among the faculty members and also passed on to the College Council and management for further needful.
- Efforts were made to give awareness to teachers on strengthening tutorial system by introducing Project SPRING (Students’ Progression through Rigorous Involvement ‘N’ Guidance).
- IQAC creatively interfered to enhance the quality of teaching-learning process by ensuring that the planned activities are carried out in a time-bound manner.

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
Erudite lecture	<ul style="list-style-type: none"> <li>• Organised erudite lecture series by Inviting Prof. A.K. Ramakrishnan, JNU, New Delhi and Dr. V.J. Rajesh, IIST, Trivandrum</li> </ul>
Departmental Seminars	<ul style="list-style-type: none"> <li>• Department of Commerce organised National Seminar on “Banking innovations in India - Trends and Challenges” during December 2015</li> <li>• Department of English organised a National Seminar on Giving voice to the Silenced: Presentation and Construction of Subaltern in Literature and Media during January 2016.</li> <li>• Department of Computer Science organised a National Seminar on “Research Trends in Computer Science” during January 2016. The Department also conducted an inter-department IT Quiz Competition in connection with this.</li> <li>• In connection with observance of International Year of Light. Dept of Physics organized one day seminar ‘Light Enlightens Life’ on 25<sup>th</sup> November 2015.</li> </ul>
Student skill support programmes	<ul style="list-style-type: none"> <li>• The students of Aquaculture department were given hands on training to Induced breeding of <i>Rohu</i> common carp, at National fish seed farm Malampuzha.</li> </ul>

	<ul style="list-style-type: none"> <li>• Internship for second semester MSc AQFM students was given at National institute of Fisheries post-harvest Technology and training Kochi from 3/9/15 to 18/9/15. They were also given 5-day training on HCCP concepts from 17/10/15 to 22/10/15.</li> <li>• Department of Commerce organised Student seminar on Stock exchange operations.</li> <li>• Department of Computer Science organised Add on Courses at Institutional level.</li> <li>• Department of Computer Science organised Certificate Course in Office Automation for the students of the college.</li> <li>• Department of Zoology organised Interdepartmental seminar on “Climate change and ozone layer depletion”</li> <li>• Department of Zoology organised Medicastra: Medical camp for first year degree students of our college.</li> <li>• On 3<sup>rd</sup> November 2015, Department of Physics arranged a career orientation programme Direction’15 for Physics students. Mr. Jamaludheen, Senior Councilor, CIGI was the resource person.</li> <li>• Department of Physics organized a career orientation programme – Study opportunities in Europe by Dr. Shafkath, PDF. King Abdullah University, KSA on Feb 11, 2016.</li> </ul>
Extension & Outreach	<ul style="list-style-type: none"> <li>• Department of Economics conducted a field visit to Wayanad Cheeyabam 307 Colony with an objective of assessing the socio-economic status of tribes.</li> <li>• Department of AQFM staff and students participated in the sea ranching program at Puthuponnani back waters in association with State Fisheries Department on 10/07/2015. Fifty Thousand fingerlings of milk Fish (<i>Chanos chanos</i>) was introduced in to the backwater.</li> </ul>

Enhancement of teacher competence	<ul style="list-style-type: none"> <li>• One-day Orientation Class for the teachers was organised by the IQAC.</li> </ul>
Research Promotion	<ul style="list-style-type: none"> <li>• It was decided to set up separate Laboratories to accommodate the equipment that will be procured under the FIST scheme.</li> </ul>
Infrastructure development	<ul style="list-style-type: none"> <li>• College received a total of Rs. 9.75 Lakhs as funding for projects and seminars.</li> <li>• DST has approved the proposal submitted under FIST Programme for Rs. 70 Lakhs.</li> <li>• The Golden Jubilee Building of the College is nearing completion.</li> </ul>
Celebration of important days	<ul style="list-style-type: none"> <li>• Two programmes were conducted in connection with World Environment Day celebrations on 5<sup>th</sup> and 12<sup>th</sup> of June 2015.</li> <li>• State Environment Awareness Campaign of DoECC was conducted at MSK Hall on 22<sup>nd</sup> of July, 2015.</li> <li>• Varieties of activities were organised in connection with World Wetland Day Celebrations on 10<sup>th</sup> of February 2016</li> </ul>

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

2.16. Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body  College Council

Provide the details of the action taken

The management and college council approved the AQAR



## 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	2	-	-	-
PG	6	-	-	-
UG	9	-	-	-
PG Diploma	0	-	-	-
Advanced Diploma	1	-	-	1
Diploma	1	-	-	1
Certificate	1	-	-	1
Others	-	-	-	-
<b>Total</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>3</b>
Interdisciplinary	-	-	-	-
Innovative	1	-	-	1

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

- The college follows the curriculum designed by the affiliating university. The current curriculum, both at undergraduate (UG) and postgraduate (PG) levels, is in the CUCBCS scheme with core and elective options. The Open Course option is available at undergraduate (UG) level.

##### (ii) Pattern of programmes

Pattern	Number of programmes
Semester	15 (9 UG + 6 PG)
Trimester	-
Annual	5 (PhD; Certificate; Diploma; Adv. Diploma)

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.

- As mentioned above, the college follows syllabus prescribed by the affiliating university and syllabus is updated every three years.

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

NIL

## Criterion - II

### 2. Teaching, Learning, and Evaluation

#### 2.1. Total No. of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
51	44	7	-	

#### 2.2. No. of permanent faculty with Ph.D.

13
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#### 2.3. No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	9	-	-	-	-		-	-	-

#### 2.4. No. of Guest and Visiting faculty and Temporary faculty

9
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-
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-
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#### 2.5. Faculty participation in conferences and symposia

No. of Faculty	International level	National level	State level
Attended	7	56	3
Presented papers	14	30	1
Resource Persons	-	3	2

#### 2.6. Innovative processes adopted by the institution in Teaching and Learning

- |  |
|--|
| <ul style="list-style-type: none"><li>The <i>academic adalath</i> was a new practice of reaching out to the students to listen to them and to further necessary actions.</li></ul> |
|--|

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

184
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2.8. Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple-Choice Questions)

- The institute follow a continuous assessment mechanism for evaluating progress of the students. It provides freedom to every teacher handling the respective courses in deciding their internal assessments based on the uniqueness of the course as approved by the Department Council.
- The institute with the advice of college council conducts two written examinations as a part of internal assessment in every semester.
- Department councils are entrusted to decide on the nature of remaining internal assessments such as Quiz, MCQs, Field visits, mini projects, Team projects, Seminar, Online examinations etc.

2.9. Average percentage of attendance of students

82

2.10. No of faculty members involved in curriculum restructuring/ revision/syllabus development as member of Board of Studies / Faculty / Curriculum development workshop

7

-

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2.11. Course/Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division (%)				
		Distinction	I Class	II Class	III Class	Pass %
BA Economics	48	6.52	80.43	13.05	-	95.83
BA English Language & Literature	18	6.00	34.00	44.00	16.00	100
BBA	27	-	18.00	65.00	17.00	63.00
B.Com.	57	5.60	51.90	25.90	16.70	95.00
B.Sc. Chemistry	29	52.20	47.80	-	-	79.30
B.Sc. Computer Science	28	31.00	69.00	-	-	57
B.Sc. Geology	30	10.00	85.00	5.00	-	66.60
B.Sc. Physics	31	17.24	48.52	34.24	-	93.50
B.Sc. Zoology	33	90.00	10.00	-	-	90.90
MA Economics	20	5.00	45.00	40.00	10.00	100
M.Com.	20	-	27.80	55.60	16.70	90.00
M.Sc. Aquaculture & Fishery Microbiology	7	-	100	-	-	100
M.Sc. Applied Geology	14	-	72.70	27.30	-	78.57
M.Sc. Fish processing	10	-	100	-	-	100
M.Sc. Physics	10	33.30	55.50	11.11	-	90.00

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

- IQAC monitors and facilitate the activities of the College council in all respects. During the commencement of each academic semesters, the IQAC makes it sure that the time-line provided in the University academic calendar is followed.
- IAQC makes it sure that class PTA meetings are convened after each semester examinations in a timely manner.
- The tutorial sessions are encouraged and tutors are treated as the local guardians of their wards.
- Students are selected for various activities and awards and scholarships based on the recommendations by the tutor only.
- Teachers are encouraged to use the technology tools in delivering lectures and students are also introduced to the skills in these areas.

2.13. Initiatives undertaken towards faculty development

Faculty/Staff Development Programmes	Number of faculty benefitted
Refresher courses	5
UGC – Faculty Improvement Programme	1
HRD programmes	3
Orientation programmes	7
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	4
Others (Seminars/Conference)	4

2.14. Total No. of permanent faculty

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	25	4	-	4
Technical Staff	1	-	-	-

### Criterion – III

#### 3. Research, Consultancy and Extension

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

- IQAC provides guidelines and suggestions on submitting major and minor project proposals being submitted to various funding agencies.
- Post Graduate students are introduced to the research areas by inviting faculty and scientists from various institutes for deliberations.
- Teachers are encouraged to participate in seminars, conferences and workshops.
- Faculty with doctoral degree are encouraged to obtain the guideship and thereby to intensify their research activities.
- IQAC gives necessary information on funding opportunities available for M.Sc. student projects
- Projects and dissertations of the students are selected in such a way that they get exposure to various scientific institutes and state-of-the-art laboratories.

##### 3.2. Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	-	-	-
Outlay in Rs. Lakhs	19.838	-	-	-

##### 3.3. Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	3	2	3
Outlay in Rs. Lakhs	3.10	9.02	1.80	1.85

##### 3.4. Details on research publications

	International	National	Others
Peer Review Journals	6	8	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	7	31	-

3.5. Details on Impact factor of publications

Range  Average  h-Index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned (in Lakhs)	Received
Major projects	-	-	-	-
Minor Projects	6	UGC	8.30	4.34
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 DAYS	UGC	1.45	0.36
Total			9.75	4.70

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

ii) without ISBN

3.8. No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST

DPE  DBT Scheme/funds

3.9. For Colleges UGC-SAP  CPE  DBT Star Scheme

DPE  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		5			3
Sponsoring Agencies		UGC; KSHEC			College/PTA

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	-
	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	District	College
1	-	1	-	-	-	-

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

- Staff and students of the department of AQFM participated in the sea ranching program at Puthuponnani back waters in association with State Fisheries Department on 10/07/2015. Fifty Thousand fingerlings of Milk Fish (*Chanos chanos*) was introduced in to the backwater.
- Shri. Indianoor Gopi, Chairman, Nila Samrakshana Samithi delivered a talk on Talk on “River protection” and Prof. V. Gopinath, Rtd. DDE, delivered a talk on “Sand Mining Impacts” as a part of Environment day Celebrations on 12<sup>th</sup> June 2015.
- Sri. R. Harikumar, Head of the Education & Training Division of the Energy Management Centre, Kerala delivered a Talk on “Energy conservation- Tips and Practices” as a part of Paristhithikam Programme on 22nd July, 2015.
- Dr. K. Soman, Retired Scientist, National Centre for Earth Science Studies (NCESS) delivered a talk as part of World Wetland Day Celebrations on 10<sup>th</sup> February, 2016
- Department of Commerce organised National Seminar on “Banking innovations in India - Trends and Challenges” during December 2015.
- Department of English organised a National Seminar on Giving voice to the Silenced: Presentation and Construction of Subaltern in Literature and Media during January 2016.
- Department of Computer Science organised a National Seminar on Research “Trends in Computer Science” during January 2016.
- In connection with observance of International Year of Light. Dept of Physics organized one day seminar ‘Light Enlightens Life’ on 25th November 2015.
- State Environment Awareness Campaign of DoECC was conducted at MSK Hall on 22nd of July, 2015.
- Alumni Association gave away various scholarships worth Rs. 1.5 Lakhs to meritorious as well as financially backward students of the institute.
- Ten NCC cadets attended as volunteers in Sub-district School Youth Festival held at Ponnani Girl’s Higher Secondary School

## 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	25 Acres	-	-	25 Acres
Class rooms	45	-	-	45
Laboratories	16	-	-	16
Seminar Halls	7	-	-	7
No. of important equipment purchased ( $\geq$ 1.0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	-	-	-	-

#### 4.2. Computerization of administration and library

- Admission and registration related data of the students, Pay-roll related data of the teaching and non-teaching staff (SPARK) and data regarding college library have been computerised in due manner.
- College continued its subscription to INFLIBNET and access to the same have been provided to all stake-holders of the institution
- Student scholarship are registered and availed through e-grants.
- Internal assessment details are conveyed to the University via online.
- Office has WiFi and wired broadband connection. Entire administrative machinery is interconnected through LAN

#### 4.3. Library services

Items	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	34449	-	570	379943	35019	-
Reference Books	2240	-	7	2960	2247	-
e-Books	-	-	-	-	-	-
Journals	88	-	-	-	88	-
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	500	-	-	-	500	-
Others (specify)	-	-	-	-	-	-

4.4. Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	81	4	42	1	1	6	16	-
Added	8	-	-	-	-	-	-	-
Total	89	-	-	-	-	-	-	-

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

- Department of Computer Science conducted Hands-on Training on Network Administration to Sixth semester students by Mr. Biju, System Administrator, Accel IT on 20<sup>th</sup> November 2015.
- Department of Computer Science conducted a project training class in PHP for the sixth semester students by Mr. K.M. Haneefa, Software Engineer, RISS Technology, Calicut, on 6<sup>th</sup> November 2015

4.6. Amount spent on maintenance in lakhs

i) ICT	0.55
ii) Campus Infrastructure and facilities	5.04
iii) Equipment	0.37
iv) Others	-
<b>Total</b>	<b>5.96</b>

## Criterion – V

### 5. Student Support and Progression

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

- IQAC arranged induction-cum-orientation programme to newly enrolled students of UG and PG courses during the first week of enrolment.
- Regularly monitors the academic progression of students and interacts with department authorities to impart effective learning.
- The “Academic Adalath” conducted by IQAC was an effective in understanding need of the students towards academic as well as co- and extra-curricular activities.
- Arranged remedial coaching for slow-learners under Scholar Support Programme (SSP) of Government of Kerala.
- Strengthened Tutorial sessions for all classes. In addition, a new initiative of Government of Kerala named Walk With a Scholar (WWS) programme has been introduced.
- Tutors of individual classes were entrusted with the duty of ensuring the availability of student support services (including e-grants, scholarships, counselling services etc) to their wards.
- Passes regular information to students about availability of scholarships, higher education, career and competitive examination opportunities
- IQAC ensures active participation of students in research by providing awareness classes on available internship as well as funding schemes offered by various funding agencies.

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

- Class tutors are entrusted with regular monitoring of the academic and overall well-being of their wards. Tutorial sessions were planned in such a way that the relationship among tutor and students is strengthened so that it provides an overall healthy environment.
- The tutor functions as a mentor of the class since he/she is in-charge of their attendance, internal marks etc. and therefore, he/she is in a position to positively influence the progression of the students.
- It is made sure that at least one parent teacher meeting (PTA) is held each in Semester to assess the overall progress of the students.
- The effectiveness of teaching-learning mechanism, thus ensuring academic progress of students are tracked through systematic feedback mechanism

5.3. a) Total Number of students

UG	PG	PhD	Others
1020	188	10	-

b) No. of students outside the state

c) No. of international students

d)

Men	No	%	Women	No	%
	322	26.44		896	73.56

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
57	218	-	926	11	1201	56	227	8	927	30	1218

Demand Ratio  Dropout

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

- Career Guidance Cell occasionally conducts programmes on personality development and communication skills by inviting competent resource persons.
- Department of Geology conducted Career guidance cum Motivation classes for geology students by inviting Dr. Beenukumar Panicker, Retired Professor, University College, Thiruvananthapuram on 10<sup>th</sup> February, 2016
- Department of Physics arranged a career orientation programme Direction'15 for Physics students on 3<sup>rd</sup> November 2015
- Every department conducts at least one dedicated session on career opportunities in their own specific subjects and options for higher studies during the academic year end for final semester UG and PG students.
- Institute conducts frequent coaching classes on Entry into Service and Additional Skill Acquisition Programmes (ASAP).
- All PG departments conducted NET-JRF coaching classes

No. of students beneficiaries

5.5. 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

- Career Guidance Cell (CGC) and Student Counselling Cells (SCC) are in operation at the institute.
- During the first week of July, SCC distributed feedback forms among the class tutors along with consolidation forms
- SCC arranged a training class by Mr. A.P. Nisam. Chairman, Chiasa, Consulting and implementing agency on “Understanding and channelizing the youth” on 8<sup>th</sup> September 2015 for the tutors.
- The Department of Computer Science has organized an Online Aptitude Test for CS students jointly with Career Guidance & Placement Cell and three students had got placement in Baptra Industries Pvt. Ltd.

No. of students beneficiaries

5.7. Details of campus placement

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	20	3	8

5.8. Details of gender sensitization programmes

- The Women Development Cell conducted a gender awareness programmes on “Health & Hygiene” for women on 19-11-2015. The session was handled by Dr. K.I. VAHEEDA.
- The WDC also organised a Field Intervention/Outreach Programme titled “Mother’s Meet: Counselling for mothers” by Sulaikha Abdul Asees.

5.9. Students’ Activities

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

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	-	-
Financial support from government	704	19,61,875
Financial support from other sources	30	1,50,000
Number of students who received International/ National recognitions	8	79,000

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

• During the “Academic Adalath” the students have raised concerns on the following: (i) ICT enabled and experiential learning may be imparted to all the programmes, (ii) combined classes are experiencing lack of comfortable seating arrangements. Based on the suggestions of students, the teachers were advised to conduct classes by using available ICT facilities. Regarding the concern on combined classes, the management assured speedy completion of the furnishing works in the Golden Jubilee Block for class rearrangements.



## Criterion – VI

### 6. Governance, Leadership and Management

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

<b>Vision:</b>	Ponnani of yore is known as the Seat of LEARNING. Our vision is to regain this past catchword
<b>Mission:</b>	To work for the educational, social, cultural and economic advancement of the people of the region, especially the minority and backward classes in general and fishermen population in particular.

#### 6.2. Does the Institution has a management Information System

- |   |
|---|
| <ul style="list-style-type: none"><li>• Though the College does not possess a definitive computerised on-line management information system, an off-line system is established for collecting, recording and processing of all academic, administrative activities.</li><li>• All the departments, office administration, office of the Principal, and IQAC come under LAN, thereby enabling easy communication and document transaction.</li><li>• Student admissions, e-grants disbursal, internal grade uploading and staff salary bill submission are fully on-line.</li><li>• Regularly update all the activities and achievements in the College website.</li><li>• The policy decisions are taken after thorough discussions and the resolutions are well circulated among all levels of the staff and management.</li></ul> |
|---|

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

##### 6.3.1. Curriculum Development

- |   |
|---|
| <ul style="list-style-type: none"><li>• Since college enjoys the status of an affiliated College of the University of Calicut, it has only limited scope to develop curriculum own its own. However, many faculty members of various departments are officiating either as Chairman and/or members of concerned board of studies in UG and PG level making the institutional representation in communicating the suggestions on curriculum development.</li><li>• The institute had developed the syllabi for various career-oriented Add-on, certificate, Diploma, and Advanced Diploma programmes sponsored by UGC.</li></ul> |
|---|

### 6.3.2. Teaching and Learning

- In order to sustain quality of teaching, management has made it sure that meritorious candidates with good academic and research records are appointed at Assistant Professor Level.
- General academic calendar and timetable were prepared under the strict monitoring of College Council and IQAC that ensures effective teaching hours for lecture classes and practical sessions.
- Concerned teachers record attendance on regular basis and transfer to the administrative section.
- Majority of the faculty members are handling lecture classes with the aid of ICT. Similarly, students are encouraged to present their seminars as PowerPoint presentation using multi-media techniques.
- IQAC conducts meeting with students and faculty and takes feedback from stakeholders about teaching-learning processes for enhancement of the teaching techniques.
- Field sessions are conducted as a part of several UG and PG programmes.
- Teachers also equip themselves by participating in Refresher Courses and other Faculty Development Programmes.

### 6.3.3. Examination and Evaluation

- As an affiliated institution, the College follows the examination pattern and schedule implemented by the University of Calicut.
- IQAC makes it sure that general academic calendar of the University of Calicut is followed in such a way that the internal examinations of the respective semesters are held in time.
- The college has separate committees to conduct internal and the university examinations.
- Class Tests and oral tests and internal examinations are held regularly in all subjects. Group discussions are also adopted.
- Model tests on practical are also held in lab-based subjects
- Special sessions are held after grades submission of internal examinations to identify and analyze the strength and weaknesses of the students. Class level PTA meetings are conducted and corrective measures are taken thereafter.
- The internal examination committee conducts two examinations in each semester.
- The internal scores will be countersigned by Head of the Department and will be published in department notice board.
- Grievances, if any, will be redressed either at the department level or at the Grievance redressal committee level.
- IQAC is entrusted to oversee all the processes related to University as well as internal examinations and continuous evaluations.

#### 6.3.4. Research and Development

- The College has a Research Promotion Council (RPC) with members consisting of faculty members who are recognized research guides of the University of Calicut
- RPC is holding monthly meetings to undertake paper presentations and discussions on research activities.
- PG and research students are encouraged to participate in the meetings and present papers and also to express their views.
- RPC provides regular updates to faculty members on the available funding opportunities from time to time and encourage them to seek research grants from various funding agencies.
- Faculty members are given all support to pursue research degree and Post-Doctoral works.
- Teachers are also granted duty leave for participation and / or paper presentation in seminars/ workshops.

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

- The college library facilitates book transactions through fully computerized, barcode enabled circulation system.
- New books, journals and e- resources are added in the library based on the suggestions of the Library Advisory Committee.
- Provided access to e-journals, e-books through INFLIBNET
- The laboratories are upgraded with new equipment as per the requirements.
- Every department is provided with adequate number of computers, Laptops, printer cum scanners, LCD projectors and supports ICT enabled learning.
- All the departments have internet connectivity
- Website upkeep committee is entrusted with keeping website up to date.
- Construction of new building is underway to accommodate more classroom

#### 6.3.6. Human Resource Management

- A decentralized and participatory administration mechanism involving teaching and non-teaching staff is introduced for efficient human resource management.
- In addition to teaching and research, the faculty members are assigned with the responsibility to coordinate the activities of one or more co-curricular and extracurricular clubs and forums, which helps in the integral growth of students.

### 6.3.7. Faculty and Staff recruitment

- Faculty and staff recruitments are done as per UGC and University guidelines under an open system process through advertisements published in leading newspapers inviting applications from qualified candidates.
- The management of the institute recruits staff in two modes:
  - i. Since the institute enjoys the privilege of Minority Society status, 50% of the total vacancies are usually reserved for Muslim candidates
  - ii. In the remaining 50% seats, the institute follows Equal Employment Opportunity Policy, where all the potential candidates are treated equally irrespective with regard to race, religion, ethnic origin, age (as per norms), sex, sexual orientation, gender identity, gender expression, disability, or any other classification.
- Whenever there arises a vacancy, management of the institute recruit faculty and staff members on ad-hoc or contract basis to avoid the delay in the formalities of appointing regular faculty or staff.

### 6.3.8. Industry Interaction/Collaboration

- The institute holds strong academic as well as industrial linkage with national research centres such as Geological Survey of India (GSI), National Centre for Earth Science Studies (NCESS), Central Marine Fishery Research Institute (CMFRI), Central Institute of Fisheries Technology (CIFT), Centre for Water Resources Development and Management (CWRDM), Marine Products Export Development Authority (MPEDA), etc.
- The academic linkages are effectively utilised to train students and also to carry out research works as well as dissertation work at such centres.
- Various departments regularly conduct industrial visit sessions and invite experts from industry to present emerging trends and opportunities in the concerned industry.

### 6.3.9. Admission of Students

- Admission process to various UG and PG programmes was through a single window arrangement of the affiliating University of Calicut, called Centralized Admission Process (CAP). This system offers facility for online submission of single application for admission to various degree programmes in multiple colleges affiliated to the University.
- As a minority-management institution, 20% of the seats are reserved for the community and 20% under management quota. In the remaining seats 40% is open under merit category and 20% reserved for SC and ST candidates. Apart from these, special allocations are given to differently-abled candidates and students having proven achievements in sports and games. However, all the admission procedures are carried out strictly following the government-regulated policies.

- The College website, prospectus and handbook contain information about the institution and the programmes offered. The prospectus that highlights the details of various programmes of the College is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission
- The use of ICT has facilitated the admission process and has reduced the amount of paperwork as well as the use of paper.
- The Principal constitutes an admission committee to monitor the admission procedure. The CAP system places certain restrictions on the part of the college in flexibility of student selection process. The College is also committed in serving the economically and socially marginalised sections of society and to this end, privileges them in the admission process under management quota.

6.4. Welfare schemes for

Teaching staff	The institute extends all the welfare schemes offered to faculty falling under the UGC as well as state government norms such as maternity leave; GPF, Facility to avail loan, Group insurance, all admissible leave, LTC, etc.
Non-teaching staff	The institute extends all the welfare schemes offered to staff falling under the state government norms such as maternity leave; GPF, Facility to avail loan, Group insurance, all admissible leave, etc.
Students	Students are also provided with many welfare schemes including career guidance, government aid for minorities as well as backward communities, various scholarships, tutorial classes, remedial coaching etc. As per university norms students are entitled to avail maternity leave.

6.5. Total corpus fund generated (in Lakhs)

106.66

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	Agency
Academic	Yes	Deputy Director of Collegiate Education	Yes	IQAC
Administrative	Yes	Deputy Director of Collegiate Education	Yes	Management (Chartered Accountant)

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

For UG Programmes	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
For PG Programmes	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

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

- As an affiliated college, the institute strictly follows the rules and regulations of the University, therefore, the scope for examination reforms from the part of the institute is minimal. However, possible changes are effected in the conduct of internal examinations.
- University provides ICT enabled uploading of internal marks and the tutors are effectively utilising the mechanism.
- The institute is provided with a unique username and password to access the University online registration website to get the students registered for examinations as well as to download and distribute their hall-tickets.
- Attendance of the candidates appearing for various University examinations are informed to the University through on-line facility provided for the same.

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

Does not apply

6.11. Activities and support from the Alumni Association

- The MES Ponnani Alumni Association instituted yearly scholarships worth 1.5 lakhs
- Apart from general alumni association of the college, individual department alumni associations such as the alumni association of Geology department has offered separate scholarships to its students.

6.12. Activities and support from the Parent – Teacher Association

- PTA is actively involved in the day-to-day functioning of the college.
- PTA executive committee meets regularly to discuss the feedbacks from students and parents, also to discuss and decide the beneficiaries of various schemes offered by PTA.

- The major shares of the fund collected under the auspices of PTA is utilised for distributing financial support and scholarships to the needy as well as meritorious students, assistance to fine-arts and sports events.

#### 6.13. Development programmes for support staff

- Regular training is imparted to office administrators on Office automation software thereby enabling them to work easily on web-based day-to-day administrative procedures such as SPARK software, e-grants, scholarships portals, university on-line registration portal etc.

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

- The institution with the support of governmental funding agencies such as Kerala State Council for Science Technology and Environment (KSCSTE) and Directorate of Environment and Climate Change (DoECC) is making all efforts to convert the campus into green and clean.
- In this effort, plastic is banned on the campus.
- The institution has a well maintained herbal garden and is expanding year by year with addition of new plants.
- Nature club makes all effort to sensitize the students towards the need of keeping the eco system green and clean.
- A biodiversity conservation project named "Santhisthal" with the support of Kerala State Biodiversity Board is Established.

## 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.

- A system entitled “Academic Adalath” has been introduced to review the teaching-learning process.
- Innovative programmes like Additional Skill Acquisition Programme (ASAP), Walk with a Scholar (WWS) programme and Scholar Support Programme (SSP) of Department of Higher Education, Govt. of Kerala were continued.

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

- To meet the infrastructure requirements in terms of classrooms and laboratories in connection with the introduction of two new courses, the management has constructed a new block named “Golden Jubilee Block”
- Organised erudite lecture series as per plan by Inviting Prof. A.K. Ramakrishnan, JNU, New Delhi and Dr. V.J. Rajesh, IIST, Trivandrum.
- Innovative programmes such as Additional Skill Acquisition Programme (ASAP), Scholar Support Program (SSP) and Walk with a Scholar (WWS) Programmes continued with full vigour.
- Various departments have organised National Level Seminars with the support of University Grants Commission and other funding agencies.
- The proposal under DST FIST grant has been submitted and got approved for an amount of Rs. 70 Lakhs.
- Faculty members have prepared research project proposals based on the discussions with Research Promotion Council.
- Several programmes were organised as part of international days of observance such as World Environment Day, Ozone Day, Science day etc.

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

- The college adopts an environment friendly policy in all its routine endeavours
- An academic review system entitled “Academic Adalath” has been put into practice.



7.4. Contribution to environmental awareness/protection

- Two programmes were conducted in connection with World Environment Day celebrations on 5<sup>th</sup> and 12<sup>th</sup> of June 2015.
- State Environment Awareness Campaign of DoECC was conducted at MSK Hall on 22<sup>nd</sup> of July, 2015.
- Environmental committees such as Nature Club, Biodiversity Club, Bhoomithrasena are functioning in the college and are very active in making the campus green and plastic free conducting talks on environment related issues
- The college is having an Herbal garden
- The institute adopts energy efficient lighting
- Several panels upholding the importance of environmental conservation is displayed throughout the campus.
- The college ensures safe disposal of laboratory wastes

7.5. Whether environmental audit was conducted      Yes       No

7.6. Any other Any other relevant information the institution wishes to add

<b>Strength</b>	<ul style="list-style-type: none"> <li>• Infrastructure development in tune with the requirements is provided by the management</li> <li>• Being the only centre of higher education in public sector under Ponnani Taluk, it influences the decision making of administrators in the socio-political spheres.</li> <li>• The alumni have a strong bond with the institute and they extend overall support for the wellbeing of the institute.</li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>• Limited availability in government funds for overall development</li> <li>• Limited scope for consultancy due to the rural background of location.</li> <li>• Limited number of collaborations with industry and scientific research centres.</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>• Approval of FIST funding by DST will definitely improve the research activities of the institute to a great extent.</li> <li>• There is scope to empower the surrounding rural society by educating girls, who forms a major population of the institute.</li> </ul>

<b>Challenges</b>	<ul style="list-style-type: none"><li>• The college is situated in a rural area, where educational attainments of the family are minimum, who are not willing to send their wards to distant places for further studies.</li><li>• To provide more avenues in post-graduation and further studies in the college itself.</li></ul>
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## 8. Plans of institution for next year

- Provisions to establish sophisticated laboratories for housing the new equipment being purchased under DST-FIST
- The institute should complete registration in Public Financial Management System (PFMS) so that all the financial transaction can be performed online
- Furnishing of New Block and rearrangement of classes and departments by the beginning of the next academic year.
- Regular academic practices like arranging invited talks, celebration of important days, debates on topics of current relevance etc. should be continued.
- The department of Physics proposes to conduct an intercollegiate competition of Physics Projects of PG students from colleges under the University of Calicut.
- An innovative programme in the area of women capacity building, entitled “Girls with Goals” in Ponnani is proposed by the department of Economics.



Dr. V.K. Brijesh  
Coordinator, IQAC



Dr. T.P. Abbas  
Chairman, IQAC & Principal

## Annexure (i)

### Academic Calendar for the Year 2015-16

*Academic cum Examination Calendar 2015-16*

#### ACADEMIC CUM EXAMINATION CALENDAR 2015-16

This calendar is applicable to all courses including UG and PG

(Submitted to KSHCEC for preparation of unified Calendar)

Name of Examination	Issuance of admission notification	Commencement of online registration	Date of entrance exam, if applicable	Date of admission	Commencement of semester	Date of notification	Last date for submission of APC	Date of commencement of examinations	End of semester	Last date of uploading of internal marks	Date of conclusion of exam (on or before)*1	Date of publication of result (30/60 clear working days after the end of the exams)*2
<b>UG Courses without Entrance (Semester-CCSS):- BA/BSc/BCom/BBA/BA Afsal UI Ulama /BSW/BTA/BMMC</b>												
1	2	3	4	5	6	7	8	9	10	11	12	13
I Semester	01/04/15	16/04/15		26/06/15	29/06/15	17/09/15	02/11/15	12/11/15	17/11/15	11/12/15	12/12/15	29/02/16
II Semester					18/11/15	30/01/16	21/03/16	04/04/16	31/03/16	04/05/16	04/05/16	18/07/16
III Semester					01/06/15	01/08/15	05/10/15	15/10/15	30/10/15	16/11/15	16/11/15	27/01/16
IV Semester					02/11/15	30/01/16	08/03/16	01/04/16	31/03/16	02/05/16	02/05/16	18/07/16
V Semester					01/06/15	01/08/15	13/10/15	21/10/15	30/11/15	23/11/15	23/11/15	30/01/16
VI Semester					02/11/15	30/01/16	24/03/16	18/03/16	31/03/16	18/04/16	18/04/16	26/05/16
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>PG COURSES WITH OUT ENTRANCE:- MA/MSc/MCom/MLISc/MTA( Master of Tourism Administration)/ PG Diploma Courses (Only 2 Semesters) (Semester-CUCSS and CCSS Pattern)</b>												
I Semester	16/06/15	17/06/15		06/08/15	10/08/15	09/11/15	28/12/16	05/01/16	08/01/16	05/02/16	05/02/16	29/04/16
II Semester					11/01/16	12/05/16	02/07/16	12/07/16	16/07/16	12/08/16	12/08/16	04/11/16 *
III Semester					07/09/15	03/12/15	08/01/16	18/01/16	27/01/16	18/02/16	18/02/16	10/05/16
IV Semester					28/01/16	03/06/16	08/07/16	18/07/16	04/08/16	18/08/16	18/08/16	04/10/16
*For II Semester(Final): 31/03/16												

#### Details of Election and other Cultural Activities

SINo	Activities	Schedule
1	College Union Elections	July Last week/August first week
2	University Union Elections	27-06-15
3	Zonal Festivals	January 3 <sup>rd</sup> & 4 <sup>th</sup> week
4	Inter Zone	February 3 <sup>rd</sup> and 4 <sup>th</sup> week
5	International Students Festival	November 2 <sup>nd</sup> week
6	Anti ragging campaign	September 1 <sup>st</sup> week

## **Annexure (ii)**

### **Analysis of the feedback from Stakeholders**

#### **1. Students:**

The IQAC conducted an “Academic Adalath” and collected feedback on all aspects including teaching-learning, infrastructure, office administration, library facilities, canteen facility, co- and extra-curricular activities. The major outcome of the survey has been submitted before Principal and remedial measures were taken wherever possible. The major concerns raised by the students are (i) ICT enabled and experiential learning may be imparted to all the programmes, (ii) various clubs and forums can strengthen their activities involving a greater number of students, (iii) girl students expressed their grievances about lack of adequate sanitation facilities, (iv) combined classes are experiencing lack of comfortable seating arrangements, (v) increase in the number of computers with internet facility in the library. However, they expressed satisfaction on the over all functioning of the institution.

#### **2. Alumni:**

Alumni associations of all the departments convene meetings regularly and express their views about the institutional system. The deliberations and feedbacks of alumni meeting are reported during the subsequent college council meetings. Apart from this, most of the departments have proposed to make a resource pool including their alumni and to expand the network for the benefit of the students.

#### **3. Parents:**

Parent Teacher Association (PTA) forms one of the major feedback system in the college. Class tutors frequently communicates with the parents and to obtain direct feedback from parents. The information thus obtained will be communicated to IQAC and Principal for further necessary actions. For day-to-day functioning of the PTA, an executive committee has been formed, which meets regularly to suggest improvements required in all aspects of the college. The PTA expressed their concern on the issues raised by students during the “Academic Adalath” and requested the College Council for remedial measures by furnishing the Golden Jubilee Block by the next academic year. The PTA also extended its support for better hygiene by allocating fund provisions to procure incinerators in the wash-rooms of girls.

## Annexure (iii)

### List of Publications

#### 1. Papers (Journals/Conference Proceedings):

- Arunkumar, K.S., Sabu Joseph, 2015. Land use/land cover and shoreline changes along the southern Kerala coast, SW coast of India., International Journal of Geology and Earth Science.
- Bushara. M.V., 2015. Women Empowerment, Anmol Publication, New Delhi
- Jayakrishnan, K., Joseph, A., Jayakrishnan, B., Ramesan, M.T., Chandrasekharan, K., Siji Narendran, N.K., 2016. Reverse saturable absorption studies in polymerized Indole, Optical materials, Optical Materials, 54, 252-261.
- Jayakrishnan, K., Siji Narendran, N.K., Sreejith, P., Joseph, A., Chandrasekharan, K., Purushothaman, E., 2015. Synthesis, Z-Scan and Degenerate Four Wave Mixing Characterization of Certain Functionalized Photosensitive Polyesters containing ortho-hydroxyazo chromophores, Optical materials, 45, 171-180.
- Jayaram, P., Karazhanov, S.Z., Potty, S.N., Choudary, R.J., Pradyumnan, P.P., 2015. Pulsed laser deposition and optical band gap engineering in multinary transparent conducting oxide thinfilms, Materials Science in Semiconductor Processing, 31624-629.
- Jinju, S., 2015. Humour: Texts and Contexts, Humour and The Post-9/11 novel: A Critique of Black Humour in Ken Kalfus's A Disorder Peculiar To The Country, Littcrit.
- Muhammed, S., Jumailath, K, Shahin, M., 2016. Molecular dynamics in amorphous Atropine and Tolnaphtate, Research Journal of Recent Sciences, 52015-134.
- Prasannan, P., Jayaram, P, Sulfikkarali, N.K., Deepak, N.K., 2016. Intense, broad and strongly coupled photoluminescence in Zirconium doped ZnO thin films, Res J. Material Sci E. 42.
- Reddy, M.S., Nayeem, S.K.M., Soumini, C., Thomas, K., Raju, S.S., Hari Babu, B., 2016. Study of molecular interactions in binary liquid mixtures of [Emim][BF4] with 2-methoxyethanol using thermo acoustic, volumetric and optical properties, Thermochemica Acta, 630, 37-49
- Shamila, V.U., 2015. Political effectiveness of women in grass root democracy, Mirror Biannual International Research Journal. 5, 167-170.
- Shamila, V.U., 2015. Present scenario of agriculture in Kerala. Global research review, 5, 29-36.
- Shamila, V.U., 2015. Study on the availability of water, its utilization and management problems in Kerala, Research Scholar, 5, 69-72.
- Shamila, V.U., 2015. Women's Economic Empowerment and development, Social Science Research Journal, 1, 151-152.
- Shamila. V. U, Marginal economic development of Dalits. Misbha-Research Journal National, 13.
- Shavan, K., Arunkumar, K.S., Ninu Krishnan, M.V., 2015. Assessment and prediction of shallow landslide susceptibility zones of Idukki district, Kerala, International Research Journal of Sustainable Science & Engineering (IRJSSE), 3 (8).

## Annexure (iv)

### Participation in Seminars

1. Dr. Razia Beevi M, Tasbe, International Conference, KUFOS, 3 Days, Feb 2016
2. Dr. Mujeeb Rahiman. K. M, Training course on HACCP concepts, NIFPHAT, Cochin, 15 - 17, October 2015
3. Soumini. C, International Conference on Materials for the Millenium (MatCon 2016), Department of Applied Chemistry, CUSAT, January 14-16, 2016
4. Soumini. C, National conference on Analytical science and Technology 2015, ISAS, Kerala at Munnar, September 24-26, 2015.
5. Soumya. C. C., International Conference On Applications of Polymer Technology, Department of Polymer Science and Rubber Technology, CUSAT, FEBRUARY 25-26, 2016
6. Nusrath K., NCILC '16- National Conference on Indian Language Computing, Department of Computer Applications, CUSAT, February 26, 27 2016
7. Jasir M P, NCILC '16- National Conference on Indian Language Computing, Department of Computer Applications, CUSAT, February 26, 27 2016
8. Dr. V. A. Ayisha, Two Day National seminar 'Ecological undertones in literature and popular culture' in collaboration with Dept. of Geolgy, MES Ponani College and BITS Pilani, Goa on., Dept. of English, Little Flower College, Guruvayur ", 17th of September, 2015
9. Dr. K. S. Arunkumar, National workshop on' Western Ghats: Evolution and Environmental Issues',NCESS, 1st and 2nd January, 2016.
10. Dr. V. Santhosh, National workshop on' Western Ghats: Evolution and Environmental Issues', NCESS, 1st and 2nd January, 2016.
11. Dr. V. A. Ayisha, Kerala Science congress, KSCSTE, 28th to 30th of January, 2016
12. Dr. V. K. Brijesh, Kerala Science congress, KSCSTE, 28th to 30th of January, 2016
13. Mr. P. K. Abdul Nafih, National seminar on 'Emerging trends in sedimentological research', Government College, Kasaragod, 3rd and 4th of February, 2016
14. Dr. K. S. Arunkumar, "Groundwater Resources of Kerala: Trends, New Perspectives and Management Strategies", International and Inter University Centre for Natural Resources Management, University of Kerala held at Thiruvananthapuram, 4th of February, 2016
15. Dr. K. S. Arunkumar, National seminar on "Recent Trends in the Tectonics of Peninsular India", Department of Geology, University of Kerala, Thiruvananthapuram, 5th of February 2016
16. Dr. C. Sreejith, UGC SAP DRS II seminar on "Shear Zones and Crustal Blocks of Southern India", Department of Geology, University of Kerala, 15<sup>th</sup> and 16<sup>th</sup> of February 2016
17. Sabna. M, Two Day State Level Workshop on Computational Physics., St. Thomas College, Thrissur, 09-02-2016 & 16-02-2016
18. Sabna. M, Two day workshop on Lagrangian Dynamics, Academy of Physics Teachers, Vimala College, Thrissur, 27-08-2015 & 28-06-2015
19. Sabna. M, One Day National Seminar on Ibn-Al-Hayathamznd His World of Science., Dept. of Arabic, University of Calicut, 18-12-2015
20. Safna. K, Two day workshop on Lagrangian Dynamics, Academy of Physics Teachers, Vimala College, Thrissur, 27-08-2015 & 28-06-2015

21. Safna. K, Two day workshop on experimental Physics, Academy of Physics, 27-08-2015 & 28-06-2015
22. Safna. K, Two day national seminar on Advanced Material Science, Teachers, Providence college, Calicut Sri. N. S. S. Vyasa College, Wadakanchery.,
23. Safna. K, One day national Seminar on Quantum Statistical Mechanics, Christ College, Irinjalakkuda,
24. Muhammed Abdurahman K, Orientation workshop on 'Radiation - physical, chemical, and biological applications', Mangalore University, 24-25 June, 2015
25. Ameera. V. U, Contribution of Arabs To World Culture, Department of Arabic, MES Ponnani College, February 2016
26. Ameera. V. U, Attended Two Day Workshop On Resource Building For Gender Sensitization in Higher Education, KSHEC, June 2015
27. Ameera. V. U, Attended Three Day Workshop On The Protection of Women From Domestic Violence Act, 2005, Institute of Management in Government, 2015
28. Sameera Haneef, Attended National Seminar On "Giving Voice To The Silenced", Mes Ponnani College, 2015
29. Jinju, S, Participated in Two Day Workshop On "Recent Trends in Critical Thinking And Research", School of Literary Studies, Eflu, Hyderabad, 2016
30. Shamila. V. U, Annual Conference of Kerala Economic Association, KEA, 8-10, May 2015
31. Shamila. V. U, Eco-Tourism and Environmental Sustainability, Munar Govt College(Eco-Dept), 12-13 February 2015
32. Shamila. V. U, Women Participation in Local Bodies, Vimala College Thrissur, March 2015
33. Shamila, V. U, Dalit and Adivasi: 4th International Conference on Kerala Studies, AKG Study Centre, TVM, 29 March 2015
34. Shamila, V. U, Women empowerment, American College Madurai, March 2015
35. Shamila, V. U, A new agenda for Kerala's economic development, C. Achutha Menon Govt: College Thrissur, 21-22 Jan 2016
36. Bushara. M. V, A new agenda for Kerala's economic development, C. Achutha Menon Govt: College, Thrissur, 21-22 Jan 2016
37. Asha Neendur, A new agenda for Kerala's economic development, C. Achutha Menon Govt: College, Thrissur, 21-22 Jan 2016
38. Sreena.P.K, Giving voice to the silenced, Dept. of English, MES Ponnani college, 28,29 January 2016
39. Sreena.P.K, Contribution of Arabs to world culture and civilization, Dept. of Arabic, MES Ponnani college, 17,18 February 2016
40. Ramya M., 28th Kerala Science Congress, KSCSTE, January, 2016
41. Zubair. A. A, Seafood Safety and Trade, CUSAT, 9-12 March, 2016



## Annexure (v)

### Presentations in Seminars

1. Mujeeb Rahiman, K. M and Zubair A. A., Bacteriology of rearing water and larvae from commercial hatchery of *Macrobrachium rosenbergii* (de Man), 103rd Indian Science Congress, University of Mysuru, Mysuru, pp. 93-94, January 3-7, 2016
2. Jesmi Y, Mujeeb Rahiman K. M, Aith J, Melji J and Hatha A. A. M, Diversity of heterotrophic bacteria in marine sediments of south eastern Arabian Sea (SEAS), National Seminar on Marine Biodiversity and Bioprospecting for sustainable Livelihood, Cochin University of Science and Technology, Cochin, pp. 15-16, March 21 and 22, 2016
3. Aneesa P. A, Ally C. A, Susan J, Reshma S, Mujeeb Rahiman K. M and Mohamed Hatha, Optimization of fermentation parameters for the growth and production of cold active  $\beta$ -galactosidase by *Pantoea agglomerans* KS60 from the Arctic sediment, National Seminar on Marine Biodiversity and Bioprospecting for sustainable Livelihood, Cochin University of Science and Technology, Cochin, pp. 69-70, March 21 and 22, 2016
4. Ramina P P & Razia Beevi M, Pathogenicity and antibiotic susceptibility of vibriospecies isolated from Ponnani estuarine area, International Conference on TaSBE, KUFOSE, Feb 5-7. 2016
5. Shameeja N A, Epiphytic microalgal assemblage of invasive macrophytes in wetland system of Southern India, International Conference on TaSBE, KUFOSE, Feb 5-7. 2016
6. Kripa N V, A study on chemoautotrophic nitrifying bacteria in the sediments of Ponnani estuary, Kerala, India, International Conference on TaSBE, KUFOSE, Feb 5-7. 2016
7. Reyhanath P V, Studies on the indigenous actinomycetes and its antifouling activity against selected biofouling bacteria, International Conference on TaSBE, KUFOSE, Feb 5-7. 2016
8. Ramina P P & Razia Beevi M, Pollution status of Ponnani estuary through determining BLR ratio, UGC National Seminar, EMEA College, Feb -8-9 -2016
9. Soumini. C, Imine Synthesis Using Nano Gold Supported Metal Modified Mesoporous Silica, International Conference on Materials for the Millennium (MatCon 2016), Department of Applied Chemistry, CUSAT, January 14-16, 2016
10. Soumini. C, catalytic reduction of para nitro phenol using nano gold supported metal modified mesoporous silica, National conference on Analytical science and Technology 2015, ISAS, Kerala at Munnar, September 24-26, 2015.
11. Soumya. C. C., "Studies on PANI coated silica gel composite", International Conference On Applications of Polymer Technology, Dept. of Polymer Science and Rubber Technology, CUSAT, FEBRUARY 25-26, 2016
12. Shahin, K. S., Arunkumar, K. S., Potential impacts of climate change on surface water quality of Ponnani estuary and lower reaches of Bharathapuzha, Kerala., National seminar on Lake Rivers & Wetlands - A Climate Change Perspective. Abstract paper (Accepted), 2016
13. S, Sajeena, E. K, Kurien & V. K, Brijesh, Identification of groundwater potential zones using geophysical technique in Kadalundi river basin, Malappuram, Kerala, International groundwater conference, TSI-220 to 232;2015

14. M. K., Kadheeja Shibi, K, Mymoonath, & V. K., Brijesh, Role of topography and aquifer lithology in watertable disposition – a study from Kaladi gramapanchayath, Malappuram district, Kerala, Kerala Science Congress, 2016
15. C. Ajithkumar<sup>1</sup>, V. A. Ayisha<sup>1</sup>, V. O. Samuel<sup>2</sup>, P. M. George<sup>2</sup>, V. Jaseem<sup>2</sup>, K. Sajeev<sup>2</sup>, Geology of Palakkad Shear system: Tectonic implications, Kerala Science Congress, 2016
16. Prasoon Prasannanan, \*, PeediyekkalJayaram, P. P. Pradyumanan, Deepak N K, Red switching of ultraviolet photo emitting transparent electrodes: an investigation based on ion substitution, Dynamical Systems and Chaos, St Marys College, SulathanBathery, 2016 Janaury
17. PrasoonPrasannan, Jayaram. P, Sulfikkarali NK and Deepak NK, Microstructure Analysis Dislocation density and approximation of crystalline size in InZrZnO thin films prepared by spray deposition technique,
18. Jayaram. P, Prasoon Prasannan, Deepak N K, P. P. Pradyumnan, Microstructure Analysis And Multiple Photoluminescencein High Temperature Electronic Conducting InZrZnO Thin Films., ICTFTA 2016: 18th International Conference on Thin FilmTechnology and Applications, WASET, World Academy of science Engineering and TechnologyCopenhagen, Denmark, June 2016
19. T Ramachandran, PeediyekkalJayaram, P. P. Pradyumnan, Structuralal, optical and surface electronic state of pulsed laser depositedmultication thin films, ICTFTA 2016: 18th International Conference on Thin FilmTechnology and Applications, WASET, World Academy of science Engineering and TechnologyCopenhagen, Denmark, June 2016
20. Ameera. V. U, Minorities Educational Development in Kerala, Educational Development of Minorities-Policy Initiatives And Impact, Maulana Azad National Urdu University, 2015 May
21. Sameera Haneef, The Sacred Fatalities:The Ecological Nuances in The Malayalam Film “Madhura Nombarakkaattu”, National Seminar, Little Flower College, September 2015