



# ST. THOMAS COLLEGE, PALAI

RE-ACCREDITED WITH 'A' GRADE BY NAAC | COLLEGE WITH POTENTIAL FOR EXCELLENCE (UGC -CPE)

AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA

## INTERNAL QUALITY ASSURANCE CELL

### Report of the Internal Academic Audit

held on

26 August 2017

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Arunapuram P.O., Kottayam  
Kerala - 686 574  
India





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## INTERNAL ACADEMIC AUDIT HELD ON 26 AUGUST 2017

### Members of the Audit Team

1. H. E. Mar Jacob Muricken, Manager
2. Dr Joy George, Principal
3. Rev. Dr James John, Vice-Principal
4. Dr Sunil C Mathew, IQAC Coordinator
5. Rev. Fr. Mathew Kurian, Bursar

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**Report of the Internal Academic Audit 2016-17**  
**on**  
**26 August 2017**

**Areas of Strength:**

- Good number of participation in academic bodies
- Good pass percentage of outgoing students
- Commendable Achievements in Sports/ Cultural Activities
- Good number of research publications
- Good number of career counselling programmes
- Participation in Refresher/ Orientation/FDP programmes
- Student progression to higher studies.
- Student-computer ratio
- Students availing scholarships from various agencies
- Low drop out ratio
- Tutorial/Mentoring System

**Areas to be Strengthened:**

- Number of Smart classrooms to be increased
- Extension Activities and Outreach Programmes
- Start more Add-on/Certificate/Diploma Programmes
- Introduce more value added programmes
- Some departments have poor performance in conducting Seminars/ Workshops/ Conferences/ Invited talks.
- Participation teachers and students in Research Activities
- Participation in internships/ field projects.
- More eco-friendly/ environmental awareness programmes
- Collaborative activities
- Implement public address system
- Teachers participation in seminars/ workshops/ conferences
- Undertake more research projects
- Activities of departmental Alumni Associations to be strengthened
- More placement drives
- Coaching for UGC-CSIR/UGC NET
- Publications by students
- Progression of students to research areas
- Inter-departmental sports/ cultural activities
- Students participation in online courses

Name: Dr. Sunil C Mathew



**Signature of the Coordinator, IQAC**

Name: Dr. Joy George



**Signature of the Chairperson, IQAC  
(Principal)**



# English Department June 2016 to March 2017

## English Department 2016-'17 at a Glance



Achievements encourage, inspire and serve as impetus for better performance. The Department of English is all set for a new start as the curtain rings down on the current academic year. Two Research scholars of our Department were awarded PhD this year. Three research Scholars joined the Department for Research Studies. We have two JRG winners and four NET winners this year; one from the current batch and all others from previous batches. Harisankar S.,

II M. A. English qualified for JRF in the second attempt following his pass in NET in the first attempt. Four students of the 2014-'16 P.G. Batch passed with A Grade. One student from 2013-'16 U.G. batch passed with A+ Grade and joined the department for higher studies. Four students from the II P.G. Class made paper presentations in Seminars in other colleges. They published papers in various academic journals. Our students won prizes in various intercollegiate competitions. Sandra Liz Sebastian II M.A. English won the First Prize in the Intercollegiate Project Presentation competition organized by the Department of English, Devamatha College, Kuravilangadu. Karthika S.B., Research Scholar, won three presteigious awards for her literary compositions this year.



An International Seminar was organized on Probing Alterities in the Postmodern Scenario on 5.9.2016. Dr. Clara A.B. Joseph, Calgay University, Canada was the chief Resource Person. Apart from this two invited talks were arranged for the P.g. students. There were synopsis vivas for the P.G. and U.G. students. Parents' Meet Programne was or ganized for all Batches. Course Work for the Research scholars were attended by the P.g. Students of English and Malayalam Departments as well. Students and teachers attended various national and international seminare. Our faculty members, Dr. Siby James and Prof. Jishnu Venugopal served as resource pwesons in seminars, National and International in other colleges. Prof. Joby Mathew was selected for FDP. Prof. shilpa

Mathew submitted her minor Research Project on Socio-Psychological reading of Select Female gothic Fiction.



Dr. Siby James was elected as a member of the staff Council and subsequently appointed as the secretary to the Staff Council of the College. The teachers of the Department acted as members of the P.G. and U.G. Examination Boards and Syllabus Committee. Some of our faculty served as Examiners in P.G. and U.G. Viva Boards. Prof. William Zacharias

was the chairman of both. Our faculty members served as Deputy Chairmen and chief and additional examiners in P.G. and U.G. examinations. Two Guest faculties served the Department this year

The III D.C. students welcomed the I D.C. students and the II P.G. students welcomed the I P.G. students in separate functions organized by the students. Onam and Christmas were celebrated with rational enthusiasm and gaiety. Birth days of students and teachers are celebrated in a short and simple function organized in the class rooms. The II P.G. students had two tour programmes in the current year and the III D.c. students had one. The activities of the English Literary Association were inaugurated by Dr. Aju K. Narayanan. Some our teachers and students visited Mariasadanam, a home for the mentally challenged destitute, at Pala. They celebrated Christmas with the inmates of the Home. The Alumni Association organized a function to honour the students of the first P.G. batch in the English Department. 2016-17 is the 50<sup>th</sup> year of the inception of the P.G. English Programme in St. Thomas College, Pala.

## Honours to Students

Four Students from II P.G. made paper presentations and publications in academic Journals



Cheslin Joseph, Dhanya Joy, A. Harisankar and Greeshma M.J. II M.A.

## Student Support

Name of the Programme	Details of the Programme	Date
Synopsis Viva	conducted for II P.G. Students	25, 26.7. 2016
One-day tour	the II M.A. students went for a study tour to Thiruvananthapuram. Prof. William Zacharias, Prof. P.J. Johnson, Prof. Jishnu Venugopal, Prof. Joby Mathew and Mr. Donnet M. Thomas accompanied the students.	22.10. 2016
Tour to Goa	the III D.C. students went to Goa for study tour accompanied by Prof. Jishnu Venugopal, Prof. Joby Mathew and Mr. Donnet M. Thomas (Guest Faculty)	21 to 24 November 2016
Synopsis Viva	Synopsis Viva for III D.C	On 25.1.2017
Project Guidance	Project Guidance for P.G and U.G. students	
Parents' Meet	Parents Meet for II P.G., III D.C., II D.C. and I D.C.	
Special Classes	Special Classes and Zero Hour Classes	
Guidance for Seminar	Guidance for Seminar Presentations	
WWS	Walk With the Scholar Programme	
ASSAP	ASSAP	
Movies	Movie Library	
Tutorial System	Effective Tutorial System	
Teacher Evaluation by Students and Parents.	Teacher Evaluation by parents and students	
Language Improvement	Language Improvement Programme.	
Use of IT	Effective Use of the Information Technology	



**P.G. Batch 2014-'16. They won Three A grades in the Final Examinations**



On the farewell Day of II P.G. 2014—'16 batch

## Extra Curricular Activities

Programme	Date
II PG. Students conducted their social from 2.50 pm.	On 26.7.2016
the II and III D.C. students gave welcome to the I D.C. students in a function arranged in the Library Hall.	On 8.8.2016
Prof. Shilpa Mathew was selected as the <i>Manyavasthradharini</i> of the Campus on the day of <i>Kerala Piravi</i> celebrations.	On 1.11. 2016.
On The students of the II P.G. class and the teachers exchanged Christmeas gifts in a simple function held in their class room.	21.12. 2017
On Montage film club sponsored the short Film Show by the M.G. University in the Tissanrant Hall. Prof. Jishnu Venugopal is the Cordinator of the club. The short films featured the life of the NRIs.	9.1.2017,
The students of the English Department won 161 points in the college Youth Festival 2016-'17, the second highest score (Department wise) in the College.	2016-'17 academic year



Welcome to I D.C. Organized by III D.C. English

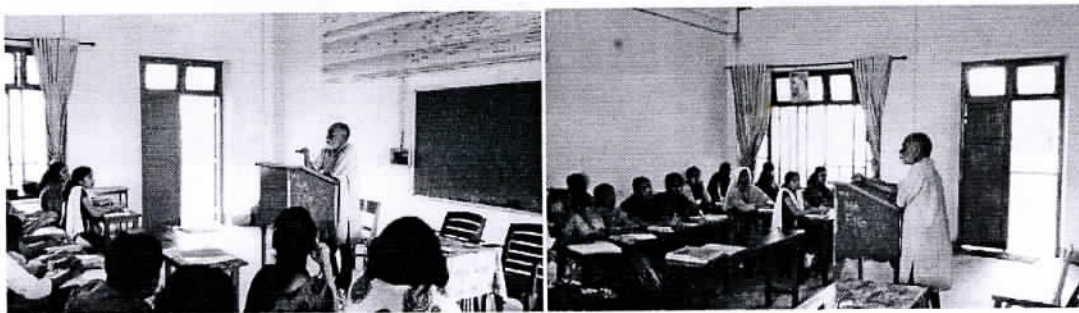
## International Seminar

On 5.9.2016 an International Seminar was organized by the Department of English on 'Probing Alterities in the Postmodern Scenario' in the Library Hall. Dr. Clara A.B. Joseph of Calgay University Canada premiered the discussions on the subject. Dr. T.J. Abraham said Post Structuralism is strewn with dead bodies we see the death of God, Author, Man, the end of History and Philosophy. Both Levinas and Gandhi can offer an answer to the absence created by Post Structuralism. Both speak of the failure of Modernity or Enlightenment project as illustrated in Western industrialism and Nationalism. The Philosophical base of Post Modernism is Post Structuralism and it comes up with liberation of women and working class. There are no centers and margins. Thus a democracy was brought in. IN literature what we have is representation, Everything is fixed, ontologised. So Levinas rejects Literary art.



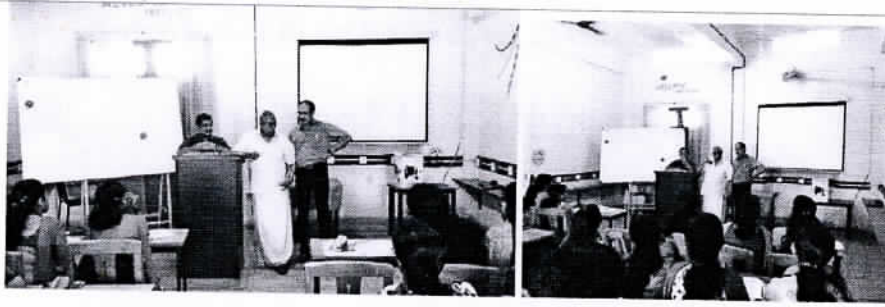
## Invited Talks

On 23.9.2016, Dr. Prasantha Kumar, Professor of English, Sree Sankaracharya Uty of Sanskrit, Kalady gave a talk on 'Deconstruction' to the II P.G. students.



**Prof. T.R.S.Iyer interacts with the I P.G.Students**





Prof. T.R.S. Iyer, former faculty of the English Department interacted with the I.M.A. students for one hour on 'Traditional and Modern English Literary Trends' on 1 March 2017. He is a visiting Professor in various colleges in Kerala. Currently Prof. Iyer spends most of his time as a faculty in English in Ettumanoorappan college, Ettumanoor. Though he belongs to the old school, Prof TRS is well versed with Literary Theory and related topics. The interactive session was so inspiring that the students demanded for a few more classes by the Veteran.

### P.G. Tour to Thiruvananthapuram



### Degree tour to Goa

## NET Winners of 2016-'17

Sl.No	Name	Year and Month of winning NET/JRF	Batch
1	Gayathri S	Nov. 2016	2013-'15
2	Rosemary Philip	Nov. 2016	2013-'15
3	Harisankar s.	Nov. 2016	2015-'17
4.	Harisankar S. JRF	May 2017	2015-'17
5.	Minnu Joseph JRF	May 2017	2012-'14
6.	Sruthi Catherine Thomas	May 2017	2014-'16
7.	Annies Simi Dominic	May 2017	2014-'16
8.	Binny	May 2017	

## Interdepartmental Activities

Details of the Programme	Participants
In December 2016 the faculty of the Department served as Coordinators and members of various committees organized for the conduct of the Intervarsity and Inter zone 'Volleyball Tournament held at St. Thomas College, Pala.	All Teachers and selected students from the Department.
On 2.2.2017 Prof. Gibin Raja George acted as the Quiz Master of the Literary Section of the Intercollegiate Quiz Programme organized by the Alumni Association of St. Thomas College, Pala.	Prof. Gibin Raja George
On 13.8. 2016., Prof. Gibin Raja George acted as a Judge for the Best manager Competition held as part of Com-Arena, a National level competition and festival organized by the Department of Commerce of our college.	Prof. Gibin Raja George
On 13.3. 2017 Prof. Joby Mathew acted as Judge in the paper presentation competition 'Dakshata' organized by English Department, St.Alphonsa College, Pala	Joby Mathew

## Alumni Association



Chief Advisor	Prof. William Zacharias, HOD
President	Prof. Tommy Cherian Vadakkekunnel
Vice President	Prof. Sonia Sebastian
Secretary	Prof. Franci Mathew
Joint Secretary	Prof. Gibin Raja George
Treasurer	Prof. P.J. Johnsn

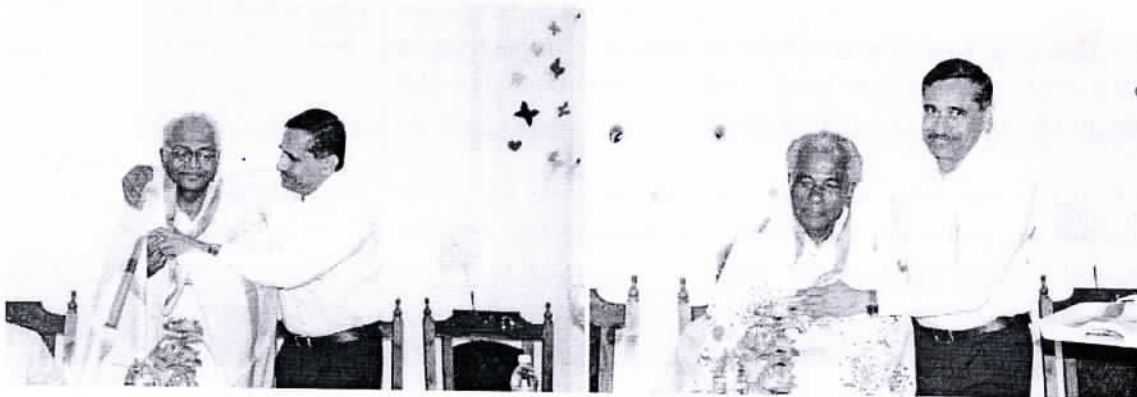
### Activities of the Alumni Association

Back to the Sunny Days in the Campus of St. Thomas.

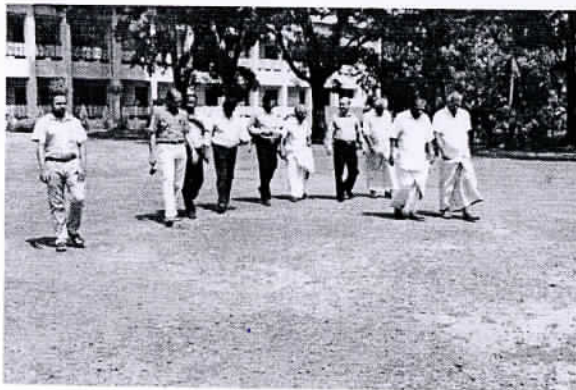
On 23.3. 2017 the English Alumni Association honoured the first Batch P.G. students and their teacher on the Golden Jubilee of P.G. English in St. Thomas college, Pala. The students of the 50<sup>th</sup> P.G. batch were special invitees in the programme.

Those moments would go down in golden letters in the annals of the Department of English. In front of an august gathering the first batch P.G. students, along with their teachers, were honoured by the English Alumni Association. Dr. sunny Joseph, Principal while addressing the gathering said with all earnestness that he feels emotionally involved in the function though he is not an alumnus of the Department. "It is a blissful moment", he said, "when our great professors bless each one of us with heartfelt love." He thanked Dr. Mathew Joseph, Prof. C.C. Ouseph and Prof. T.R.s. Iyer, the teachers of the first P.G. batch, who were on the stage for their paternal blessings. The Principal praised the Department on organizing a function of this kind.

#### Scenes from the Programme







The meeting started at 11 A.M. in the College Library Hall. Prof. William Zacharias, HOD welcomed the gathering. Prof. Francis Mathew introduced the Alumni of the First P.G. batch. Shilpa C. Joseph and Athira entertained the audience with melodious songs. Rev. Dr. James John Mangalathu, vice Principal gave away tokens of love to the students of the 50<sup>th</sup> P.G. English Batch. Grenu Anns Thomas introduced the 50<sup>th</sup> batch. In a gesture of respect and heartfelt appreciation, the Principal honoured each of the distinguished guests with a Ponnada.

Prof. A.C. Kuruville, one of the Professors of the first P.G. Batch could not attend the function due to illhealth.

The powerpoint presentation prepared by Mr. Donet M. Thomas showcased the history over the Department ever since its inception.

Dr. Mathew Joseph, Prof. T.R.S. Iyer and Prof. C.C. Auseph spoke on the occasion. This was followed by a talk by Rev. Dr. Kurian Mattom, former Princiapl and faculty of the Department. The students o the first batch shared their memories. Of the fourteen students of the first batch three had been called to eternal rest. Seven students of the batch turned up for the programme and four of them could not make it due to ill health and other reasons. Sr. Jesmi of II M.A. proposed the vote of thanks. Harryc. Josephh and Cheslin Jose II M.A. filled the stage with their compering. The students of the I P.G. class took the initiave to decorate the stage and the hall. They were keen on making even the smallest of the programme faultless.

The meeting was followed by dinner in the College Canteen and lastly, a photo session in the courtyard of the canteen. No doubt the function has left lasting impressions in the hearts of those who attended it. As one of them said It was simple and elegant.

### Students of the First P.G. English Batch 1965-1967

Class Nos	Name	Details
1.	Prof. V.O. Chummar	B.A. First Rank-1965 M.A. Fourth Rank-1967 1967-1996- Faculty in the Department of English, St. Thomas College, Pala Currently Director of Communicative English B.A., St. Thomas college, Pala Completed 50 years as teacher in the Campus
2.	Prof. George Cherian	Retired faculty, Dept. of English, St. George College, Aruvithura *
3.	Late Prof. Rosalind Cherian	Former Faculty Dept. of English, Alphonsa College, Pala, Former Municipal Councillor
4.	Prof. V.A. Mathew	Retired Faculty Dept. of English, St. Thomas College, Pala. Currently Faculty in Mar Augusthinose College, Ramapuram
5.	Prof. M.C. Alexander	Retire Faculty, Dept. of English, St. Thomas college, Pala.
6.	Late Marykutty V.V. (Rev. Sr. Hortentia)	
7.	Sri K.J. Joseph Kattakkayam	Joined Deepika as News editor retire in 2004 as Deputy Editor Author of the book <i>Pattinte Palazhi</i> on Padmasri Dr. K.J. Esudas.
8.	Late Rev. Fr. Mathew Thengmmoottil	Former Burzar, St. George College, Aruvithura
9.	Prof. Dr. V.J. Sebastian Nariveli	Took Graduation from St. Thomas College, Pala, as the youngest Graduate in India (a record yet unbroken) Took Post Graduation from St. Thomas college Pala as the Youngest Post Graduate in India (a record yet unbroken) Joined Dept. of English, St.

		Thomas college, Pala as the Youngest College Lecturer in India. His name has found place in the Manorama Year Book and the Limca Book of Records for these Unique Accomplishments. He was the HOD of the Department of English from..to.. after retirement he joined Labour India Junior College, Marangattupilly as the Principal. Currently he is the HOD of Humanities Amal Jyothi College of Engineering Kanjirappally. He is also a member of the College Advisory Board. Dr. Sebastian Nariveli has made talks in AIR and has authored many articles in newspapers and periodicals. He associated with Very Rev. Fr. Abraham Kaippanplakkal in his lifelong service for the destitute. After Fr. Kaippanplakil's death Dr. Sebastian wrote and published a biography of the Great Soul in English and Malayalam. He is a good singer and a lover of music.
10	Smt. Rosamma Abraham	Former teacher in Nigeria
11	Prof. Daisy Jacob	Joined Alphonsa college as Faculty in English after completing P.G. After one year joined the Department of English, All Saints' College, Thiruvananthapuram. After one year joined B.C.M. College, Kottayam. After one year went to Kenya and resumed her teaching career. Later she went to South Africa and continued as a teacher in Lesotho. In 2006, after retirement, she returned to Kerala.
12	Smt. K.J. Aleykutty	Her brother Prof. K.J. Scaria was a faculty in Chemistry in St. Thomas College, Pala.
13	Prof. Joseph J. Mannooparampil	Taught in Schools and Colleges in Kenya and later in Lesotho, South Africa
14	Smt. Sosamma Varkey, Ancheril	She was Secretary of YWCA, Thiruvandapuram. Former Warden, Women's Hostel, U.C. College, Aluva. Now settled in Kollam.
15	Prof. P.T. Joseph, Paikada	Retired Faculty, Department of English, St. George College, Aruvithura.

## DEPARTMENT OF MALAYALAM

### MAJOR ACTIVITIES AND ACHIEVEMENTS OF THE YEAR 2016-17

During the academic year 2016-17, the department of Malayalam conducted a number of programmes to help the students for their overall growth both in academic and cultural activities. Our intention is the holistic development of social <sup>and</sup> personal realm of each student. In order to fulfil this aim, both faculty and students have been working together. The important activities are:-

- 1) 19-6-2016 TO 25-6-2016 - VAYANAVARAM AND BOOK FAIR IN ASSOCIATION WITH NATIONAL BOOK STALL KOTTAYAM
- 2) 9-9-2016 RELEASING OF *EZHUTHU* ( A MAGAZINE OWNED BY JESUIT FATHERS ) AND LITERARY DISCUSSION LEAD BY PROF. V.G. THAMBI AND DR. BABU JOSEPH (FORMER VICE CHANCELLOR, CUSAT)
- 3) 24-10-2016 - THUNCHATHEZHUTHACHAN ~~SPEECH~~ LECTURE.  
RESOURCE PERSON - PROF. P.N. VIJAYAPPAN (MALAYALAM SARVAKALASALA THIRUR)
- 4) 1-11-2016- KERALAPPIRAVI CELEBRATIONS CONDUCTING COMPETITION FOR SELECTING MALAYALI MANKA AND MALAYALA SREEMAN
- 5) PAPER PRESENTATION 15-12-2016 GOVT. COLLEGE MANIMALAKKUNNU POPULAR ELEMENTS IN MALAYALAM FILM SONGS
- 6) 20-01-2017- VAGMITHA -MERIT DAY, ELOCUTION COMPETITION
- 7) 25-01-2017 INVITED TALK ON MAPPILAPPATTU (PROF. MUHAMMED BASHEER (RTD. PROF. PSMO COLLEGE THIROORANGADI))
- 8) 30-01-2017-KAVYOLSAVAM- LECTURE ON HOW TO RECITE A POEM ?- DR. DOMINIC J. KATTOOR ( GOVT. WOMENS COLLEGE TVM)
- 9) 21-02-2017-PRITHIBHANAM -2017-HONOURING SREE KUMARAN THAMBI( FAMOUS FILM SONG WRITER) ACKNOWLEDGING 50 YEARS OF HIS CONTRIBUTION TO THE FILM INDUSTRY, BY H.E. MAR. JACOB MURICKEN(MANAGER)
- 10) 18-02-2017- BOOK RELEASE -1-BHARATHEEYETHARA SAHITHYA SIDHANTHANGAL  
(DR. THOMAS SCARIA)  
2- KARUNA PADANAVUM VYAKHYANAVUM( DR. DAVIS XAVIER)
- 11) PUBLICATION IN RESEARCH JOURNAL -  
1- DR. THOMAS SCARIA - 3



1. CULTURAL POETICS AND NEW HISTORICISM-VINJANAKAIRALI
2. RANCIRE-AESTHETIC THEORY-VINJANAKAIRALI
3. BIOGRAPHICAL CINEMA-THUDI RESEARCH JOURNAL

12) POPULAR ARTICLES

- 1 - DR.DAVIS XAVIER - 4 (SARGABHARATHI,SAHITHYAVIMARSAM)
- 2 - DR.THOMAS SCARIA - 3(EZHUTHU MAGAZINE,ASRAYA MATHRUNADU)
- 3 - SIJU JOSEPH - 10(AKSHARAJWALA,DEEPANALAM,DEEPIKA, MATHRUBHUMI)
- 4 - TONY JOSEPH - 1( EZHTHU)

13) ARTICLE IN BOOKS

- 1 - DR.THOMAS SCARIA - 1 (STHREENOVEL PADANANGAL;PONJIKKARA RAPHI )
- 2 - PRINCEMON JOSE - 1 (STHREENOVEL PADANANGAL)
- 3 - TONY JOSEPH - 1 ( STHREENOVEL PADANANGAL)

14) EDITOR

- 1 - DR.THOMAS SCARIA -SAHITHYASAMVEDANAM (MONTHLY)
- 2 - SIJU JOSEPH - AKSHARA JWALA(MONTHLY)

15) ACADEMIC ACHIEVEMENTS

- ARATHY V. NAIR - M A 2<sup>nd</sup> RANK(2014 -16)
- ROSMY SEBASTIAN - M A 6<sup>th</sup> RANK(2014 -16)
- NET - 1- VISHNU PRASAD(2016 June)

16) STUDENTS ACHIVEMENTS

1. KVR PAI MEMORIAL INTER COLLEGIATE QUIZ COMPETITION  
I st PRIZE - NAYANTHARA SIBY & SAGARA S.
2. POWER LIFTING COMPETITION - UNIVERSITY LEVEL  
II nd PRIZE - PAUL LEVY ( M A 2 nd year)

17) Ph.D THESIS SUBMITTED

ANILA THOMAS UNDER THE GUIDENCE OF DR SABU DE MATHIEW

18) CAMPUS NEWS PAPER RELEASING - MALAYALASABDAM EDITED BY MALAYALAM MAIN STUDENTS ON 23 -03 – 2017

19) 25-03-2017 -ALUMNI MEET

20) INNOVATIVE PRACTICES

PEER TEACHING

REMEDIAL COACHING

EFFICIENCY DEVELOPMENT PROGRAMMES FOR WRITING SKILLS AND PUBLISHING ARTICLES IN VARIOUS RECOGNIZED MAGAZINES

DEBATE ON CURRENT ISSUES

CAREER GUIDANCE

26) MERIT DAY – 29/03/2017

FELICITATION TO THE RANK HOLDERS

OUR NEW FACULTY

- 1 Rev. Fr. Salvin K. Thomas Kappiliparampil
- 2 Mr. Tony joseph
- 3 Dr. Suvarnani Devi E



**ST. THOMAS COLLEGE PALA**  
**P G & RESEARCH DEPARTMENT OF HINDI**  
**ANNUAL REPORT - 2016-17**

The academic year 2016-2017 was a very eventful and extremely successful year in many ways. We have made great efforts to make this year progressive by organizing varieties of curricular and co-curricular activities, seminars, invited talks, extension activities etc.

**TEACHING FACULTY**

Dr. Mathew Thomas	M A, Ph D	28 Years	Prose & Poetry
Dr. P D George	M.A, M. Phil, M. Ed., Ph. D	26 Years	Drama
Dr. Sr. Kochurani Joseph	M.A, M. Phil, B.Ed., Ph. D	1 year	Literary Criticism
Dr. Anish Cyriac	M.A, M. Phil, B. Ed., SET, Ph. D	3 years	Poetry & Fiction
Dr. Dinimol N D	M.A, M. Phil, B. Ed., SET, Ph. D	2 Months	Poetry & Fiction

**I. Membership in the Academic Bodies**

1. Dr. Mathew Thomas served as the P G Board of Exam IV semester, MG University
2. Dr. C K James served as Member, Academic Council, St. Teresa's College, Ernakulam.
3. Dr. C K James and Dr. P D George Members of M . G. University P G Hindi Board of Studies

**II. Serving As Resource Person**

1. Dr. C K James International Seminar on Ecological writings held at St. Teresa's College, Ernakulam
2. Served as Resource Person Hindi Week Celebrations, Rubber Board Pala

**III. Seminar Participation and Paper Presentation**

1. Dr. Anish Cyriac has Participated and Presented a Paper in the UGC sponsored Two Day International Seminar held at St. Teresa's College, Ernakulam from 13-14 November 2016

2. Dr. Anish Cyriac has Participated and Presented a Paper in the One Day National Seminar held at K E College Mannanam from 20<sup>th</sup> December 2016

#### IV Publications

1. Dr. Anish Cyriac- Utharadhunik Hindi Kavita Mein Upabhoktavadi Samaj ki Parikalpana, UGC National Seminar Proceedings, NSS Hindu College, Changanacherry, Kottayam., Page No. 63-69., ISBN No. 978-93-5235-617-1
2. Dr. Anish Cyriac- Samakaleen Hindi Kavitha Mein Manavadhikar ki Parikalpana', Nirmala Academic and Research Publications (Narp), Page No. 77-85, ISBN No 978-81-929844-2-1.
3. Dr. Dinimol N D - Bhumandaleekaran, Kumar Ambuj ki Kavithavom ke Sandharbh mein. ISBN 978-93-81980-24-8
4. Dr. Dinimol N D - Jeevan Meim Sundharatha Ki Thalash, Ananya Prakashan

#### V. The Major Events- 2016-2017



1. One Day National Seminar on Re-Reading Hindi Mystical Poems, Chief Resource Person- Rev Dr. M D Thomas, Former National Director Commission for Religious Harmony CBCI on 5<sup>th</sup> January 2017

## ONE DAY NATIONAL SEMINAR

The Prospects of Translation in Multimedia

on 22<sup>nd</sup> February 2017



2. One Day National Seminar on The Prospects of Translation in Multimedia on 22<sup>nd</sup> February 2017 Resource Persons-Dr. Herman P.J. Assistant Professor, Dept. of Hindi, Calicut University, Dr. Seema Chandran, Assistant Professor, Dept. of Hindi, Cental University, Kazargode

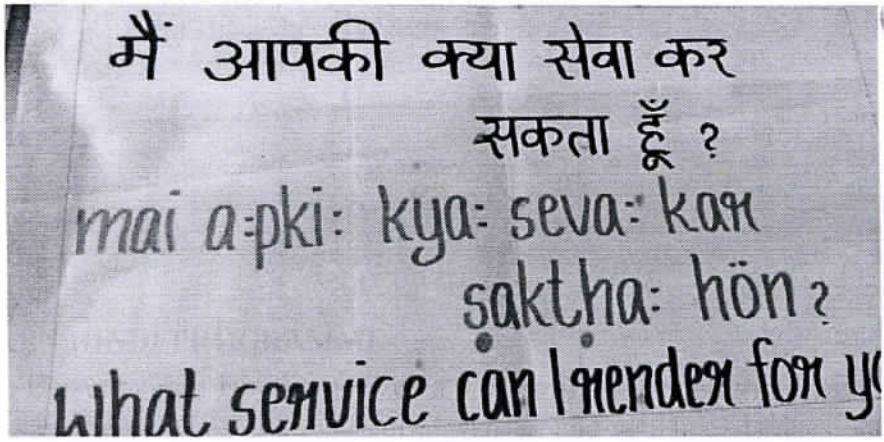
### V. Extension Programmes

The Faculty of Hindi Department held an Extension Programme for Hindi Residents of Kerala on 24<sup>th</sup> March 2017. We had an interaction with them around 1 hour. We discussed with them their problems, Accommodation Facilities, Education of the their Children, Language difficulties, problems related with wages, problems with regards to the climate of Kerala etc.



## VI. SPOKEN HINDI PROGRAMME-

The Department of Hindi organized a Spoken Hindi Learning Programme for the staff and students of the college. We have displayed around 60 Hindi Usages and Technical in the College Notice Board and in the Department Notice Board. At the End of the Programme We conducted a written examination for the students.

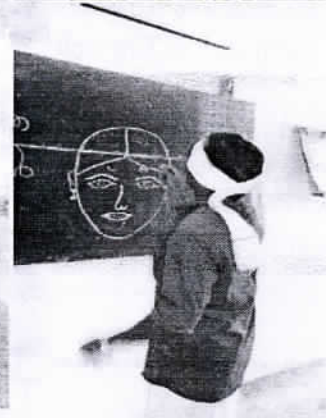
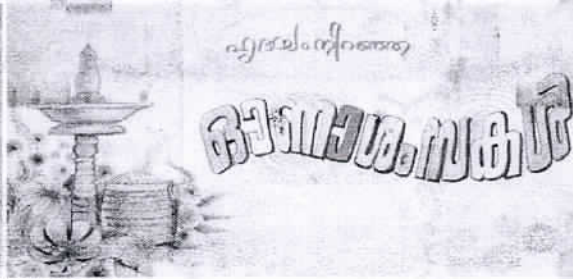


I Prize – Aneesh V Nair, I DC

## VII. Association Activities



### VIII. Onam Celebrations



### IX. Student's Achievements-

Miss. Aena Rajan (II M A), Miss. Shintu Elizabeth (II M A) Participated and won prizes in the inter collegiate Quiz Competition held at Cochin University of Science & Technology





1. University Ranks Geeth M, Aena Rajan, Shintu Elizabeth and Jaykrishn M secured V<sup>th</sup>, VI<sup>th</sup>, VII<sup>th</sup> & VIII<sup>th</sup> ranks in the M G Uty Exam.
2. Aswathy C R Qualified UGC Net Exam
3. Dr. Bindu P V Awarded Ph D in Hindi
4. Neethumol G K Qualified SET
5. Darshna S & Neethumol GK Qualified K TET
6. Sreelekha N won the Hindi Scholarship worth Rupees 20000 /
7. To Promote Research and inspire the students we encourage our students to present Research Paper in P G Classes

#### **X. Hindi Manuscript Magazine-**

Hindi Manuscript Magazine was prepared by the students of Hindi Department and published.



#### **XI. Alumnae Meeting - An Alumnae Meeting was Organized on 25/03/2017**

Thanking you

Yours faithfully,

Dr. Anish Cyriac

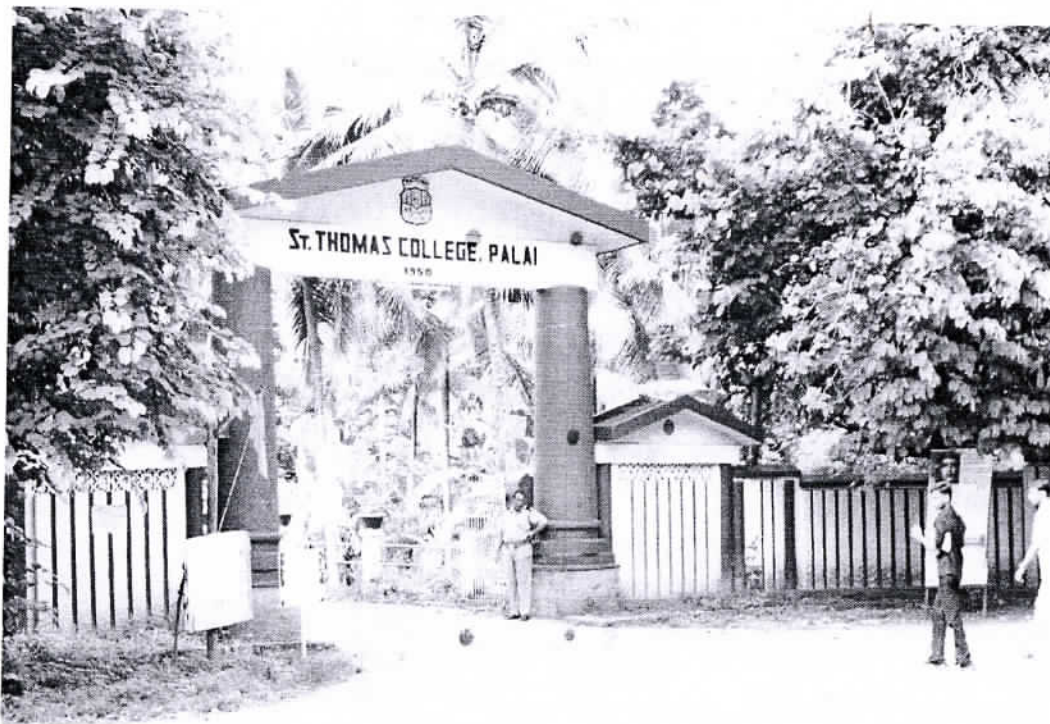
I Q A C Coordinator of the Department

Dr. Mathew Thomas

Head of the Department

# INTERNAL QUALITY ASSURANCE CELL

Brief Report 2015 - '17



RESEARCH & POST GRADUATE  
DEPARTMENT OF MATHEMATICS,  
ST. THOMAS COLLEGE PALA,  
ARUNAPURAM P.O, KERALA, INDIA, 686 574.

## VISION

Mathematics has a pride of place in every human activity and this can be utilized for making our nation a Knowledge based Super Power.

## MISSION

To imbibe and impart a 'Mathematical sense' to youngsters, especially of this agrarian community.

## PRESENT FACULTY

The present faculty is a team of eight, three having Doctorate Degree four M. Phil. holders, one University Rank holder in M. Sc., three having additional qualification of degree in Education and one registered part time researcher. **Prof. Manuel Joseph Panavely** is the Head of the Department.

### Year Plan 2016 – 2017

Class tutors	
II M.Sc – Sri. Thankachan Augustine	Dept. Secretary – Sri. Bobby P. Mathew
I M.Sc. – Sri. Tommy Thomas & Dr. Sunil C. Mathew	Maths Study Group – Ms. Tinjumol Mathew
III B.Sc. – Dr. V. K. Jose & Sri. Bobby P. Mathew	MTM Quiz – Sri. Tommy Thomas
II B.Sc. – Sri. Bobby P. Mathew & Dr. Raj Mathew	Maths. Alumni – Dr. Raj Mathew
I B.Sc. – Dr. Sunil C. Mathew & Ms. Tinjumol Mathew	Library Books – Dr. Sunil C. Mathew
	UGC-CSIR-NET- Sri. Tommy Thomas
	Guidance & Counseling – Sri. Manuel Joseph Panavely

### Faculties serving key duties of the College

1. Dr. Sunil C. Mathew is serving as the IQAC coordinator of the College
2. Dr. V. K. Jose is serving as the admission in charge of our College & General Time Table.
3. Prof. Tommy Thomas is serving as the Open Course coordinator of our College for the Degree students

#### 4. Curriculum Development

Sl. No.	Name of Teacher	Category
1	Shri. Manuel Joseph Panavelly	Chairman, P.G Board of Studies, M.G University.
2	Dr. V. K. Jose	Member - U.G. Board of Studies, M.G. University
3	Dr. Raj Mathew	Member, PG Board of Studies, M. G University

#### University Nominee

Sri. Tommy Thomas, Associate Professor is appointed as the University nominee on 29<sup>th</sup> July 2016 for the academic council of Assumption College, Changanacherry. This appointment is for a period of six years.

#### Paper Presentation

Dr. Sunil C Mathew has attended the following seminars/ conferences

One Day Seminar on Mathematics	Invited	Christian College Chengannur	15 March 2016	Regional	Number Theory and its Applications
Operator Theory and Fourier Analysis	Participation	Government College Kottayam	18-19 February 2016	National	--
Workshop on the Effective Use of Technology in Teaching & Administration	Participation	St. Thomas College Palai	3 June 2015	Regional	--
One Day Seminar on Number Theory and its Applications	Invited	M E S College Nedumkandam	25 July 2016	Regional	Some Applications of Number Theory

Ms. Tinjumol Mathew has participated and presented a paper titled Multi-Objective optimization for scheduling repetitive projects using GA -in the international Conference-Global Colloquium on Recent Advancements and Effective researches in Engineering, Science and Technology organized by St. Joseph's College of Engineering and Technology, Palai, during 22<sup>nd</sup> and 23<sup>rd</sup> April 2016

## Publications

Sl.No	Publication	Publication Year
1	On the Lattices of L-Topologies, Fuzzy Sets and Systems, Volume 282C, Pages 21-30. Co-author: Ginu Varghese.	2016
2	On Topological Numbers of Graphs, Novi Sad J. Math. Vol. 45, No. 2, 85-95. Co-author: Ullas Thomas.	2015
3	Invertibility of the Related Spaces of a Fuzzy Topological Space, Thai Journal of Mathematics, Volume 13, Number 2: 277-289. Co-author: Anjaly Jose.	2015

4. Shri. Bobby P Mathew has presented one paper in an international conference.

### Research Guidance

Dr. Sunil C Mathew is guiding three students towards Ph. D in our Department, namely,

1. Vivek S
2. Bipinkumar V
3. Babin B.

### Editorial and Referee positions

Dr. Sunil C. Mathew is serving as editorial board member for various international Journals in the areas of Mathematics

### Mathematics Quiz Masters for other Colleges

Dr. Sunil C Mathew, Sri. Tommy Thomas and Sri. Bobby P. Mathew, serving as Quiz Masters in various colleges across Kerala during the past few years.

### Invited Talks

Prof. Tommy Thomas has delivered a talk for the undergraduate Mathematics students of Alphonsa College, Pala on 10 August 2016.

### Participation of faculties in Seminars/Orientation Programme

1. Shri. Bobby P Mathew has participated the Orientation Programme conducted by Academic Staff College, University of Calicut during 20 Oct. to 14 Nov. 2016.

## Department Quiz Team

This year our Quiz team has won several prizes in the Mathematics Quiz Contests conducted by various colleges across Kerala

The team comprises mainly Alphy V. Babu and Richu Rajesh of 2013-2016 B. Sc. Mathematics batch.

1. 2<sup>nd</sup> prize, Devamatha College, Kuravilangadu on 28/ 02/ 2016
2. 2<sup>nd</sup> Prize, St. Thomas College, Pala on 25/ 01/ 2016
3. 3<sup>rd</sup> prize, Ettumaroorappan College, Ettumanoor on 01/ 02/ 2016
4. 3<sup>rd</sup> prize, Alphonsa College, Pala on 22/ 01/ 2016.

## Students Selected for NBHM Training Programme

Our student 3<sup>rd</sup> year B.Sc. student Shri. Alphy V Babu has attended the prestigious "Mathematics Training and Talent search Programme" at S.N.M. Engineering College Chennai during 18 May 2016 to 13 June 2016 conducted by the National Board of Higher Mathematics.

## Prof.Mathew T. Matheikal All Kerala Quiz

This year our Department has conducted a mathematics quiz, in the honor of Prof. Mathew T Matheikal, Former HOD Mathematics, on 5-01-2016. 14. College Teams across the Kerala State has participated in this event and our college also won the second prize.

## Examination and Evaluation

Sl. No.	Name of Teacher	Category
1	Shri. Manuel Joseph Panavely	Chairman/Chief Examiner, P.G/ U.G Board of Examiners.
2	Dr. V. K. Jose	Chief/ Additional Examiner, P.G/ U.G Board of Examiners.
3	Shri. Thankachan Augustine	Chief/ Additional Examiner, P.G/ U.G Board of Examiners.
4	Dr. Sunil C. Mathew	Chief/ Additional Examiner, P.G/ U.G Board of Examiners.
5	Shri. Tommy Thomas	Chief/ Additional Examiner, P.G/ U.G Board of Examiners.
6	Dr. Raj Mathew	Chief/ Additional Examiner, P.G/ U.G Board of Examiners.
7	Shri. Bobby P. Mathew	Chief/ Additional Examiner, U.G Board of Examiners.
8	Ms. Tinjumol Mathew	Chief/ Additional Examiner, U.G Board of Examiners.

## Annual Assessment Report of the Department of Statistics for 2016-'17

(Prepared in line with the 32 Key Areas coming under the 7 Criteria)

### Criterion I - CURRICULAR ASPECTS

#### 1.1 Curricular Planning and Implementation:

##### Faculty in Board of Studies

Name	Involvement
Dr K.M Kurian	Chairman of UGBOS in Statistics, Member of PGBOS in Statistics, Member of Faculty of sciences, Convener of Expert Committee in Biostatistics, Member of PGBOS in Statistics, Calicut University
Dr Sebastian George	Member of UGBOS in Statistics, MG University
Dr Benny Kurian	Member of PGBOS in Statistics, Kannur University
Dr. Seemon Thomas	Member of PGBOS in Statistics, Member of Expert Committee in Biostatistics, MG University Member UGBOS, Calicut University.

#### 1. 2 Academic Flexibility

##### Program and Courses in the Department

1. Ph.D. program (1997 onwards)
2. M.Sc. Statistics (1959 onwards)
3. Two courses in Statistics for MA Economics program (1967 onwards)
4. Two courses in Statistics for BA Economics program (1953 onwards)
5. Four courses in Statistics for B.Sc. Mathematics program (1953 onwards)

##### Add-on Courses

The Department conducts two add-on Certificate Courses :

1. LaTeX Typesetting for Science Journalism, 2012- 2017
2. Statistical Computing and Data Analysis, 2015-2020

#### 1.3 Curriculum Enrichment

The Department has arranged the services of 2 experts to enrich the curriculum subjects.

### Criterion II- Teaching – Learning and Evaluation

- 2.2 **Catering to Student Diversity:** The department gives special consideration for both weak students by arranging Remedial classes and for bright students in the form of training for competitive Examinations.
- 2.3 **Teaching - Learning Process :** The Department prepares Year Plan and evaluates its progression. Essay writing, Poster Drawing and Data analysis competitions are offered for students in connection with National Statistics Day (June 29) Celebrations.

#### 2.4 Teacher Quality

##### List of Faculty

Dr K.M. Kurian	M.Phil., Ph.D.	29 years	Publications 5
Dr Alex Thannippara	Ph.D.	25 years	Produced 4 Ph.D.s Publications 16
Dr Sebastian George	M.Phil., Ph.D.	21 years	Produced 5 Ph.D.s Publications 30
Dr Benny Kurian	M.B.A., Ph.D.	22 years	Publications 4
DrSeemon Thomas	M.Phil., Ph.D.	19 years	Publications 13
DrDeemat C Mathew	Ph.D.	4 months	Publications 4

##### List of Faculty as Resource Persons at Other Centers

- Dr. Sebastian George is an Adjunct professor at CMC Vellore and is visiting CMC Biostatistics department regularly.

#### Faculty Promotion

Deemat C Mathew attended Two day technical session on *Synergy of Official Statistics and Academic Research* funded by MOSPI, Govt of India and conducted by State Academy on Statistical Administration (SASA), during 17-18 February 2017

#### Award to Faculty

Dr. Sebastian George awarded P. K. Sen distinguished professorship, University of North Carolina, USA

### 2.6 Students Performance and Learning Outcomes

#### Performance of M.Sc. Students in the University Examinations

Programme	Semester	No. appeared	No. Passed	Percentage	Grade					
					A+	A	B+	B	C+	E
MSc.	IV	14	12	85.7		1	8	3	0	2
	III	14	13	93		4	3	4	2	1
	II				Result not Declared					
	I	15	14	93.3	5	3	5	1		1

Programme	Semester	No. appeared	No. Passed	Percentage	Grade					
					A+	A	B	C	D	E
BA Economics	VI	48	37	77.1	5	6	6	8	7	5
	V	47	43	91.5	14	8	7	6	4	4
BSc Mathematics	I	34	32	94	13	4	3	7	2	3
	II	Result Not Declared								
	III	33	27	81.8	8	0	7	5	3	4
	IV	Result Not Declared								

### Criterion III- Research, Consultancy and Extension

#### 3.1. Promotion of Research

Number of Research Scholars: 16, PhD Awarded : 2

Research scholars presented 9 papers in conferences and workshops

#### 3.2. Resource Mobilization for Research



## Research projects

Sl.No	Principal Investigator	Title of the Project	Funding Agency	Completed/ Ongoing	Amount
1.	K.K. Jose	Some Asymmetric Distributions and Their Applications in Statistical Modeling Or. No: 788/2014/KSCSTE Dated 24-12-2014	KSCSTE	Ongoing	5,74,670
2.	Jeena Joseph	Two sided power distributions and its applications Or. No: SR/WOS-A/MS-02/2014(G) dated 28-09-2015	DST Women Scientist Scheme	Ongoing	3,0,000
3	K.M. Kurian	Concurrent Estimation and Productivity of Coconut in Kottayam District	Coconut Development Board	Completed (March 2017)	55,600

**Eminent Researchers Visited the Department during the year :** 2-Dr MR Srinivasan from Madras University, and Smt. Sangeetha Jose from RBI

### 3.4. Research publications

- Devika, S, **Sebastian George** and Jeyaseelan L. (2016) Application of Esscher transformed Laplace distribution in micro-array gene expression data. *Journal of Modern Applied Statistical Methods*

### Invited Talks in conferences/seminars : 5

- **Dr Sebastian George**, Statistical computing using R. Department of Statistics, K. E. College Mannanam, January 27, 2017.
- **Dr Sebastian George**, Mixture Regression Models in the Presence of Concomitant Variables, National Conference on Advances in Statistical Sciences and Annual conference of the Kerala Statistical Association, Department of Statistical Sciences, Kannur University, February 17-18, 2017
- **Dr. Sebastian George**, Mixture Regression Models, National Seminar on Statistical Techniques in Applied Areas, St Thomas College Trissur, 28 February 2017.
- **Dr. Sebastian George**, at University College Thiruvananthapuram, 3 March 2017.
- **Deemat C. Mathew**, A family of Non parametric Tests for Decreasing Mean Time to Failure with Censored Data, International Statistical Institute Regional Statistics Congress, ISI and Bank Indonesia, March 22-24, 2017. (Paper selected for DST-SERB International Travel Support, Rs. 70,000/- app.)

### 3.5. Consultancy Services

- Department is providing consultancy services to COCONUT DEVELOPMENT BOARD and **MoU**
- Consultancy in respect of data collection and analysis was given to Mr Peathesh Thomas, the research scholar in Economics, Vellore Institute of Technology.

### 3.7 Collaborations

1. University of North Carolina - Dr. Sebastian George.
2. Madras University - Dr. Sebastian George.
3. Christian Medical College Vellore – Dr. Dr. Sebastian George.
4. University of Kerala- Dr. K. M. Kurian, Dr. Sebastian George, Dr. Benny Kurian, Dr. Seemon Thomas.
5. University of Calicut- Dr. K. M. Kurian, Dr. Sebastian George, Dr. Seemon Thomas.
6. Indian Statistical Institute, Chennai Centre- Dr. Deemat C Mathew.

## Criterion V -Student Support and Progression

### 5.1 Student Mentoring and Support

#### Along with scholarships, Activities and Support from Alumni

- Dr. Lishamol Tomy of 2002-2004 Batch instituted a scholarship worth Rs 37,500.
- Ms. Neemdu R. of 2006-2008 instituted a scholarship worth Rs 15,000.
- Ph.D. community instituted a scholarship worth Rs 1,00,000.

- ISS community instituted a scholarship worth Rs 1,50,000.

## 5.2 Student Progression

Statistician	1
Researcher	2
Programmer in MNC	5
Guest Faculty in College	2
Foreign Employees	1

## 5.3 Student Participation and Activities.

- Mr Bony Mathews of VI Semester BSc Mathematics Program acted as the **Field Investigator in the Sample Survey** for estimating the coconut production conducted by Coconut Development Board of India during November – December 2016.
- Franciosalgeo, Hari S and Nandukrishnan H. of M.Sc. Statistics participated in the five-day national residential programme on official statistics conducted by **NSSTA, Delhi** from 29 May to 3 June 2016.
- Divyamol Thomas completed two-month internship program during 29.06.2016-30.08.2016 on field surveys conducted by NSSO regional office Thiruvanthapuram.
- Franciosalgeo participated in the national level **essay writing competition by MOSPI** on 12 February and result is awaited.
- Manna Elizabeth Varghese and TesiaPlathottathil of M.Sc. Statistics won Third place in the Science Quiz Competition conducted in connection with **National Science Day celebrations** at our college.
- Gokul C. M. and VisnnuMohanan of IV Semester BSc Mathematics won I Prize both in the Regional level (27 January 2017, KE College Mannanam) and **State level** (18 February, Kannur University) “Dr US Nair quiz in Statistics for undergraduate students”, under the auspices of Kerala Statistical Association.
- Gokul C. M. and VisnnuMohanan of IV Semester BSc Mathematics won **I Prize** in the Regional level (23 February 2017, BCM College Kottayam) under the auspices of Old Students Forum of the Department of Statistics of Cochin University of Science and Technology.

### Criterion VI–Governance, Leadership, and Management

6.1 Teachers from the department are there in the board of studies for preparing and implementing the syllabus.

### Criterion VII–Innovations and Best Practices

**Competitive Examinations Training** The Department has a good collection of past question papers of various competitive examinations. Students of the Department get training for appearing UGC-CSIR test, Indian Statistical Service Examination (UPSC), Statistical Investigators test (SSC), test for selection of Research Officers in RBI, Bureau of Economics and Statistics etc.

**Other Student Support Services** (i) Remedial Classes for weak students at the graduate and post graduate level (ii) Promote participation of students in quiz and problem solving contests. (iii) Encourage students to organize cultural programs in connection with festivals like Onam, Christmas etc. (iv) Counseling service. (v) Grievance redressal cell (vi) Statistics Association

## **Activities of the Department of Statistics - 2016-'17**

### **PK Sen Distinguished Visiting Professorship. 16 July- 31 December**

**Dr. Sebastian George**, Associate Professor, selected for Prof. P.K. Sen Professorship at University of North Carolina US from August to December 2016.



### **Prize won by students in quizzes.**

**27 January 2017**

Gokul C.M and Vishnu Mohnan of IV Semester BSc Mathematics won the first prize in the Regional Level of U.S Nair memorial quiz competition held at K.E. College Mannanam.

**9 February 2017**

Third prize won by St. Thomas College Palai 15<sup>th</sup> in all Kerala K. Ramakrishna Pillai problem solving contest organized by the department of Statistics, St. Thomas College Palai.

**18 February 2017**

Gokul C.M. and Vishnu Mohnan of IV semester BSc Mathematics won First prize in the All Kerala Statistical Quiz competition conducted under the auspices of Kerala Statistical Association.

**23 February 2017**

Gokul C.M. and Vishnu Mohnan of IV semester BSc Mathematics won First prize in the All Kerala Statistical Quiz competition ( regional level) conducted under the auspices of Old Students Forum of the department of statistics, CUSAT.

### **Participation by Faculties in Seminars and Workshops.**

**17-18 February 2017**

Deemat C Mathew participated in two day technical session on "Synergy of Official Statistics and Academic Research" organized by SASA and Department of Economics at IMG Thiruvananthapuram funded by MOSPI, Govt of India.

Dr. Sebastian George delivered an invited talk in the annual conference of the KSA at Kannur University. 17-18 February 2017.

Ms. Ajitha Sasi, Mrs. Joshni George, Shalitha Jacob and Sophia P Thomas presented papers in the Annual Kerala Statistical Association conference held at Kannur University.

#### **27-28 February 2017**

Dr. Sebastian George delivered an invited talk in the National Seminar on Statistical Techniques in Applied Areas organized by the Research and PG Department of Statistics, St. Thomas College, Trissur.

Shalitha Jacob and Sophia P Thomas presented papers in the National Seminar on Statistical Techniques in Applied Areas organized by the Research and PG Department of Statistics, St. Thomas College, Trissur.

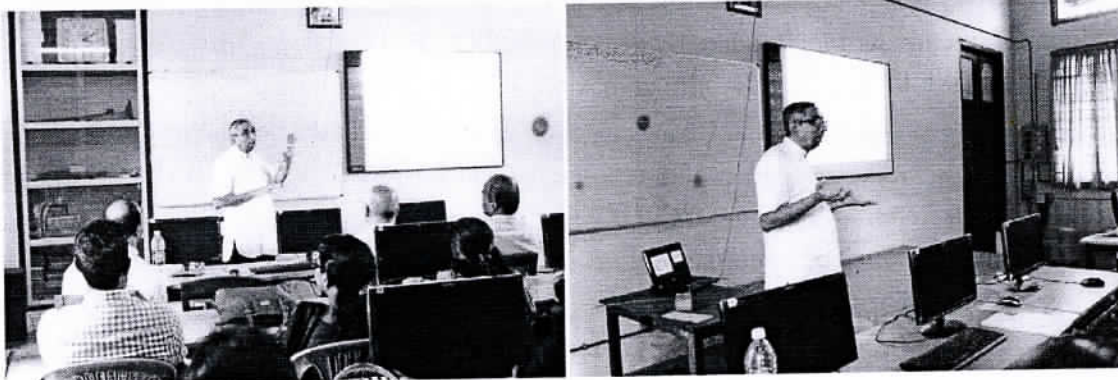
#### **22-24 March 2017**

Deemat C Mathew attended and delivered a talk in the International Statistical Institute Regional Statistics Congress (ISIRSC) organized by International Statistical Institute and Bank Indonesia held at Bali, Indonesia.

### **Invited Talks conducted in the department.**

#### **22 August 2016**

Dr. M. R. Sreenivasan, Professor and Head of department of statistics, university of Madras delivered a talk on “**Outliers in Multivariate Data**” from 2.00 pm to 4.30 pm. Research Scholars, Students from Statistics and Biostatistics department attended.



#### **27 October 2016**

Sangeetha Jose, Assistant Advisor, Reserve Bank of India visited the department and interacted with the students from 11.00am to 12.00pm.

### **Association Activities**

#### **29 June 2016**

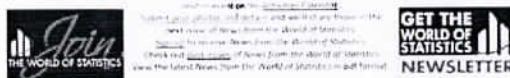
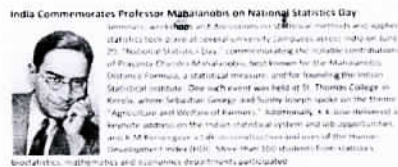
10<sup>th</sup> National Statistics day celebrated from 2 pm to 4 pm in the library hall. Dr. K.K Jose, Emeritus Scientist of Kerala State Council for Science, Technology and Environment gave talk

on Indian statistical system and opportunities in Statistics. Principal Dr. Sunny Joseph spoke on Agriculture and welfare of farmers. Dr. K.M. Kurian HoD, department of Statistics spoke on construction and interpretation of Human Development Index. More than 100 students from various departments participated.



**15 July 2016**

The July 15 issue of the newsletter of **World of Statistics** published the report of the celebration of 10<sup>th</sup> National Statistics day celebrations at St. Thomas college Palai organized by Department of Statistics.



**9 February 2017**

15<sup>th</sup> All Kerala K. Ramakrishna Pillai problem solving contest organized by the department. Teams from 16 colleges participated. First prize won by K.E. College Mannanam, Second prize won by S.B College Changanassery and Third prize won by St. Thomas College Palai.

### **Students Participation in National Level Programmes**

**29, 30 May and 1,2 and 3 June 2016**

Franciosalgeo, Hari S. and Nandukrishnan H. of 2<sup>nd</sup> Semester M.Sc. Statistics participated in the one week program on Official Statistics conducted by National Statistical Systems Training Academy, MoSPI Delhi.

**30 August 2016**

Ms. Divyamol Thomas (2014-2016) completed internship on 'Field Surveys' conducted by regional office of National Sample Survey Office, NSSO (Field Operating Division)Thiruvanthapuram from 29-06-2016 to 30-08-2016.

### **PhD. Awarded**

**Sreejith V.**

**Lovely Abraham T.**

### **NET /JRF**

MS. Viswakala K V of 2010-2012 qualified NET of June 2016 Examination.

### **Projects undertaken**

Title of Project: "Concurrent Estimation and Productivity of Coconut in Kottayam District"

Funding Agency: Coconut Development Board Rs. 55,600/-

## **Two page report of activities and achievements**

### **Department of Physics**

**2016-2017**

1. Dr. Simon Augustine, Dr. Sunny Mathew, Dr. Ison V. Vanchipurackal and Mr. Libin Kuriakose are in board of studies in colleges/universities.
2. Dr. Ison V. Vanchipurackal and Mr. Libin Kuriakose participated in curriculum development workshops.
3. Ten teachers are working in the department including one teacher on FDP and an FDP substitute.
4. The pass percentage of 2014-2016 MSc batch is 94 with 10 th rank.
5. The first semester result of the present MSc second year batch is 96 percent.
6. Third BSc students have 93 percent pass for their fifth semester.
7. A four days national level workshop on experimental physics was conducted for college teachers during 29 June-2 July 2016. The programme was conducted in association with the MG University Kottayam and Academy of Physics Teachers, Kerala. 36 teachers from all over India participated in the programme. Dr. Ison V. Vanchipurackal was the resource person and co-ordinator.
8. Sunil C. Vattappalam (Guide: Dr. Sunny Mathew and Dr. Simon Augustine) and Bhagyaraj C (Guide: Dr. Vincent Mathew) have submitted doctoral thesis from the department.
9. 4 international publications and 14 conference publications are produced from the department.
10. One patent is filed from the department. Appl. No: 201641006894. Ajith Thomas, Anju Elsa Tom and Dr. Ison V. Vanchipurackal are the authors.
11. Dr. Ginson P. Joseph is awarded commonwealth professional fellowship to visit School of Engineering, Robert Gordon University, UK.
12. Dr. Ison V. Vanchipurackal has written 3 expository articles from the department.
13. Dr. Sunny Mathew (KSCSTE) has one and Dr. Ginson P. Joseph (DST-SERB and CSIR) has two ongoing major research projects in the department.
14. 2 faculty members Dr. Ison V. Vanchipurackal and Dr. Ginson P. Joseph are reviewers of journals.
15. An international conference ICMST-2016 was organized by the department during 5-8 June 2016. Two Nobel laureates participated in the programme. There were 11 plenary

speakers, 12 keynote speakers, 15 invited speakers, 180 oral and 265 poster presentations during the conference. Dr. Ginson P. Joseph was the convener of the seminar. RRI Bangalore was the academic partner of the seminar.

16. An intercollegiate quiz competition was conducted by the department. Mr. Augustine J Edakkara was the quiz master.

17. 16 students are receiving scholarships from various agencies.

18. Our students won prizes in several intercollegiate quiz and other competitions.

19. 11 students joined for higher studies.

20. Our faculty members have active roles in governance of the institution. Dr. Michel Augustine is a member of the college council. Dr. Ison V. Vanchipurackal is the Secretary of the St. Thomas College Staff co-operative society Ltd. No. K- 434. Mr. Libin Kuriake is a member of the director board of Pala St. Thomas College co-operative society Ltd. No. 4175.

21. Three invited talks by experts are arranged by the department.

22. The department conducts a department level fest.

23. Mr. Libin Kuriakose has developed an income tax calculating software for teachers.

24. The department undertakes an LED bulb awareness programme.

25. We have planted 12 trees in front of the department.

26. Our students are active participants of the blood donors forum.



# RESEARCH AND P.G. DEPARTMENT OF CHEMISTRY ST. THOMAS COLLEGE, PALA

## Curricular Aspects

### Chairman and members of various BOS and Examination Boards

- Dr. Sunny Kuriakose: Member, Faculty of Science, M.G. University
- Dr. Sunny Kuriakose: Member, U.G Board of Studies, Kerala University
- Dr. Sunny Kuriakose: Chairman, VI Semester UG Practical Examinations, May 2016 (M.G. University)
- Dr. Sunny Kuriakose : Chairman & Member of panel of question paper setters of various Universities for UG examinations and Ph.D course works.
- JOGY ALEX AND DR. SUNNY KURIAKOSE : Nodal Officers for framing National New Education Policy, MHRD, GOVT. OF INDIA

Sri. jogy Alex, Dr. Jose K. Xavier, Dr. G.D. Gem Mathew & Dr. Thomas V. Mathew: Members of panel of question paper setters of various Universities for UG & P.G. examinations

### Subject Expert Committee Members,

Mahatma Gandhi University:

- Dr. Sunny Kuriakose, Dr. Jose K. Xavier & Dr. G.D. Gem Mathew

### Academic Council/Board of Studies of Autonomous Colleges

- Dr. Sunny Kuriakose: St. Therasas College, Kochi
- Sri. Jogy Alex: Rajagiri College of Social Sciences, Kalamassery

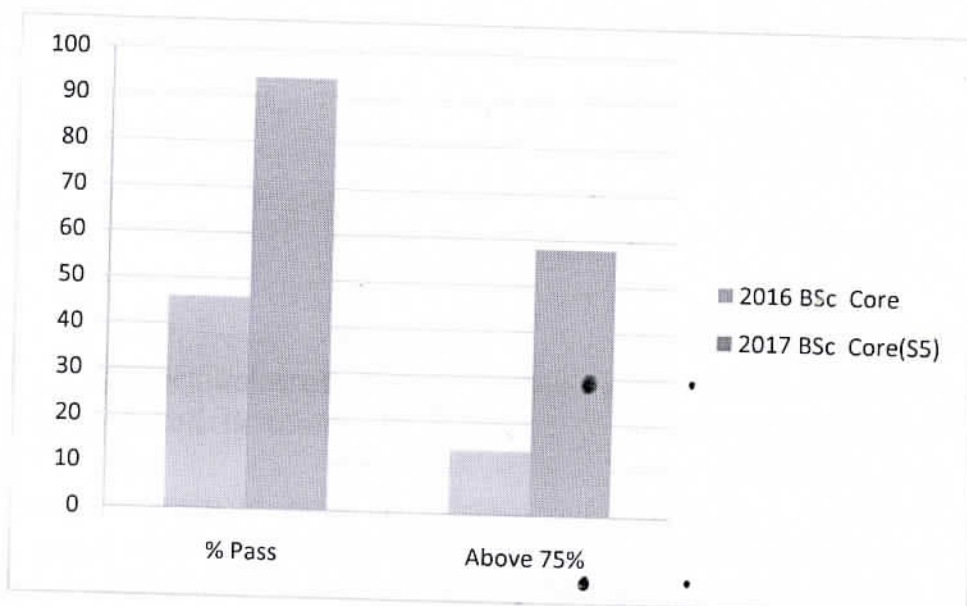
Text Books Published: 11 Text books are published by the faculty members (Dr. G.D. Gem Mathew, Dr. Jose K. Xavier, Dr. Sunny Kuriakose & Dr. Thomas V. Mathew) for various core and complementary courses and the Choice Based and Open Courses of UG Chemistry programmes of M.G. University and these text books

## Teaching, Learning & Evaluation

- Model examinations, class tests, assignments, seminars, problem solving sessions, surprise tests etc are conducted

- Special classes, morning and evening classes and extra classes are taken to cover the topics in time.

### Summary of Results: BSc



Year	Programme	Core/Compl	% Pass	Above 75%
2016	BSc	Core	46	14
2016	BSc	Compl	68	30
2017	BSc	Core(S5)	94	58

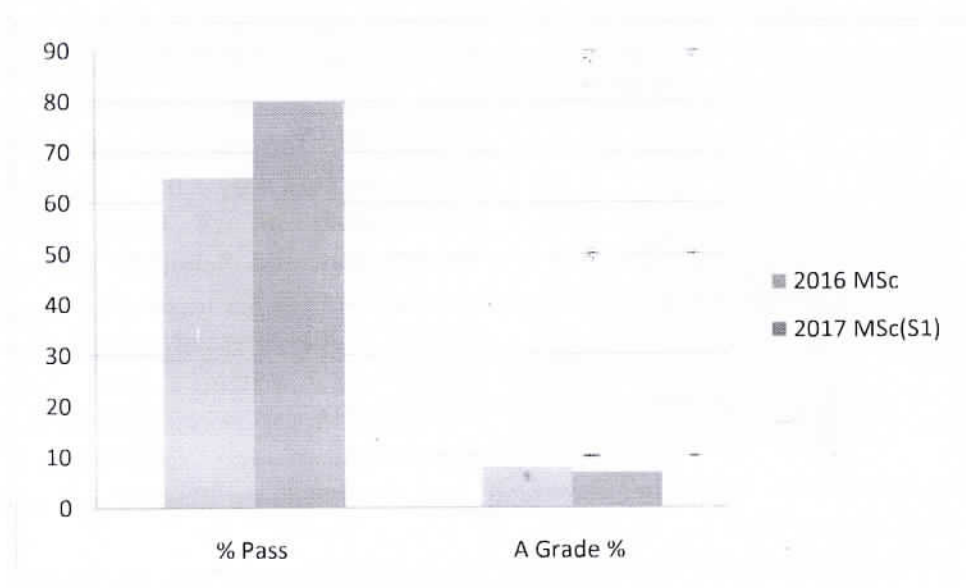
Total: 34, Pass: 32  
A+: 5, A: 10, B: 10, C: 5, D: 2, Failed: 2

### Summary of Results: MSc

Year	Programme	% Pass	A Grade %
2016	MSc	65	8
2017	MSc (S1)	80	7

Total: 20, Pass: 16  
A: 1, B: 14, C: 1, Failed: 4

Ms. Amala Shaliya Joseph got CGPA 3.62 and 1 position in the University.



#### Final CSIR UGC JRF/NET Qualified

Total Number : 94

Total Number during 2016-2017 : 2

#### Chemistry Alumni Association

1980-83 batch B.Sc Chemistry alumni had instituted the "B.Sc Chemistry Topper Prize" for the student scoring highest grades in the University examination. Present office Bearers of the Association' are:

President : Dr.A.G.Rajendran, Scientist, VSSC Thiruvananthapuram  
 Vice President : Dr.Sr.Elsa Tom, Former Principal, Alphonsa College Pala  
 Secretary : Dr.Jose.K.Xavier, Asso.Prof. St.Thomas College Pala  
 Treasurer : Prof. Jogy Alex, Asso.Prof. St.Thomas College Pala

#### Fragment Alumni

Prof.K.L.Sebastian (Bhatnagar Awardee, Indian Institute of Science, Bangalore)  
 Sri.James Kurian IFS (HRD Ministry, Govt. of India)  
 Dr.A.G.Rajendran (Scientist, ISRO)  
 Dr.Benny K.George (Scientist, VSSC, ISRO)  
 Prof.K.Sreekumar (CUSAT)

#### Chemistry Association

The Departmental Association conducts many programmes such as debate competitions and, group discussions on currently important issues, State level science quiz competition, **SCIENTIA - 3**, state level project presentation competition **Scientia 2017**, cultural programmes etc. In addition, the association organises Welcome ceremony at beginning of every academic year and farewell to the outgoing students at the end of each academic year. Dr. Thomas V. Mathew is the present director of the association.

### Scientia 3 – Intercollegiate Science Quiz Competitions

The Research and Postgraduate Department of Chemistry, St.Thomas College, Pala organized an All Kerala Intercollegiate Science Quiz Competitions for the Undergraduate



and Postgraduate students on 20.02.2017. The competition was a great success by the amazing participation of 33 teams from various Arts and Science, Medical and Engineering Colleges under the various Universities of Kerala. The preliminary written Test was conducted in the morning under the supervision of the Quiz Master,

Dr.G.D.Gem Mathew, Associate Professor, Research and Postgraduate Department of Chemistry, St. Thomas College, Pala.

In the final rounds conducted in the afternoon, the following teams won I,II, III, IV and V prizes:

- I prize: Bharatmata College, Thrikkakkara
- II prize: Pavanatma College, Murickasserry
- III prize: SN College, Cherthala
- IV prize: SB College, Changanacherry
- V prize: Newman College, Thodupuzha

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## Scientia 2017 – Intercollegiate Project Presentation Competitions

Scientia 2017- Project presentation was held on 10 March 2017. The competition started at 1:30 pm and each team had given 10 minutes for the presentation. The presentations were valued by the panel of judges, Rev.Sr.Dr. Jilly James(Asst.professor Alphonsa College Pala), Prof. Tomy Thomas ( Department of Mathematics, STC Pala) and Dr. P.J Benny(HOD, Department of Zoology STC Pala). The team of Mr. Kevin George and Vishnupriya K.S from St: George College, Aruvithura won the first prize, Mr.Sobin Mathew and Anu Vincent from STC, Pala won the second prize and third prize was won by Nidhi Sabu from the same college. The prizes were distributed by Dr.Sunny Joseph, Principal STC Pala.

## Research, Consultancy & Extension

Research guides: 7, Research students: 7, Ph.D Awarded: 1 (Najeev Martin George)

**Ph.D Awarded: 1** (Sr.Sheena Varghese under the Guidance of Dr.Sunny Kuriakose)

Ph.D selection (Abroad) : 1 (Ms.Leeja Jose, 2016)

Ph.D selection (India) : 3

### Research Projects

Minor Research Projects(2015-16) : 3

REFeree PANEL MEMBERS OF INTERNATIONAL/NATIONAL JOURNALS

(Dr.Sunny Kuriakose, Dr.G.D.Gem Mathew & Dr.Thomas V.Mathew)

REFeree PANEL/EDITORIAL BOARD MEMBERS OF INTERNATIONAL AND NATIONAL JOURNALS AND POPULAR SCIENCE MAGAZINES

**Dr.SunnyKuriakose:** 14 International Chemistry Journals, 1 Popular Science Magazine and 1 Science Journal (STARS) and 1 Biographical Magazine

**Dr.G.D.Gem Mathew** : 1 National Chemistry Journal, 1 Popular Science Magazine, 1 Science Journal (STARS)

**Dr.Thomas V.Mathew** : 3 International Chemistry Journal

### Invited Talks/Papers Presented in Conferences

**Dr.Sunny Kuriakose**

1. Environment Day Celebrations, BVM Holy Cross College, Cherpunkal, June, 10, 2016.
2. Pre-Submission Ph.D Thesis Viva -Voce at Bharathiar University, Coimbatore, June, 23, 2016.
3. Pre-Submission Ph.D Thesis Viva -Voce at Kerala University, Coimbatore, July, 17, 2016.
4. Invited Talk and Chief Guest of Chemistry Association Inauguration, Alphonsa College, Pala, August, 11, 2016.

### Other Highlights

- Members of Advisory committees of National Conferences.

- Member of Mentor panel for DST INSPIRE programmes
- Consultancy services are provided by the Research Faculty
- Extension activities are conducted by the Faculty
- Science Awareness camps, Science Exhibition, Science popularisation programmes, Lecture workshops etc are conducted.
- Talks and classes are given by the faculty on Environmental issues such as Plastic waste management, Water pollution and management, Green alternatives of Chemical protocols etc.
- Scholarships and Endowments to fast learners and Best students
- Remedial coaching for weak students.
- UGC-CSIR JRF/NET coaching

#### List of Publications

- i. Synthesis, characterisation and antibacterial studies of carbon nanoparticle and carbon nanoparticle encapsulated in functionally modified  $\beta$ -cyclodextrin with {5-[4-(dimethylamino) benzylidene]-4-oxo-2-thioxo-1, 3-thiazolidin-3-yl} acetic acid, Sheena Varghese, Sunny Kuriakose, *Supramolecular Chemistry*; 28(3-4), 293-304, 2016.
- ii. Bovin Serum Albumin stabilized Silver Nanoparticles: Synthesis, characterisation and antibacterial studies, Sunny Kuriakose, IOSR Journal of Pharmacy and Biological sciences, 10(3), 19-25, 2016.
- iii. Synthesis, Characterisation and Antifungal Activity of Carbon Nanoparticle-Beta-Cyclodextrin Aggregates against *Aspergillus Species*, Sheena Varghese, Sunny Kuriakose, *European Journal of Biomedical and Pharmaceutical Sciences*, Vol. 2, 486-494, 2016.
- iv. Antimicrobial Studies on  $Fe_2O_3$  Nanoparticles Synthesized by Dodecylamine Mediated Reduction Technique, Philip S and Kuriakose S;, *International Journal of Nanoscience*, 2016 (under revision).
- v. Synthesis, characterisation and antibacterial studies of carbon nanoparticle and carbon nanoparticle encapsulated in functionally modified  $\beta$ -cyclodextrin with {5-[4-(dimethylamino) benzylidene]-4-oxo-2-thioxo-1, 3-thiazolidin-3-yl} acetic acid, Varghese S and Kuriakose S; *Supramolecular Chemistry*, 2016, 28:293-304.
- vi. Dynamic mechanical thermal analysis of epoxy/block copolymer blends In book: Handbook of Epoxy Blends, Sajeew Martin George, pp 1-34 (Springer, 2016).

#### Awards and Recognitions

Dr. Sajeew Martin George - Member of the FLAIR Programme 2016-17

#### JRF - NET Qualifiers

1. Jayakrishnan K R. CSIR JRF
2. Deepak Joshy UGC JRF

- We provide consultancy to leading industries in the field of polymer processing, autopaste manufacture etc.
- Science awareness programmes and science camps
- Soil testing and water testing facilities for the public

Awareness programmes on solid waste management, water management etc. in collaboration with schools, Panchayaths and Municipality

## Infrastructure & Learning Resources

- Two research laboratories functioning as Interdisciplinary research centres.
- Two PG and one UG laboratories.
- Library with more than 500 Chemistry books, 11 chemistry journals and many science magazines.
- A well furnished computer lab with 12 computers, printers and internet facilities.
- A sophisticated instrumentation lab containing FTIR and UV-Visible spectrometer and various minor equipments.
- Storage facilities for keeping chemicals, solvents and lab wares.
- Major and minor equipments worth more than 30 lakhs.

## Student support & Progression

- Tutor-ward system is followed
- Coaching for UGC-CSIR JRF/NET
- Scholarships and Endowments
- Information, support and mentoring are provided to best students to get admission for research degrees, summer fellowships, recharge programmes etc.
- Student progression from UG to POG and PG to research degrees are analysed
- Special training is provided to get scholarships from University, and National agencies
- Participation of students in association activities, classroom and lab management is ascertained
- Alumni association activities

### FLBS Seminar Attended by Students

- 13-15 October 2016
  - Annie P Augustine
  - Anagha A
  - Indu R

## Governance, Leaderships & Management

Faculty members of Chemistry Department act leading role in the administrative process of the College both in horizontal and vertical levels. Administrative hierarchy is followed in the Department.

- Dr.Sunny Kuriakose : IQAC member, PTA Executive Committee member, College Council member, NAAC Steering Committee member.
- Dr.G.D.Gem Mathew : College Council member

### Administrative mechanism in the Department

- HOD, Class teachers, Tutors, Staff secretary, Department Association Director
- Teachers in charge of purchase, Department level auditing and monitoring
- Principal Investigators of Major and Minor Research Projects
- Laboratory staff and store keeper

## Innovations & Best Practices

- Green Chemistry protocols are followed in chemical synthesis
- Green Audit was conducted in the campus under the leadership of our faculty
- Innovative academic programmes for students such as Lecture workshops, seminars, ICT programmes etc.
- Students are encouraged to attend programmes such as FCBS lectures, national seminars and workshops
- Facilities such as soil testing, water testing, advice for solid waste processing etc are provided to the public.
- Classes are conducted for members of local bodies, school students and the public on various environmental issues.
- Doctoral research is being conducted on environmental issues such as River Water Analysis and Studies on the Bio-Geochemical Characteristics of Meenachil River.

## Five Year Action Plan.

- Propose to start an M.Phil Programme in Chemistry
- Proposed to conduct a National Seminar in March 2017.
- Propose to intensify UGC coaching to PG students
- Proposal for new Major and Minor Research Projects
- Enrolment to Ph.D. programme to be enhanced
- Extension programmes in connection with Green Chemistry protocols to be enhanced.
- New collaborations with National and International agencies to be started.



## POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY

### Development Report 2015-17

#### Students enrollments at UG level:

Students admission at I UG reached its maximum – 48 students

Year	2015-16	2016-17	Sanctioned strength
No. of students admitted	43	49	48

#### University Ranks:

1. Sri Ebin PG                      II Rank MSc Botany      2015-16

#### UGC/CSIR

1. Ms. Sreeja PS                      CSIR 2015
2. Ms. AmrithaBalakrishnan      CSIR 2016
3. Ms Angeline Cyriac              CSIR 2017: 23<sup>th</sup> Rank
4. Neena S.                              CSIR 2017: 66<sup>th</sup> Rank

#### Contributions of the institution and/or its staff members to the development of the curriculum

1. Dr. PO Augusthy: UG Board of Studies MG University 2013-16
2. Dr. Toji Thomas: PG Board of Studies MG University 2013-16
3. Sri. Paul V. karamthanam PG Board of Studies, Maharajas College, Ernakulam
4. Dr. Jomy Augustine CC Member, N I P S T, MG Uty.

#### New equipments purchased:

20 light microscopes

#### PhD awarded:

Bince Mani      2016.

#### Research Scholar Joined:

1. Ebin PJ                              Dr. Jomy Augustine      Flora of Idukki WLS                      2015
2. Sr. Elizabeth Kurian              Dr. Dennis Thomas T      Tissue culture and phytochemical      2015  
analysis of some compositae
3. Tiny Antony                              Dr. Jomy Augustine      Phylogeny of Strobilanthes              2017

#### COLLABORATIVE PROGRAMMES 2015-16

1. PBR – people Biodiversity Register : collaboration with Palai Municipality
2. PBR of Edamalakkudy Grama Panchayat: Collaboration with Kerala State Biodiversity Board.

### Extension Programme undertaken:

1. A list of fire hardy species identified from Marayur Sandal Division (Anchanad Valley): Prepared by PG and Research Department of Botany, St. Thomas College, Pala
2. Tree Boards at Vallakkadavu Community centre, Periyar tiger Reserve Thekkady
3. Tree Boards at Kumarakam Birds Sanctuary, Kottayam
4. Plant Biodiversity Assessment study conducted at Kurinjimala-Kottamala – proposed rock quarry area – report submitted to Collector, Kottayam District, President, Ramapuram Grama Panchayat, Kerala State Biodiversity Board.
5. Biodiversity documentation of the Protected areas of Kerala State.
  - a. Plant Biodiversity of Idukki WLS in collaboration with Kerala Forest Department.

### SEMINAR/WORKSHOPS/CONFERENCES ATTENDED, 2015-2016

1. **Jomy Augustine**, Flowering Plant Diversity of Idukki Wildlife Sanctuary, Western Ghats, India at XXII International conference of IAAT at Calicut on 24-26 November 2015. at Calicut University, Kerala
2. **Bince Mani**, Diversity of Pittosporum sp. in Western Ghats, India at XXII International conference of IAAT at Calicut on 24-26 November 2015. at Calicut University, Kerala
3. **Jomy Augustine**, has attended IAAT Conference and XXIII International conference of IAAT at Kohlapur on 7-9 November 2016 at Sivagi University, Kohlapur, MH.
4. **Bince Mani** has attended IAAT Conference and XXIII International conference of IAAT at Kohlapur on 7-9 November 2016 at Sivagi University, Kohlapur, MH.

### FACULTY AS MEMBERS IN COMMITTEES, EDITORIAL BOARDS, PROFESSIONAL ORGANISATIONS:

1. Technical Support Group, Kerala State Biodiversity Board – PBR.
2. Expert member in Environment Appraisal Committee – Idukki District.
3. Member, Core Committee, National Institute of Plant Science Technology, Mahatma Gandhi University (U.O. No. 4321/AV/1/Acad/2016).
4. Expert in PA management plan by MoEF, Govt. of India.

### Publications in Journals:

1. E.J. Josekutty, P. Biju & Jomy Augustine: *Strobilanthes malabarica* (Acanthaceae), a new species from South Western Ghats, India Webbia: Journal of Plant Taxonomy and Geography, 2016
2. Biju P., Josekutty E. J., Muhammed Haneef K. A and Jomy Augustine. *Nymphoides Balakrishnani* sp. Nov. (Menyanthaceae), A New Species from the

Lateritic Plateau of Southern Western Ghats, India. International Journal of Advanced Research (2016), Volume 4, Issue 7, 799-803

3. P. Biju, E.J. Josekutty and A. Jomy, *Blyxakasaragodensis*, a new species of Hydrocharitaceae from the ponds in the laterite plateau of Malabar coast, Kerala, India. Journal of Plant Taxonomy and Geography, 2016 . Vol. 71, No. 1, 61–67,
4. E. J. Josekutty, P. Biju, P. Sujanal & Jomy Augustine *Miliusapaithalmalayana*- A new species of Annonaceae from Southern Western Ghats, India
5. Asymbiotic seed germination and in vitro conservation of *Coelogyne nervosa* A. Rich. an endemic orchid... Sonia Abraham, Jomy Augustine, T Dennis Thomas . Physiology and Molecular Biology of Plants 07/2012; 18(3):245-51. DOI:10.1007/s12298-012-
6. Dual Inhibition of Lipxygenase/Cyclooxygenase by An Ayurvedic Herb, *Tinosporacordifolia* (WILLD.); ... Prakash Kumar B, Jenny Jacob, Jomy Augustine
7. P. Biju, E.J. Josekutty and Augustine J., 2016 A new species of *Lobelia* L. (Companulaceae: Lobelioideae) from the Laterite Plateau of Northern Kerala, India. DOI: 10.1080/00837792.2016.1175734
8. P. BIJU<sup>1,4\*</sup>, E.J. JOSEKUTTY<sup>2,4</sup>, K.HANEEF<sup>3</sup> and J. AUGUSTINE, 2016. A new species of *Nymphoides* Séguier (Menyanthaceae) from the lateritic plateau of South India. *Taiwania* 61(3): 218–220,
9. Josekutty E.J. P. Biju, P. Sujanal and Jomy Augustine, 2016. A new species of Annonaceae from southern Western Ghats, India. *Phytotaxa* 255 (3): 287-291.
10. Punnakot BIJU, Elayanithottathil Joseph JOSEKUTTY, Koolikkunnu Abdul Razak Muhammed HANEEF and Jomy AUGUSTINE, 2016. A new species of *Nymphoides* Séguier (Menyanthaceae) from the lateritic plateau of South India *Taiwania* 61(3): 218–220
11. Asymbiotic seed germination and in vitro conservation of *Coelogyne nervosa* A. Rich. an endemic orchid... Sonia Abraham, Jomy Augustine, T Dennis Thomas . Physiology and Molecular Biology of Plants 07/2012; 18(3):245-51.
12. Dual Inhibition of Lipxygenase/Cyclooxygenase by An Ayurvedic Herb, *Tinosporacordifolia* (WILLD.); ... Prakash Kumar B, Jenny Jacob, Jomy Augustine
13. P. P. Shajitha, N. R. Dhanesh, P. J. Ebin, Laly Joseph, Aneesha Devassy, Reshma John, Jomy Augustine, Linu Mathew. 2016 Molecular Phylogeny of Balsams (Genus *Impatiens*) Based on ITS Regions of Nuclear Ribosomal DNA Implies Two Colonization Events in South India Journal of Applied Biology & Biotechnology Vol. 4 (06), pp. 001-009, Nov-Dec, 2016

14. P. P. Shajitha, N. R. Dhanesh, P. J. Ebin, Laly Joseph, AneeshaDevassy, Reshma John, **Jomy Augustine**, Linu Mathew. 2016. A combined chloroplast atpB-rbcL and trnL-F phylogeny unveils the ancestry of balsams (*Impatiens* spp.) in the Western Ghats of India 3 Biotech (2016) 6:258

**Seminars/Workshops conducted:**

1. National Environmental Awareness Programme (NEAC) conducted on 7-10-2015

**Invited Lectures Conducted:**

1. Dr. Amruth M. , Scientist, Kerala forest research Institute, Peechi, Kewrala, Inauguration of Botany association activities 2015-16
2. Dr. CR Babu, Director, CMDE, University of Delhi talk on Degraded Ecosystems.
3. Dr. M Sanjappa, Director (Rtd.), Botanical Survey of India, Calcutta, talk on the spectrum of plant diversity of India.

**New Discoveries:**

1. *Strobilanthesmalabarica* - Journal of Plant Taxonomy and Geography, 2016,  
*Nymphoidesbalakrishnanii* - International Journal of Advanced Research, 2016,  
*Blyxakasaragodensis* - Journal of Plant Taxonomy and Geography, 2016,  
*Miliusapaithalmalayana* – Phytotaxa, 2016, *Nymphoidespalyii*- Taiwania, 2016, *Lobelia malabarica*, *Eriocauloncheemenianum*, *Isachnebhatii*, *Hydichiummatthewii*,  
***Strobilanthesainthomiana*,**
2. **DNA SEQUENCES DEPOSITED genbank**
1. ATP synthase CFI beta subunit (atpb) gene, Atpb-rbcLintergenic spacer, Ribulose 1,5-biphosphate carboxylase (rbcL)  
Each with 88 accessions

# DEPARTMENT OF ZOOLOGY

St. Thomas College Palai

## IQAC Report 2016

### PhD AWARDED

Under the guidance of Dr. Benny P. J., Head, Dept. of Zoology, PhD degree was awarded to Ms. Dhanya P. from M.G. University, Kottayam vide UO No EBX/PhD/218/2016 Dated 2<sup>nd</sup> June 2016. Title of the thesis is "Studies on the allelopathic effects of phytochemicals from selected plants and the open defense was conducted on 22.03.2016.

### INTERNATIONAL CONFERENCES

1. Allelopathic effect of *Syzygium malaccense* on seed germination of selected crop plants found in India, Shelmi Antony, **Benny P. J.**, **Proceeding of International Symposium On Recent Trends In Social Science, Environment And Biology**, p. 51-54 (ISBN: 9788192958040), Organized by National Institute For Engineering And Research (NIER).
2. Allelopathic effects of *Flacourtia inermis* on seed germination of selected crop plants found in india, Shelmi Antony, **Benny P. J.**, **Proceedings of IRF International Conference**, p - 33 - 35 (ISBN: 978 - 93-85832-29-1).
3. Evaluation of Tryptanthrin as an effective chemosensitizer for Dacarbazine chemotherapy against malignant melanoma, Minakshi Saikia, **Jayesh Antony**, Shabna A and Ruby John Anto, **International Conference on Nutraceuticals**, Cochin, Kerala, India, 9-11 September 2016.

### INTERNATIONAL PUBLICATIONS

1. Evaluation of uttroside B, a saponin from *Solanum nigrum Linn.* as a promising chemotherapeutic agent against hepatocellular carcinoma, Lekshmi R. Nath, Jaggaiah N. Gorantla, Arunkumar T. Thulasidasan, Vinod Vijayakurup, Shabna Shah, Shabna Anwer, Sophia M. Joseph, **Jayesh Antony**, Kollery Suresh Vēena, Sankar Sundaram, Udaya K. Marelli, Ravi S. Lankalapalli and Ruby John Anto, **Scientific Reports**, October 2016 [Accepted]
2. miR cluster 143/145 directly targets Nrl and regulates rod photoreceptor development, Sreekumaran Sreekanth; Vazhanthodi A Rasheed, Ph.D.; Lalitha Soundararajan; **Jayesh Antony, Ph.D.**; Minakshi Saikia; Krishnankutty C Sivakumar; Ani V Das, PhD, **Molecular Neurobiology**, October 2016 [Accepted]
3. A review of pharmacognostical studies on *Moringa olerifera* lam flower, Tom Mathew K and **Benny P. J.**, **Pharmacogn J**, Vol.8 (6), 2016.

4. Flowers with antibacterial property- A survey in Meenachil Taluk, Tom Mathew K and **Benny P. J**, **Journal of Pharmaceutical, Chemical and Biological Sciences**, June-August 2016, 4(2), p 252-261.

5. A Review of Phytopharmacological Studies on Some Common Flowers, Tom Mathew K and **Benny P. J**, **International Journal of Current Pharmaceutical Review and Research**; April 2016 7(3); 171-180.

6. Allelopathically active flavonoid Quercetin from *Garcinia gummi-gutta* (L.) Robs. Var. *gummi-gutta*- A Potential natural bioherbicide, Dhanya. P and **Benny P. J**, **International Journal of Advanced Multidisciplinary Research**, Vol.3, Issue 8, 2016.

7. Allelopathic effects of *Flacourtia inermis* on seed germination of selected crop plants found in India. Shelmi Antony, **Benny P. J.**, **International Journal of Advances in Science, Engineering and Technology (IJASEAT)** Volume-4, Issue -4, 2016 [Print ISSN- 2321 -8991]

### ICT ENABLED CLASS ROOM

A new ultra short throw interactive projector was installed in the zoology class room. The instrument is purchased using UGC grant and is very useful in delivering classes with power point presentations, videos. The instrument enables to record the drawing performed in each lecture for future use.

### STUDY TOUR

A study tour was conducted for III DC Zoology students to Ooty and Wayanad for 3 days. Dr. Benny P J and Mathew Thomas accompanied the students. A trekking and field visit to Muthanga and Tholpetty Wild life Sanctuaries were part of the study tour. A visit to Ooty Botanical Garden and Thrissur Zoological garden were added advantage to the trip.

### FIELD VISIT

A field visit was conducted for II DC Zoology students to Dr. Salim Ali Bird Sanctuary, Thattekkad. Dr. R. Sugathan has taken a lecture on the biodiversity and birds present in Kerala, especially in the sanctuary region, migration and conservation of birds. They have also visited Edamalayar Dam area and Power House, as part of the trip.

### WALK WITH SCHOLAR PROGRAMME [WWS]

Dr. Jayesh Antony is selected as internal mentor for the Walk With Scholar Programme organized by the Department of Collegiate Education, Govt. of Kerala for mentoring selected

Zoology students for carrier guidance, personal development and character improvement. He is entrusted to take classes to all the selected WWS scholars of the college on general topics of interest regarding health aspects.

### **ZOOLOGY ASSOCIATION MEETING**

The Formal inauguration of the Zoology association activities of St. Thomas College Pala 2016 and Invited talk on Ecological History of Western Ghats was carried out on 01-03-2016 in the Library hall. The resource person for the programme was Prof. E Kunhikrishnan (Retd. Head, Department of Zoology, University College, Thiruvananthapuram) who is a well known authority in the biodiversity of Western Ghats. The participants of the invited speech were the Zoology and Botany students of St. Thomas and Alphonsa College Palai.

### **UGC -MINOR PROJECT**

UGC has sanctioned an amount of Rs. 3,25,000/- for conducting a minor project on " Studies on insecticidal property of selected plant extracts" to Dr. Benny P J for the period 2015 to 2017.

### **NSS AWARD**

Mathew Thomas was awarded with Certificate of Appreciation Award for his three years of meritorious service as Programme officer, National Service Scheme by M.G University , Kottayam, during the year 2015- 16.

### **ACADEMIC ASPECTS**

Last year, 43% students cleared the Zoology Core papers. However, due to failure in other subjects, the net pass percentage dropped to 23%. All those students passed has secured A<sup>+</sup> and A grade in all subjects. All the passed students got admission for post graduation in Zoology.

To improve the pass percentage in future, following action plan has been initiated.

1. Weekly class tests conducted
2. Valued answer scripts and mark sheets given to parents, get them signed and taken back.
3. Regularly conducts parents meeting
4. Correction writing for each and every question papers
5. Morning and evening Special classes are taken in addition to regular classes.

6. To create interest and enthusiasm in Zoology, Final year students are incorporated in various Department level projects particularly local biodiversity estimation and monitoring. It includes estimation of spider, insect, fish, bird, reptiles etc. of Meenachil and adjoining Western Ghats area.

## **ANALYSIS OF RESULTS-UG PROGRAMME (2013-2016)**

### **DEPARTMENT OF ZOOLOGY**

Number of students admitted to the UG Programme in 2013: 32

<b>Subject</b>	<b>No. of students Appeared</b>	<b>No. of students Passed</b>	<b>Percentage of Pass</b>
Common Course I (English)	23		
<b>Common Course II (Additional Language)</b>			
1. Malayalam	15	13	87
2. Hindi	4	2	50
3. Syriac	1	1	100
4. German	3	2	66
Core Course [Zoology]	23	10	43
<b>Complementary Courses</b>			
1. Chemistry	9	2	22
Biochemistry	15	9	60
2. Botany	23	8	35
Open Course	24	20	83

Date: 01.11.2016

Head of the Department:



## NEWS LETTER DEPARTMENT OF ECONOMICS 2016-17

### 1. MAJOR EVENTS OF THE YEAR

- Inauguration of Economics Association
- Career Orientation Programme
- Lecture series
- Skill enhancement Programme
- Watch live Budget
- Union & State Budget analysis
- Life Guidance Programme
- Dr. P.J. Thomas Centre Lecture
- Merit day celebrations
- Release of Socio-Economic survey report
- Eco-Fiesta- Inter- collegiate Economic Fest

### 2. SEMINARS, CONFERENCES, WORKSHOPS AND LECTURES ORGANISED

- One day state seminar on “*Demonetisation 2016: Dynamics & Ramifications*” was organized on 22<sup>nd</sup> February 2017. Dr .P.C. Cyriac (Former Additional Chief Secretary, Tamil Nadu) was the chief Guest.
- Lecture series – “*Goods and Service Tax 2016*” was organised on 7<sup>th</sup> September 2016. Sri. T.C. Mathew (senior Associate Editor, Deepika Daily) was the guest of honour.
- Lecture on “*Demonetisation: Intentions and implications*” was delivered by Prof. Alan Zacharia on 10<sup>th</sup> October 2016.
- Dr. P.J. Thomas Centre for Social Science Research organized a lecture on “*Economic history and the Polity in Medieval Kerala*”, delivered by Rev. Dr. Pius Malekkandathil (Professor, Delhi University) on 14 December 2016.
- Union Budget Analysis and competition for students were also conducted on 3<sup>rd</sup> February 2017. Sri. Tom Thomas Thekkel (AGM, Federal bank, Pala) was the guest of honour.
- State Budget Analysis was organized on 6<sup>th</sup> March 2017. The lecture was delivered by Prof. Roberse Thomas and Prof. Trace Benny.
- Inauguration of Economics Association was conducted on 10<sup>th</sup> September 2016. Dr. A. Jose (Member Syndicate, MG University Kottayam) formally inaugurated the function.

### 3. ACADEMIC AND RESEARCH ACTIVITIES BY THE FACULTY

#### **Books Published -**

- Dr. BIJU K.C. published a book titled. – “Micro Finance & Poverty Alleviation: Evidences from Kerala, India”, Lambert Academic Publishing, Germany (2016).

## **Papers published –**

### **Dr. BIJU K.C.**

- “Micro Finance in Kerala: Impact and Emerging Issues”, The Micro Finance Review, Vol. VIII, No. 1, January-June 2016, Bankers Institute for Rural Development, NABARD, Lucknow.
- “Micro Finance Initiatives of the Government and NGOs in Kerala: An Impact Assessment”, Southern Economist, Vol. 55, No. 12, October 15, 2016

### **Prof. Joben K Antony – Workshops attended**

- National workshop on Research Methodology in social sciences organised by Association of Indian universities New Delhi held at Punjab University Chandigarh from 6-12 August 2016.
- 3Day workshop on Research Methodology in social science held at Sree Sankara College, Kalady from 7-9 December 2016.

## **Papers presented –**

- Presented a paper in the International Conference on Triple Bottomline Sustainability organised by DePaul University Chicago and DePaul institute of science and technology, Angamaly from 19-20 December 2016.

### **Prof. Roberse thomas**

- Presented a paper in a National seminar on “Indian fiscal system – fiscal consolidation and inclusive growth” organised by St. George’s College, Aruvithura. The paper titled as “**sustainability of Fiscal Deficit in India**”.

### **Prof. Trace Benny**

- Presented a paper in a National seminar on “Indian fiscal system – fiscal consolidation and inclusive growth” organised by St. George’s College, Aruvithura. The paper titled as “**revenue led fiscal consolidation: Kerala’s way ahead**”

## **Invited Talks-**

- Dr. Biju K.C. delivered a lecture on “GST in India: Intentions and Implications”, at S.V.R.N.S.S. College, Vazhoor on 08/02/17.
4. STUDENTS WELFARE PROGRAMMES, CAREER GUIDANCE
- A career orientation programme was organized on 27<sup>th</sup> June 2016. Prof. Tomy Cherian inaugurated the programme and led the class.

- A Skill Enhancement Programme was organised for I DC students of Economics on 22<sup>nd</sup> September 2016. Sri. Jose K.C. (Certified Language Trainer) was the resource person. This programme is intended to enhance the communication skills of the students in English.

#### 5. OUTREACH PROGRAMMES

- A visit to **Shalom DCMR Special School, Puliyanoor** by all faculties and students was organized on 15<sup>th</sup> July 2016.

#### 6. UNIVERSITY RANK AND UGC – NET HOLDERS

- **MA Examination - UNIVERSITY RANK HOLDERS - 2014-16 Batch**

Name	Position
Gayathri Paul	II
Imajo M Kaviyan	III
Sojo John	IV
Anamika N S	V
Chippymol C S	VIII
Amal Phillip	X

- **UGC – NET QUALIFIERS, JUNE 2016**

GAYATRI PAUL  
UGC/NET

ANAMIKA N S  
UGC/NET

JOSE MON JOY  
UGC/NET

#### 7. OTHER DEPARTMENTAL ACTIVITIES

- A **WATCH LIVE UNION BUDGET – 2017-18** was organized by the Department in the Auditorium on 01/02/2017.
- A State Budget Analysis and competition for students was conducted on 18<sup>th</sup> July 2016.
- Department also organised Christmas Celebration on 17<sup>th</sup> December 2016.
- Department of Economics celebrated **MERIT DAY** on 23<sup>rd</sup> March 2017. Dr Sunny Joseph, principal of the College was the chief guest and distributed the mementos to the University toppers and NET qualifiers.
- The function of releasing socio – economic survey report was conducted on 23<sup>rd</sup> March 2017. Dr. Sunny Joseph, principal of the college released the report. The

survey was undertaken by the department in Pazhukkakanam tribal hamlet in Moonnilavu Panchayat on 3<sup>rd</sup> September 2015.

- Eco – Fiesta: An Inter- Collegiate Economic Fest was organised on 28<sup>th</sup> February 2017. 4 Musics, a music band which is a group of four youngsters, formally inaugurated the fest. The fest includes of quiz, debate and paper presentation competitions.
  - Women's Day Celebration by Faculty and Students was arranged on 8<sup>th</sup> March 2017.

## Department of History

### Academic Audit 2016-17

#### CURRICULAR ASPECTS

- Department conducts open course on Social Implications of Modern Revolutions for the students of other departments.

• Academic Year	No of students participated from other Departments	No of Dept. Involved
2016 - 2017	31	10

• Academic Year	No of students participated to other Departments	No of Dept. Involved
• 2016 - 2017	21	6

#### TEACHING – LEARNING AND EVALUATION

- Teachers are appointed for completing Admission procedure
- For Slow Learners and Absentees we conduct Remedial Coaching.
- Advanced Learners are directed for Scholar Support Programme, Walk with Scholar (2016 -2017 onwards), further reading, Quiz competition etc.
- Analysis of academic performance is done through Class test, internal examinations, model examinations, tutorial etc.
- Technologies and Facilities available and used by the Faculty for Effective teaching
- Use of LCD Projector, Use of Tab & Laptops and Maps and Historical Videos
- Parents Meet. Department has organized Parents meet for IDC (2016 – 2019) batch on 23 August 2016 and for II DC and III DC on 05 September 2016.
- Faculty members

No. of permanent faculty	3	
No. of Guest faculty	5	
No. of Faculty Positions Vacant	5.62	

Prof. Cyriac Jose has presented a paper on “*Accidental discovery of the 17<sup>th</sup> Century Church and the Burials from Sampaloor* in Thrissur District, Kerala” in the International Conference on Archaeology of Burials, organized by the Department of Archaeology, University of Kerala, Kariavattom Campus at Trivandrum from 11 to 13 January 2016.

#### RESEARCH , CONSULTANCY AND EXTENSION

- Dr. James John is the Research Guide of Bharathiar University, Coimbatore and following scholars are pursuing their research under him.

Research Scholar	Topic of Research	Year of Registration	Status
Sony Alias	Cultural and Economic History	1/8/2014	Pursuing
Alias Mathew	Emergence of Rubber Plantation of Kottayam and Ernakulam District of Kerala	1/8/2014	Pursuing
Santhoshamma	Socio Cultural History of J.M J Congregation	1/8/2014	pursuing

- Dr. James John was the member of the PhD Examination Board of Prof. Shajimon T.J of Nirmalagiri College , kannur University.
- Dr. James John was the Chairman of the Adjudication of the PhD thesis of Prof. Shajimon T.J of Nirmalagiri College held on 5, February 2016 at IRISH, Koothuparamba.
- List of Eminent Scholars visited in the Department- (1) Prof. K.S Mathew, Former HOD, History, and Pondicherry Central University (2) Dr. Pius Malekkandathil , Professor, Center for Historical Research , Jawaharlal Nehru University NewDelhi.
- Faculty of the department have membership in various professional academic bodies.
- Dr. James John is the life member of (1) South Indian History Congress, (2) Institute for Research in Social Science and (3) Humanities (IRISH), (4) Asian Christian Faculty Fellowship India Chapter and (5) Church History Association of India.
- Dr. James John is the one of the coordinators of CHAI, South Zone.
- Prof. Cyriac Jose is the life member of Society of South Asian Archaeology (SOSA)
- Seminars and conference organized by the Department.
- Prof. K.S Mathew Former HOD, and Pondicherry Central University have visited the department on 14<sup>th</sup> October 2015 and delivered a talk on “Various Nuances of Maritime History”.
- An Invited talk on Importance of Environmental Conservation and Indian Tradition was organized by the Department of History in collaboration with Heritage Society , Pala on 10 October 2016 at Tissarant Hall. Prof. Mathew Vannisseri was the key speaker. Seminar was inaugurated by Dr. Sunny Joseph, Principal, St. Thomas College, Pala in the presence of Dr. James John, Head of the department and George Joseph Kottukappally, Heritage Society, Pala.
- An Invited talk on Economic history and the polity in Medical Kerala was organized by Dr. P.J Thomas Centre for Social Sciences Research, St. Thomas College, Pala on 14 December 2016 at the Library Hall. Dr. P.J Thomas Centre for Social Sciences Research is a joint venture of the Department of History, Economics, Politics and Commerce. Dr. Pius Malekkandathil , Professor, Center for Historical Research, Jawaharlal Nehru University New Delhi was the key speaker. Seminar was inaugurated by Dr. Sunny Joseph, Principal in the presence of Dr. James John, head of the Department of History, Dr. Joy George, Head of the Department of Economics and Prof. K.V John, Head of the Department of Commerce and faculty and students of various departments.

#### 1. Archaeological Exploration :

- As part of the studies in exploration methods in archaeology B.A Vocational History students have conducted one day field survey in the Kalikavu area near Kuravilangad of Kottayam District on 23<sup>th</sup> January 2016. The exploration has revealed the dolmen of Megalithic period and few burial tombs of medieval period.

#### **INFRASTRUCTURE AND LEARNING RESOURCES**

- There is General Library, Department library and University Study Centre

- Each academic year a considerable number of books are added to the Library.
- An alphabetical list of books available in the Library is kept in the Department.
- Journals subscribing in the General Library for History students.
- Dept Room with a Computer with internet facility, Wi – Fi facility for staff, cupboard 4, Tables 10, Chairs 10, LCD Projector – 1,
- Permanent class room for both P.G and U.G batches.

### **STUDENT SUPPORT AND PROGRESSION**

Result of University Examinations

P.G 2014-2016 Batch	Total Appeared	Passed	Pass %
Semester I	15	15	100
Semester II	15	15	100
Semester III	15	15	100

U.G BATCH		Total Appeared	Passed	Pass %
2014-2017	Semester I	25	12	48
	Semester II	23	5	22
	Semester III	21	8	38
2015 - 2018	Semester I	21	12	57

Students progression U.G to P.G

Academic year	Total Appeared	Pass %	U.G to P.G Progression
2012 - 2015	15	93/14 students	7 students
1	Akhil Sathyan	M.A History, Kerala University, Karyavattom	
2	Azad A.J	M.A History, M.G University, Kottayam	
3	Dany Varghese	M.A History, N.S.S College, Changanassery	
4	Joji Mathew	M.A History, C.M.S College , Kottayam	
5	Kiran V.S	M.A History, M.g University, Kottayam	
6	Mis Ab M.K	M.A History, Pondicherry Central University M.A Archeology, Kerala University	
7	Vishnu Sureendran		

Academic year	Total Appeared	Pass %	U.G to P.G Progression
2013 - 2016	23	13/3 students	2 students
1	Anandhu V	M.A History , M.G University ,Kottayam	
2	Liji George	M.A History, IGNOU , Delhi	

Students progression to P.G to B Ed.

Academic year	Total Appeared	Pass %	U.G to P.G Progression
2014 – 2016 P.G Batch	15	100%	3 students
1	Tinto George	B Ed., St. Joseph's College, Mannanam	
2	Manju K Mathew	B.Ed., M.G University Teacher Education, Thodupuzha	
3	Bibitha Varghese	B.Ed., M.G University Teacher Education, Thodupuzha	

#### •Students Achievements

1. Sreehari K.K (Class No 701, III DC) on being selected as the best Libero in both South Zone and National Inter – university Volleyball Championship held at St. Thomas College Pala from 2 to 12 December 2016.
2. Maheen K.S of III DC (Class No 691) has participated. He has passed B certificate (A Grade) of N.C.C Army Examination held in 2016 under the authority of Ministry of Defence, Govt. Of India.

#### • Study tours

1. As part of the studies in excavation and exploration methods in Archaeology I DC history students have visited Muziris Heritage sites on 20<sup>th</sup> February 2016 along with Professor Cyriac Jose. Muziris Heritage Project (MHP) is a heritage project funded by UNESCO, Central Government and State Government of Kerala to conserve the rich cultural heritage of Kerala. The project includes archaeological sites, monuments and the museums under MHP.
2. Department of History has organized a study tour programme to Delhi and Agra for II PG students from 13 to 21 March 2016 under the guidance Dr. James John, Head of the Department and Sr. Tessy, Department of Hindi.
3. As part of the studies in Museology, II year B.A vocational history students (17. Nos) have visited various Museums like Folklore Museum Thevara, Indo – Portuguese Museum, Southern Naval Command Maritime Museum, Fort Cochin and Dutch Palace Museum, Mattancherry on 4<sup>th</sup> August 2016 under the guidance of Prof. Cyriac Jose of the department of History.

#### • History Association 2016 - 2017

\* Formal welcome to I D C students on 23 August 2016

\* Onam Celebrations



\* Sreehari K.K (Class No 701 , III DC) on being selected as the best Libero in both South Zone and National Inter – university Volleyball Championship held at St. Thomas College Pala was felicitated and was given a memento and cash prize of Rs 5000 in a congratulatory meeting organized by the History Association. Manoj S., Coach, who was behind his success, was also honoured in the meeting presided over by Dr. Sunny Joseph, the Principal, St. Thomas College Pala. Dr. James John, Head of the Department, faculty members and students felicitated them in the gathering.

\*Orientation programme and parents meet was organized by the department for U.G Batches

### **GOVERNANCE LEADERSHIP AND MANAGEMENT**

- Teachers are appointed for completing Admission procedure

<b><u>B.A Vocational History</u></b>		
SI. NO.	Academic Year	Name of the teacher in charge
1	2015 -2016	Cyriac Jose
2	2016 - 2017	Manesh Varghese John
<b><u>M.A History</u></b>		
1	2015 - 2016	Manesh Varghese John
2	2016 - 2017	Manesh Varghese John

- Department has own feedback and evaluation Performa
- Work Book of teacher in the department
- Class Tutors are appointed in the beginning of the academic year

<b>List of Class Tutors – Department of History</b>		
2016 -2017	IDC	Cyriac Jose
	II DC	Mithy K.M
	III DC	Libin Francis
	I PG	Manesh Varghese John
	II PG	Dr. James John

### **INNOVATIONS AND BEST PRACTICES**

- Vocational training for U.G students in Archaeology and Museology at Hill Palace, Thripunithura during the fifth semester
- Department Library (98 Books as on 21/12/2016)
- Conducting field works and study tours
- Maintain Heritage Museum
- A complete list of history books in the college library available for students
- Department Maintains Chronicles
- Chronicles maintenance by all classes
- NET coaching for paper I, to P.G students.

# ST THOMAS COLLEGE, PALAI

## DEPARTMENT OF HISTORY

### ANNUAL REPORT 2016-2017

Ten days 'On the Job Training Programme' in Archaeology and Museology is given to III DC students at the Centre for Historical Studies, Hill Palace Museum, Thripunithura in collaboration with Centre for Heritage Studies, Department of Cultural Affairs, Govt. of Kerala from 7<sup>th</sup> to 17<sup>th</sup> June 2017.

Dr. C.C. Joseph, Christ University Bangalore had visited the department and delivered a talk on Developments in Annals Historiography on 17<sup>th</sup> October 2017. Dr. Cyriac Jose has participated in the UGC Sponsored Refresher Course in Human Rights(Interdisciplinary)conducted by the UGC-Human Resource Development Centre, University of Kerala, Trivandrum from 13<sup>th</sup> June to 3rd July 2017. Dr. James John participated in the Annual Workshop on The Changing Parameters of Quality Assessment in Higher Education held at TKM College for Arts and Science, Kollam on 25 November 2017. Dr. Cyriac Jose participated in the International Workshop on Remote Sensing and Geographical Information System in Archaeology conducted by the Department of Archaeology, University of Kerala, Trivandrum during 01-07 December 2017.

Dr. James John participated in the regional seminar on The Last Sixty Years of Kerala: History and Culture organized by the Postgraduate Department of History, Henry Baker College, Melukavu on 20th November 2017. Dr. Cyriac Jose participated in the International Seminar on 'The Portuguese in the Indian Ocean Regions with Special Reference to the Malabar Coast (1500-1663)' held at St. Thomas College, Pala on 2nd February 2018. Manesh Varghese John participated in the regional seminar on The Last Sixty Years of Kerala: History and Culture organized by the Postgraduate Department of History, Henry Baker College, Melukavu on 20th November 2017. Manesh Varghese John participated in the International Seminar on 'The Portuguese in the Indian Ocean Regions with Special Reference to the Malabar Coast (1500-1663)' held at St. Thomas College, Pala on 2nd February 2018. Cyriac Jose had submitted his PhD thesis on Cultural Landscape and

Architecture of Medieval Churches of Kerala on 18<sup>th</sup> April 2017 and was awarded the degree on 03<sup>rd</sup> January 2018 from Deccan College Post Graduate and Research Institute, Pune.

Dr. James John, "The Socio-cultural Traits of the Nazranis in the Sixteenth Century Malabar" in Journal of the Institute for Research in Social Sciences and Humanities, Vol. 10, Number 1&2, January-December 2015, pp. 45-56. Dr. James John, "A Historical Survey of the Local Rulers of Poonjar" in Mirror, Vol.7, No. 3A, December 2017, pp. 158-163. Cyriac Jose and R.K Mohanty.2017. Antiquity of Christianity in India with special reference of South Central Kerala in Heritage: Multidisciplinary Studies in Archaeology, 5:100-139. Cyriac Jose.2018. Mural Art: Recent findings and Interpretations on Church Murals in the South Central Kerala, Sahapedia online Journal (Accepted). Dr. James John presented a research paper on the "Status of the Nazrani Women and the Portuguese during the Sixteenth Century Malabar" in the International Seminar on 'the St. Thomas Christians through the Ages: a Historiographical Approach' held at Mannanam from 30<sup>th</sup> January to 1<sup>st</sup> February 2018.

Dr. James John presented a research article on the "Portuguese and the Position of Women in Malabar during 16<sup>th</sup> Century" in the International Seminar on 'the Portuguese in the Indian Ocean Regions with Special Reference to the Malabar Coast (1500-1663)' held at St. Thomas College, Palai on 2<sup>nd</sup> February 2018. Dr. Cyriac Jose presented a research paper on The Cultural Heritage of Kerala with Special Reference to Archaeological Sources in the National Seminar on Cultural Heritage of Kerala held at K.E College, Mannanam on 20<sup>th</sup> March 2018. Manesh Varghese John presented a paper in the ICSSR sponsored National Seminar on Miscegenation and Anthropobia in Idukki District; a Historic Discourse held at Newman College, Thodupuzha on 16 and 17 January 2018.

II M.A. History students had gone for a study tour to Delhi and Agra under the guidance of Dr. James John and Ms. Srilakshmi Radhakrishnan from 18<sup>th</sup> to 26 February 2018. III DC Vocational History students had gone for a study tour to the World Heritage Sites in Old Goa under the guidance of Dr. Cyriac Jose from 19<sup>th</sup> to 22<sup>nd</sup> January 2018.

UGC Net Coaching for Paper I. Field oriented classes and training Programme for Archaeology and Museology students. Maintains a Heritage Museum

## **ACADEMIC REPORT- BA COMM. ENGLISH 2016-2017**

### **Total strength of students -89**

III DC -26

II DC -30

I DC -33

### **Teachers in charge of classes**

- Prof. JOSEPH MATHEW -III DC
- Prof. V.O. CHUMMAR -II DC
- Mrs. JOSIT MARIYA -I DC

### **Remedial Teaching**

1. Prof. TOM K. VARGHESE
2. Prof. THOMAS JACOB

### **ACHIEVEMENTS**

MINNA ELSA JOSE got 'A' grade for Light Music in the University Youth Festival.  
SWATI S.P. won first prize for the intercollegiate essay writing competition.

### **ONAM AND X'MAS CELEBRATIONS**

Onam celebration with grand Sadya. Students conducted various games also. But Christmas was celebrated with a small function.

### **Media Visit**

IIIDC students had their media visit in Malayala Manorama Aroor.

### **TOUR**

The final year students were taken to two day study tour to Wayanadu as part of their course in Travel and Tourism in the 6<sup>th</sup> semester.

We are always in contact with parents and collected feedback from both parents and students.  
We arranged cultural day for exploring the hidden talents of our students.

# **Department of Political Science**

## **St. Thomas College, Palai**

### **A Brief Profile:**

The Research and Post Graduate Department of Political Science is one of the premier departments in the state of Kerala. It has brought enlightenment and broadened the academic and cultural sphere of all who have ventured to step into its premises. The department has set a glorious record of enviable achievements both in curricular and co-curricular activities.

Year of Establishment	1950
Beginning of intermediate Course	1950
Beginning of U.G. Course	1955
Beginning of P.G. Course	1959
Recognized as a Research Department	1986

### **Report as per Seven Criteria:**

#### **1. CURRICULAR ASPECTS**

- The faculty as members of the Board of Studies of different Universities.  
Dr. Shajimon K Mathews and Fr. Mathew Kurian – P.G. Board, M.G. University.  
Dr. Shajimon K Mathews - P.G. Board, Kannur University.  
Dr. Shajimon K Mathews– U.G. Board, M.G. University.

#### **2. TEACHING, LEARNING & EVALUATION**

- ICT Methods in III DC and PG classes
- Smart Class Room- III DC
- Invited Lectures - 10
- Faculty as participants in workshops/seminars/ conferences - 22
- UGC NET coaching for PG students
- Invited lectures for the promotion of ethics and human values. UGC has sponsored Rs. 100000/-.
- Foundation Course on Human Rights. UGC granted Rs. 250000/-.

### 3. RESEARCH, CONSULTANCY AND EXTENSION

- Research Guides- 2
- Ph.D. Holders in the Department- 4
- Research Scholars-16
- **Research Recognition**

Name	Faculty / research fellow	Award/ recognition
Tinchu P James	Faculty	M Phil
Sijo K. Manuel	Faculty	Ph.D

- Publications by the faculty in peer reviewed national/ international journals- 3
- **Invited Lectures – 10**
- **Details of activities: 2016-2017**

Title of the conference / Seminar	Topic	Sponsoring agency	Dates
Dr. Sanal Mohan Anish R.	Contemporary Politics and Questions of Ethical Citizenship	DO	12-8- 2016
Shri. Sunny M Kapikad, Dalit scholar and writer	. -Critical reflections on recent concerns in Indian nationalism: A Dalit perspective	DO	30-9-2016
Dr. Vijesh TP, Asst. Prof, NSS College Ottapalam	-Nationalism, religion & politics in India: contemporary debates	DO	30-9-2016
Bennyamin (Writer)	-Migration and Malayali Diaspora	DO	27-10-2016
Saji Markose	-No Human is Illegal	DO	27-10-2016
Dr. Ligimol P Jacob Asst. Prof., School of	Forth Estate and Human Rights	DO	2-11-2016

Journalism and Communication, M.G. University			
Sheetal Syam ( LGBT Activist) & Dr. Jijo Kuriakose (Queerla	Redefining Gender Notions of Sexuality, Sexual Orientation and Gender Identity	DO	30 - 01 - 2017
Prof. M. T. Tharian Endowment Lecture 2017: Shri. K.M. Mani M.L.A	Union Budget, Demonetizations and the Impact on Cooperative Sector	DO	16 - 02 - 2017
Irom Sharmila Chanu	Interaction with Student Community: ASPSA and Civil Rights	DO	23 - 03 - 2017

#### 4. INFRASTRUCTURE & LEARNING RESOURCES

- Smart Class Room- III DC
- ICT Methods in III DC and PG classes- interactive board, green board, LCD projector, projection screens and broadband connection

#### 5. STUDENT SUPPORT AND PROGRESSION

- Endowment scholarships and cash awards instituted by the department- 4
- University Ranks -2
- **University Examination Result**

Year	Students Enrolled(UG)	Pass Percentage (UG)	Students Enrolled(PG)	Pass Percentage(PG)
2015-16	48	23.5 Political Science (89.5)	23	94

➤ **List of Research Scholars -- Awarded PhD (2016 - 17) from the department: 3**

<b>Name</b>	<b>Topic</b>	<b>Guide</b>	<b>Year</b>
<b>Jobin T Johny</b>	<i>"Empowerment and Development in the LakshamVeedu Colonies of Kerala: A case study of Kottayam District".</i>	<b>Dr.Stany Thomas</b>	<b>2016</b>
<b>Manoj Kumar</b>	<i>"The Politics of Environmental Governance – A Case Study of Western Ghats Region of Idukki District"</i>	<b>Dr.Stany Thomas</b>	<b>2016</b>
<b>Madhusudhanan B</b>	<i>Government to Business Interaction Through E Governance in Kerala</i>	<b>Dr. P M Thomas</b>	<b>2016</b>

- UGC NET Holders- 1 : Jayakrishnan R
- **Outreach Programme:** PG students and teachers visited Shalom DCMR School for Mentally Retarded Children on 23 – 03 – 2017; spent a day with the inmates.

**6. GOVERNANCE AND LEADERSHIP**

- Regular meeting of the faculty at department level
- Participation in orientation /refresher courses-

**7. INNOVATIVE PRACTICES**

- Invited Lectures on Contemporary Social Issues
- UGC sponsored invited lectures for the promotion of ethics and human values.
- Foundation Course on Human Rights
- Soft skill training



**ANNUAL ACADEMIC PRESENTATION 2016-2017**  
**Department of Vocational Education**  
**St. Thomas College Palai**

**CRITERION I: CURRICULAR ASPECTS**

**1.1 Department Profile**

Vocational education is education that prepares people to work in a trade, a craft, as a technician, or in professional vocations such as engineering, accountancy, nursing, medicine, architecture, or law. Vocational education Prepares learners for jobs that are based in manual or practical activities, traditionally non-academic and totally related to a specific trade, occupation or vocation, hence the term, in which the learner participates. Craft vocations are usually based on manual or practical activities and are traditionally non-academic but related to a specific trade or occupation. Vocational education is sometimes referred to as career education or technical education.

The vocational courses established in the year 2014 and the courses Started on 01-12-2014. The department offers the following degree & Diploma programs.

***COURSES OFFERED:***

❖ *Under B.Voc. Degree Programme:*

(Government Approval Date:13-08-2014)

- B.Voc degree in Sustainable Agriculture
- B.Voc degree in Food Processing Technology

❖ *Under Community College Scheme:*

(Government Approval Date:08-09-2014)

- Diploma in Renewable Energy
- Diploma in Hardware & Networking Maintenance.

**1.2 Our Courses are purely based on SKILL INDIA Development**

- NATIONAL SKILL DEVELOPMENT CORPORATION(NSDC)
- SECTOR SKILL COUNCIL (SSC)
- Agriculture sector
- Food Processing Sector
- Electronics Sector
- National Skill Qualification Frame Work (NSQF) levels
- NSQF level 5- Diploma
- NSQF level 6- Advanced Diploma
- NSQF level 7- B.Voc.

**1.3 Curriculum Alignment**

- Curriculum is aligned according to industry requirements.
- Apart from university examination, Sector skill assessment is conducted for awarding certificates of Diploma, Advanced Diploma & Degree.
- Equal importance is given to theoretical aspects & practical aspects in the curriculum

#### 1.4 Students Enrolment Details

In Community College:

Year	Course	No. of Students
2016-17	HNM	20
	RE	13

In B.Voc Degree:

Year	Course	No. of Students
2016-17	SA	46
	FPT	49

#### 1.5 Curricular Activities

- Students are Enlightened on the Various Methods of Cultivation & Harvesting.
- Students are Intensively Trained in Hardware & Networking.
- House Wiring Procedures are familiarized.
- Students are trained in Food Processing
- Variety of fusion dishes are introduced to the Students
- The Science of Food is explored in the Food Chemistry Lab
- Hands on experience and guidance is given to the Students in Sustainable Crop Development
- Students are trained in the preparation and Application of Bio-fertilizers
- Students are trained in Solar Panel Testing & Installation

#### 1.6 Curricular Development Meetings by UGC

Our Faculty attended the meetings held at:

- University of Pondicherry
- St. Mary's College, Thrissur
- Layola College, Chennai
- Meeting organized by ASAP
- UGC review meeting New Delhi

### CRITERION 2: TEACHING, LEARNING AND EVALUATION

#### 2.1 Our Faculty & Staff Details:

B.Voc. Sustainable Agriculture

Name of the Faculty	Educational Qualifications/Experience
Mr. M.S Jayaprasad, Nodal Officer	Asst. Director of agriculture (Retd.)
Dr. Lini L Alappat	MSc Agri, MBA, Ph.D.
Dr. Sini Thomas K	MSc, Agri., Ph.D.
Mrs. Renu Mathew	MSc. Hort.
Mrs. Roshan Joseph	Bsc. Agri., MBA

### B.Voc. Food Processing Technology

Name of the Faculty	Educational Qualifications
Mrs. Jovancy Mathew	MSc. Food & Nutrition, MBA
Mrs. Minu Abraham	MSc. Food Processing Technology
Mrs. Jinu T Jose	MSc. Food Science & Technology
Mrs. Gisha T Mathew	MSc. Food & Nutrition

### Community College Scheme

Name of the Faculty	Educational Qualifications/Post
Mr. Arun P.M	Diploma, B.Tech., M.E. in Embedded Systems
Mr. Jibin Joseph	B.Tech., M.E. in Power System Engineering
Mrs. MesilyCyriac	B.Sc., MCA
Mr. Sebastian George	Lab Assistant
Mr. Sojimon Joseph	Lab Assistant

### 2.2 Result Analysis

- M.G. University results of our first batch SA & FPT  
More than 85 % of the students passed in all subjects in the first chance.
- Results of SSC Assessment
- NSQF level 4&5 assessment (DIPLOMA)  
*Under B.Voc. Degree Programme:*
  - B.Voc degree in Sustainable Agriculture- 100 %
  - B.Voc degree in Food Processing Technology- 100%*Under Community College Scheme:*
  - Diploma in Renewable Energy- 100%
  - Diploma in Hardware & Networking Maintenance- 99%

### CRITERION 3: CONSULTANCY AND EXTENSION

#### 3.1 Department Provides Consultancy in Organic Farming& Computer hardware assembly

#### 3.2 Industry - Institute Interaction

Our Industry Partners:

- Omega Systems Pvt. Ltd.
  - Microtracks Industries
  - Velox Innovations
  - IPSR Solutions Pvt. Ltd.
- We have following Industry linkages:
- Alleppey Latex
  - Kuttiyankal Nursery and Gardens
  - Pala Marketing Cooperative Society (INDIAR)
  - Agro Bio-tech Research Centre Ltd. Industrial Area
  - KISCO,Pala
  - Pala Social Welfare Society.Pala
  - Vayalil Spices

## CRITERION 4: INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 Department Facilities

Laboratories	Field/ facilities
Food processing lab	Agricultural Field
Food chemistry lab	Crop Museum
Basic Microbiology lab	Rain Shelter
Dairy Technology lab	Vermicompost
Plant Pathology lab	Coir Pith Compost
Agricultural entomology lab	Azolla Development
Agronomy lab	
Hardware Lab	
Electrical & Electronics Workshop	

**We have an 8 KVA sine wave inverter for the continuity in supply. Which will support us for the uninterrupted running of our department activities(Especially for smart classrooms & Lab)**

### 4.2 Learning Resources

- ❖ Department Library
  - No of Titles: 90 No of Volumes: 260
- ❖ Department Computer Centre
  - Number of nodes: 11
- ❖ Smart Classrooms:
  - Two LCD projector

### 4.3 Protected Cultivation- Rain Shelter

Rain shelters are designed for vegetable cultivation (with wick & Drip irrigation) and seedling production

### 4.4 Recently Procured Equipments(2016-17)

Sl. No.	Item Procured	Date	Item Cost (Rs.)
1.	Water Purifier	18-07-2016	8400/-
2.	Microscope, Boiling Tube	27-07-2016	16,509/-
3.	Microscope CLX LED	31-14-2016	94,425/-
4.	Kemi water bath	11-01-2017	15,006
5.	Kemi Autolave	11-01-2017	48,228
6.	Kemi Incubator Memmert	11-01-2017	23,253
7.	Kemi Laminar Vertical SS	11-01-2017	73,500
8.	Kemi Muffle furnace	11-01-2017	20,528

## CRITERION 5: STUDENT SUPPORT AND PROGRESSION

### 5.1 We provide training for skilled works

- Creating skilled persons for our community, like solar panel technician and Electricians, Field technician etc.
- We are giving Practice For:
  - Coconut Tree Climbing
  - Rubber Tapping
  - House Wiring etc.

### 5.2 Placements & Progression

- Two students (Akhil Baby & Haripriya Sukumaran) of B.Voc Sustainable Agriculture have been Placed in Plant Rich a bio-pesticide Company.
- Also Aneesha Benny of FPT got placed.
- 60% of our students of Diploma (RE & HNM) are placed in Various Industries
- Remaining students opted for higher studies.
- Sector Skill Council (SSC) conducted assessments for National Skill Qualification Frame work (NSQF) Level 5 for all batches and all students were qualified for diploma.

### 5.2 Placements & Progression

- Rahul Dev (B.Voc. I DC FPT) - Mr. Kottayam in Body building.
- Vibin Raj (B.Voc. I DC FPT) - Runner Up in all Kerala kabbadi Tournament & got 4th place in all Kerala power lifting championship.
- *Students participated in inter college quiz competition in CMS college Kottayam*

## CRITERION 6: INNOVATIONS AND BEST PRACTICES

### 6.1 Best Practices

- **We are making solar powered Lantern: It's a Renewable Development.**

### 6.2 Industrial Visits & Trainings Provided

B.Voc DEGREE	Community College
<ul style="list-style-type: none"> <li>➤ Industrial Training Provided by                             <ul style="list-style-type: none"> <li>▪ CococolaBangaluru</li> <li>▪ MPI (Meat Products of India) Koothattukulam</li> <li>▪ Agro Food Industries , Vazhakulam</li> <li>▪ Dairy Training ,Kottayam</li> <li>▪ Kerala Agro Fruit Products ,Kollam</li> <li>▪ Orkid bakes ,Thrissur</li> <li>▪ Royal Malabar Foods ,Edappally</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>➤ Industrial Training Provided by                             <ul style="list-style-type: none"> <li>▪ Omega Systems Pvt. Ltd.</li> <li>▪ Velox Innovations</li> <li>▪ IPSR Solutions Pvt. Ltd.</li> <li>▪ Poweron Industries</li> <li>▪ <i>Grèen Signals.</i></li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>➤ Industrial Training/Visits:                             <ul style="list-style-type: none"> <li>▪ Regional Agriculture Research Station Kumarakom</li> <li>▪ District Agricultural Farm, Kozha</li> <li>▪ Home grown Nursery.</li> <li>▪ Agro bio-tech research centre, Kottayam</li> <li>▪ Jyes farm, Neendoor.</li> </ul> </li> </ul>	

- Orientation Program for soft skill development (for students) was provided to make them competent enough to adjust for various industrial requirements.

### STRENGTH WEAKNESS OPPORTUNITIES CHALLENGES

<p>Our Strength</p> <ul style="list-style-type: none"> <li>▪ Well qualified faculties</li> <li>▪ Well equipped lab for Food Chemistry &amp; Food Processing</li> </ul>	<p>Weakness</p> <ul style="list-style-type: none"> <li>▪ Insufficient class rooms</li> <li>▪ Insufficient rooms for setting lab</li> <li>▪ Insufficient land for agricultural field works</li> </ul>
<p>Opportunities</p> <ul style="list-style-type: none"> <li>▪ Vocational students can become entrepreneurs &amp; utilize various Govt. funds.</li> <li>▪ From 2020 onwards the job positions in central govt. and public sector institutions will be solely based on NSQF levels.</li> <li>▪ Vertical mobility for VHSE students.</li> <li>▪ Creating skilled persons for our community, like solar panel technician and Electricians, Field technician etc.</li> </ul>	<p>Challenges</p> <ul style="list-style-type: none"> <li>▪ UGC has not released the sanctioned grant in full, so the setting up of the lab was not completed.</li> </ul>

### FUTURE PLANS OF OUR DEPARTMENT

- Setting up of a sales unit for seedling sale and organic farming related products.
- **We are planning to make the solar lanterns in large scale.**
- Apply for M.Voc. Courses
- We would like to modify the syllabus as per the industry requirements.
- Minimum qualification preferred for students admission is plus 2 science .It will be convenient, if students from various streams can apply for the course (Renewable Energy), as many enquiries are received from various streams.

# Research and Postgraduate Department of Commerce

## Criterion 1: CURRICULAR ASPECTS

- **Vision:** "To be a centre of excellence in business studies by upholding moral and ethical values"
- **Mission:** Mission Statement
- **Programmes:** Ph.D., M.Com., B.Com., UGC Sponsored Add-on Course and CA-CPT Oral Coaching
- **Curriculum Planning:** Academic Calendar
- **Faculty contribution to curriculum:** Chairman - PG Board; Host Department for Syllabus Revision workshop for M.Com (CSS) & Cent percent participation in Curriculum design and revision; Two Co-opted Experts for syllabus revision for M.Com (CSS) & B.Com (CBCSS).
- **Operationalization of curriculum:** UGC sponsored Three Day National Workshop on Research Methodology for Commerce, Management & Economics on 16 - 18 Sept. 2015; Prof. K Philip John Memorial Endowment Lecture and Business Plan Presentation Contest on Value Addition in Agro and Diary Products on 29 Jan.2016 and Discussions on Effect of Demonetization.
- **Academic Flexibility:** Open course (10 disciplines), UGC approved Career oriented Add on programme "Financial Accounting using Tally" and ICAI Accredited CA-CPT oral coaching
- **Academic Linkage:** Accreditation from ICAI, Collaboration with VFPC and MoUs with KISCO Bank Pala and Mamparambil Group of Institutions.
- **Industrial interaction:** Industrial Visits, Expert Seminars and Invited talks.
- **Value Education:** 24 sessions of value education under Faculty of Religion
- **Internal Evaluation:** Apart from university system, effective methods are used.
- **Feedback:** Formal feedback system for regular updates of feedback
- **ICT enabled classes:** 2677 Hours of ICT aided classes.

## Criterion 2: TEACHING, LEARNING AND EVALUATION

- **Catering to Student Diversity:** Entry level examination followed by bridge course, Add-on course, etc.
- **Remedial classes** : 53 Hours
- **Additional classes** : 412 Hours
- **Women empowerment:** Mission Parivarthan
- **Challenging advanced learners:** Bizthom (Business Quiz Club), Walk with a Scholar and Research club.
- **Drop out ratio:** Negligible
- **Student centric learning:** Assignments, Seminars, Group Discussions, Peer Teaching, Cross Teaching, Project works, etc.
- **Academic & Psycho-social support:** Tutorial system, Mentor for lady students, etc.
- **Faculty:** Permanent – 8, With Ph.D. – 3, With M.Phil – 2, Pursuing Ph.D. – 5, Ad-hoc – 1
- **Faculty Development:** Orientation course – 2, Refresher course – 2
- **Research Conferences:** Resource person – 12, Paper presented International – 01, National – 01, Participated – 23
- **Teacher Quality:** Ph.D. awarded - Dr. Tejil Thomas Ph.D. Guideship - Dr. Babu Jose

## We are Special with...

- > Commerce Forum
- > Bizthom (Business Quiz Club)
- > Research Club
- > Centre for Academic Social Responsibility (CASR)
- > Financial Literacy Cell
- > Students' Self Support Scheme (SSSS)
- > Mission Parivarthan
- > Mission Sampoorna
- > Mission 'Aragya'
- > Bridge Course
- > Know Your Student @ Home (KYS@Home)
- > Parent Teacher Student Association (PTSA)
- > Prof. K. Philip John Memorial Endowment Lecture

University Results			
B.Com		M.Com	
Year	Pass %	Year	Pass %
2015	87.0	2015	72.0
2016	86.0	2016	--

Results of Other Courses			
CA-CPT		Add-On	
Year	Pass %	Year	Pass %
2015	30.0	2015	100.0
2016	60.0	2016	100.0

### Criterion 3: RESEARCH, CONSULTANCY AND EXTENSION

- **Research promotion:** Research club, Orientation programmes for PG & UG, workshops, etc.
- **Resource Mobilization:** 1 Major project (Running), 2 Minor Project (Completed) and 2 Minor projects (Running) - Rs. 7.37 lakhs.
- **Researchers:** 6 Research guides and 31 research scholars
- **2 Ph.Ds produced and 20 NET/JRF holders during 2015-17**
- **Ph.D. course work** handled by faculty since 2014
- **Publications:** Journal (Peer Reviewed/Refereed) – International - 7
- **Centre for Academic Social Responsibility (CASR)** for extension programmes.
- **Financial Literacy & Consultancy Cell with the support of RBI and SBI**
- **Blood Donors' Forum:** About 150 donors per year; 75% of B.Com students donate blood
- **Prof. K. Philip John Memorial Academic Foundation**
- **IGNOU Study Centre** is coordinated by faculty from Department
- Collaborations with ICAI, KISCO Bank, VFPC and Mamparabil Group of Companies
- Presence of University Study Centre with INFLIBNET
  - Faculty is awarded with membership in Flair Programme, an initiative of the Govt. of India

#### Vision

*“To be a centre of excellence in business studies by upholding moral and ethical values”*

### Criterion 4: INFRASTRUCTURE AND LEARNING RESOURCES

- **One faculty room and five renovated and refurbished class rooms**
- **Desktop computers and L.C.D projectors** for each class and Wi-Fi internet facility
- **Buzzer System** for Quiz Programmes
- **Digital Camera** for Documentation of activities
- **Locker facility** for students in class rooms, for teachers in the faculty room
- **Portable Public Address System (2016)**
- **Commerce related books:**
  - College Library - 6690
  - University Study Centre - 615
  - Department Library - 103
- **Subscription** to 23 print Journals/ Magazines and e-journals
- Access to [www.inflibnet.ac.in](http://www.inflibnet.ac.in) e-journals
- [www.nlist.inflibnet.ac.in](http://www.nlist.inflibnet.ac.in) personal password to all PG students

### Criterion 5: STUDENT SUPPORT AND PROGRESSION

- **Academic Achievements:**
  1. Research Paper presentation by Dr. Babu Jose and Suresh TS (M. Com 2015-16) at Indian Institute of Management Ahmedabad
  2. Best Project Presentation Award - Alphin T. Kallani (M. Com 2015-16) at St. Peter's College, Kolancherry
  3. Best Paper Presentation Award - Mrs Nisha Anna John (M. Com 2016-17) at Marian College, Kuttikkanam
- **Remarkable Achievements in Sports**
- **Student Support:**

*Academic Calendar, Tutorial System, Students' Personal Data Card, Students' Self Support Scheme (SSSS), Know Your Student (KYS) @ Home, Mission Sampoorna, Mission Parivartan, Mission Arogya, Career and placement cell, Scholarships and Entrepreneurship Development club, Parent Teacher Student Association (PTSA) & Lady Mentor for Women students.*
- Support from St. Thomas College Alumni Association (STCCAA) – regd.
- **Commerce Forum:** Seminars, Celebrations, Com Arena, Com Avid, Com Nox and many more...

Career and Placement Support (Campus Recruitments)			Scholarships & Fee Concessions		Prize Money	
Year	2014 - 2017		Year	Amount	Year	Amount
Degree	M. Com	B. Com				
No. of Students	3	14	2015-16	9,23,700	2015-16	3,13,000
			2016-17	9,88,100	2016-17	--



## Criterion 6: GOVERNANCE AND LEADERSHIP

- Teachers of the department hold **important responsibilities in the college and in the University.**
- Department's planning and smooth functioning is facilitated by the **large number of meetings** (22 meetings during 2015-2017) which have been serious brainstorming sessions.
- **Contributions to Internal Quality Assurance efforts of the college** - Member, College Council; Member - IQAC; etc.
- **Resource Mobilization:** Through Com Arena, Research Projects, Add-On Course - Rs. 25.97 Lakhs
- **Classrooms renovated** at the initiative of the department with the support of Management, Teachers, Students, Parents and Alumni costing more than 8.91 Lakhs.

### In Pursuit of Excellence



## Criterion 7: INNOVATIONS AND BEST PRACTICES

- **Mission Sampoorna**
  - PTSA (Parent- Teacher -Student- Association)
  - Entry level exam
  - Bridge Course
  - Remedial Coaching
- **Mission Parivarthan** – Integrated Women Empowerment Programme
- **Mission Arogya**
- **Academic Calendar** (Year plan)
- **Research Club**
- **Centre for Academic Social Responsibility (CASR)**
  - Financial Literacy Cell
- **Students Self Support Scheme (SSSS)**
- **Know Your Student @ Home (KYS@Home)**
- **Finishing School**
- **Soft skill and Personality Development Programmes**
- **Self Reliance** by resource mobilization for co-curricular and development activities with the cooperation of the Alumni and Parents
- **Chronicle preparation**

### FUTURE PLANS

- Cent percent Faculty with Ph.D (target year 2020)
- Commerce Laboratory (target year 2018)
- M.Phil Programme (target year 2018)
- Researchers' Chamber (target year 2017)
- Well-established implementation of
  - **Mission Arogya** (target year 2017)
  - **Financial Literacy Mission** (target year 2017)

### Mission

1. *Empowering the learners with knowledge and awareness of current developments in the fields of commerce and industry.*
2. *Promoting entrepreneurial and organizational skills among students.*
3. *Enhancing the employability of students and moulding them globally competent through industry exposure.*
4. *Overall development of the personality of students through leadership training, soft skills development programmes and value education.*
5. *Promoting professional competency among students and providing them with proper career orientation.*
6. *Providing guidance and counselling for higher studies and research.*
7. *Uplift of slow learners through remedial classes and tutorial system.*
8. *Accelerating innovativeness in the fields of commerce and industry through significant research contribution*
9. *Assisting the students in developing a sense of social consciousness, responsible citizenship, environment protection, personal worth and concern for fellow beings.*
10. *Imparting moral and religious discipline by fostering faith in God, love for fellow-men and devotion to motherland in young minds irrespective of caste, creed, religion or language.*

## Faculty Profile at a glance

Sl. No.	Name & Designation	Qualification and University	Date of joining	Duties held in the University/ College / Department
1	Dr. Sunny Joseph Associate Professor	M.Com (Madras University) Ph.D. (M.G. University)	19/02/1983	Principal Chairman, Board of studies (PG), M.G. University Member, Board of Examiners for Ph.D., Bharatidasan University
2	K. V. John Associate Professor	M.Com (M.G. University) PGDPD (Pune University)	12/07/1988	Head of the Department; Member – College Council Coordinator, Admissions; Department Treasurer, Coordinator, SSSS; Tutor – I & III B.Com
3	Bobby Simon Assistant Professor	M.Com (M.G. University) M.Phil. (Kerala University)	06/11/2008	Director, Commerce Forum; Class teacher, I M.Com
4	Dr. Tejil Thomas Assistant Professor	M.Com (Calicut University) Ph.D. (Calicut University)	02/06/2010	Director, IGNOU Study Centre; Coordinator, Internal Examinations; Coordinator, Career oriented Courses; Secretary, Dept. of Commerce; Class teacher, III B.Com
5	Dr. Babu Jose Assistant Professor	M.Com (Calicut University) M.Phil. (Pondicherry University) Ph.D. (Pondicherry University) B.Ed. (Calicut University)	09/07/2012	Research Supervisor, MG University; Member – IQAC; Coordinator, Ph.D. Course Work; Class Teacher – II B.Com; Coordinator – CA Coaching (CPT); Coordinator, Bridge Course; Library Coordinator
6	Binoy Chacko Assistant Professor	M.Com (M.G. University)	09/07/2012	Director, College Chess Club; Coordinator, UGC NET Coaching Class Teacher, II M.Com
7	James Varghese Assistant Professor	M.Com (Pondicherry University) PGDCA (Pondicherry University)	31/10/2013	Director, Career and Placement Cell (College) Director, Department Placement Cell; Director, CASR; Coordinator, UG Entry Level Test; Class Teacher, I B.Com
8	Jinu Mathew Assistant Professor	M.Com (M.G. University) PGDIM (IGNOU)	31/10/2013	Director, Blood Donors' Forum; Director, ED Club Tutor, II B.Com; Joint Coordinator, CA-CPT Coaching Director, Business Quiz Club
9	Bidhuja S Ad-hoc Lecturer	M.Com (M.G. University)	01/08/2016	Guest Lecturer

**DEPARTMENT OF COMMERCE (SELF-FINANCING) &  
COMPUTER APPLICATIONS (AY 2016-17)**

**DEPARTMENT OF  
COMMERCE  
&  
COMPUTER  
APPLICATIONS**

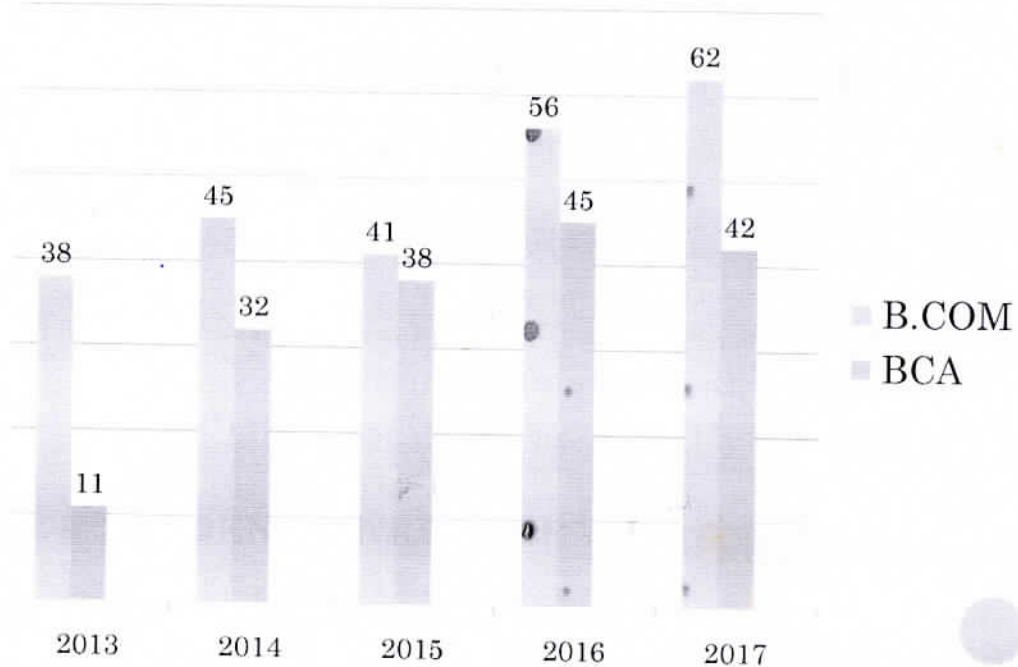
**DEPARTMENT PROFILE**

- Year of Inception: 2013
- Courses Offered:
  - B.Com with Computer Applications
  - Bachelor of Computer Applications (B.C.A)
- Faculty Strength: 10
- Student Strength: B.Com 159  
BCA 125

## 1. CURRICULAR ASPECTS

- Curriculum Planning and Implementation
  - ❖ Syllabus as per M.G University
  - ❖ Course wise Lesson Plan
  
- Employable and Life Skills
  - ❖ Aptitude Test Training

### 2.1 STUDENT ENROLLMENT



## **2.2 CATERING TO STUDENT DIVERSITY**

- Induction and Orientation Programme
- Bridge Classes
- Remedial Classes
- One month internship for BCA final year students

## **2.3 TEACHING-LEARNING PROCESS**

- Meticulously plans and organizes teaching schedule — through preparation of Lesson Plans
- Technology enhanced teaching aids
- Mentor-mentee systems to meet the academic and personal needs of the students
- Conduct of seminars by experts

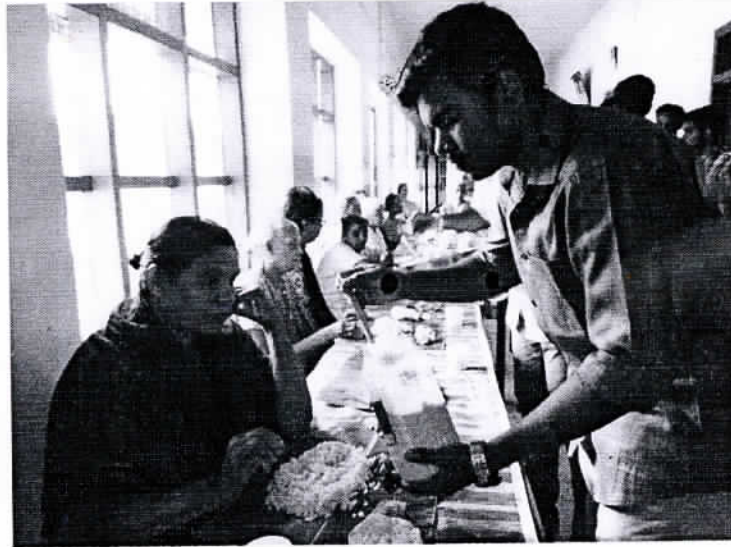
## **2.4 STUDENT PERFORMANCE AND LEARNING OUTCOMES**

- Peer teaching
- Class tests at regular intervals – after the completion of each module
- Re-tests

## **EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY**

- Final year B.Com students visited “Sevasadan” in Chemplavu –an old age home –sponsored Onam Sadya and spent the whole day with them.
- Teachers of the department visited “Maria Sadanam” and sponsored a day’s meal.

## EXTENSION ACTIVITY BY THE STUDENTS.



### STUDENTS SUPPORT AND PROGRESSION

- Parents were intimated on the students shortage of attendance and academic performance
- Parent- teacher meeting is conducted in every alternative semester.
- Alumni association was formed by 2013 -16 B.Com ,BCA students.
- Teachers of the department extended financial support to needy students to pay their tuition fee.

- Organized association activities under ACCT (Association of Commerce and Computer Technology).
- BEATZ – A day given to the students to exhibit their talents.
- Invited talks by:

Benny Kurian

Fr.Alex Kizhakkekadavil

Dr.Brijesh

Dr.Tejl Thomas

## **STUDENT PARTICIPATION AND ACTIVITIES**

- Our students participated in various inter- college competitions and have won awards.
- Mariya Joy
- Alphy Maria
- Sraven Suresh
- Rahul R
- Bastin Jose



## **INNOVATIONS AND BEST PRACTICES**

### **ENVIRONMENT CONSCIOUSNESS**

- Final year students donated their class uniform dress and other used dress to support the zero waste initiative of the Research and PG Department of Commerce
- All our classrooms are maintained plastic-free.

### **INNOVATIONS**

- General topic seminar: Each students of the final year B.Com class was assigned a seminar topic of general interest to be presented in the class during zero hour.
- Manuscript .

## BEST PRACTICE

- Students of final year B.Com mobilized a substantial amount to help one of their classmates.
- Maintaining batch- wise separate registers for documenting student performance of
  - 1.Internal Exam
  - 2.Model Exam
  - 3.End of Semester Exam