



ALPHONSA COLLEGE

Palai, Kottayam

Reaccredited to A Grade by NAAC with CGPA 3.24

Quality assurance initiatives of the Institution through

1. Conferences, Seminars, Workshops on quality conducted
2. Collaborative quality initiatives with other institutions
3. Orientation programme on quality issues for teachers and students organised by the institution

Conferences, Seminars, Workshops on quality conducted

1. Dept of Economics organised National Workshop on 'FUNDAMENTALS OF ECONOMETRICS AND RESEARCH DESIGN' , 17-04-2021 to 16-05-2021
2. International Seminar on ' Advanced Functional materials for energy storage applications' by Department of Chemistry and Physics, 24-03-2021
3. Workshop on ' Women Entrepreneurship' organised by Department of Economics, 24-03-2021 to 03-2021
4. Seminar on 'The Social Historical and Cultural Backgrounds of English literature' , Dr. Mathew Joseph, 09-03-2021 by the P.G Dept. of English
5. Seminar on Keats' Spring Odes: His "Season ofMellow Fruitfulness", Dr. Scott Masson, 23-02-2021, P.G Dept. of English
6. Dept. of Commerce organised a Workshop on 'Research Methodology', Dr. Tejil Thomas, Assistant Professor, St. Thomas College, Pala 17-11-2020 to 18-11-2020
7. Workshop on 'ILLUSTRATION AND PORTFOLIO' by Dept. of Fashion Technology , 19-10-2020 to 20-10-2020
8. National webinar on 'Genetic Engineering Tools-Recent Advances' , P.G. Department of Zoology, P. Sreedevi, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, 25-09- 2020
9. P.G Department of Zoology conducted International Webinar on ' PHOTODYNAMIC THERAPY OF CANCER USING NATURAL PHOTSENSITIZERS' , Dr. Blasson P. George, University of Johannesburg, South Africa , 24-07- 2020

Dept of Economics organised National Workshop on 'FUNDAMENTALS OF ECONOMETRICS AND RESEARCH DESIGN', 17/04/2021 to 16/05/2021. 46 participants were present for the e-workshop.

NATIONAL LEVEL E-WORKSHOP ON FUNDAMENTALS OF ECONOMETRICS AND RESEARCH DESIGN



BY USING



16 HOURS ONLINE CLASSES THROUGH GOOGLE MEET



EVERY SATURDAYS 1PM-4PM FROM APRIL 17TH ONWARDS



DEPARTMENT OF ECONOMICS, ALPHONSA COLLEGE, PALA



Contact Details:
 Mrs. Theresa Sunny - 9341460252
 Mrs. Mary Jose - 93 54421 81292
 Mail for: doc_query at alp@alphonsacollegepalal.com

ABOUT THE WORKSHOP

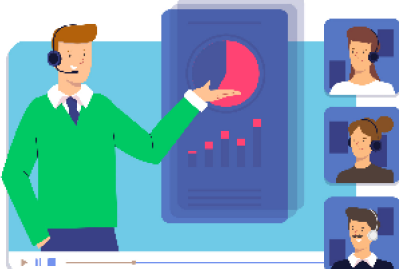


Econometrics is the application of statistical methods to economic data and is described as the branch of economics that aims to give empirical content to economic relations. Applied Econometrics uses theoretical econometrics and real-world data for assessing economic theories, developing econometric models, analyzing economics history, and forecasting. Statistical packages like Stata, eviews, SPSS and open sources languages like R, Python, Gretl etc are used in econometric data analysis.

Considering the growing importance of applied Econometrics and particularly the use of R, python etc, this workshop is very crucial for the students, faculty and research scholars of economics, as it will give them an opportunity to acquire the required skills to handle this challenging subject efficiently and with confidence.


Objectives of workshop

1. To provide an opportunity to various participants from academia to make use of applied econometrics for assessing economic theories and developing econometric models with the help of R, Python and excel.
2. To motivate participants with a research culture and enable them to come up with an insightful research.



- All queries will also be addressed through Mail.
- A temporary WhatsApp group will be created for discussion. Participants can use the WhatsApp group discussion platform for asking the questions related to lectures and all valid questions will be addressed during the sessions.
- The workshop is scheduled to be from 1pm -4pm on Saturdays from 17/04/2021 to 15/05/2021, divided among the five sessions as given below extensively covering the following topics.
- The recorded videos of the sessions will be shared with the participants on request.
- All participants are required to have a laptop with good internet connection

ABOUT THE DEPARTMENT OF ECONOMICS



The department of economics established in the year of 1967, aims to bring about an all-round development of students and nurture lifelong inspired learners from across the globe. The department has always been a front runner in moulding students for the 21st century by making them able and competitive, through a variety of new generation courses and programmes, which helps in generating critical skills for employability including Intellectual, analytical, problem solving, communication etc. The Post Graduate programme in Econometrics, sanctioned in the year 2020, along with the UGC NSQF courses on Entrepreneurship Development and Health Economics, will remain as a milestone in the history of the department.



WORKSHOP CONVENORS:

Dr. Sr. Regeenamma Joseph,
Head of the Department of Economics, Alphonsa College, Pala

Ms. Minnu Therese Sunny
(Lecturer, Dept of Economics)

Mrs. Minu Mary Jose
(Lecturer, Dept of Economics)

ORGANIZING COMMITTEE:

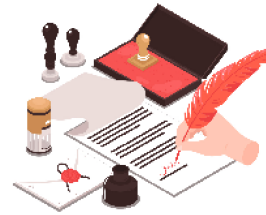
Rev. Dr. Sr. Gigmol MG
(Principal, Alphonsa College, Pala)

Rev. Dr. Shaji John – Vice Principal, hod department of political science

Rev. Dr. Jose Joseph
(Bursar & HOD Dept. Of English, Alphonsa College, Pala)

Mrs. Smitha Clary Joseph
(Asst. Prof., Dept of Economics)

Contact Details:
- Minnu Therese Sunny :8281485390
- Minu Mary Jose :+91 94471 81996
- Mail for any query at alphonsaeconometrics@gmail.com



REGISTRATION & WORKSHOP FEE

The workshop fee is Rs.750 which includes softcopy certificate send through mail and hardcopy certificate send by registration post.

Interested participants of any affiliation can participate in the workshop

Participants can register for the workshop using the following link <https://forms.gle/gu89cbTUaHttass56>

Last date of registration is 16th of April 2021 , 5 pm

Registration costs can be paid through By PhonePe, Google Pay, UPI on 9447181996

The amount can also be transferred to the account given below.

Bank Details: Name: Minu Mary Jose
Account No: 0453053000016307
Bank: South Indian Bank, Arunapuram
IFSC Code: SIBL0000453

*It is mandatory to upload the screenshot of the payment done while filling the form. Participants once paid and registered through google form will be contacted through mail. All queries will also be addressed through Mail.

SCHEDULE OF THE WORKSHOP

The day wise schedule of the sessions of the workshop is as followed:

Session 1
INTRODUCTION TO ECONOMETRICS & RESEARCH WRITING

- 1) OLS
- 2) Assumptions and violation
- 3) Thoughts Process on Research Writing
- 4) Treating variables
- 5) Data bases and Sources

Session 2
TIME SERIES ECONOMETRICS

- 1) Introduction
- 2) Breaking down time series variables
- 3) ARMA , ARIMA
- 4) VAR Models

Session 3
CROSS SECTIONAL

- 1) Fundamental Statistics
- 2) Hypothesis Testing
- 3) Single and multivariate Regression
- 4) Functional Forms

Session 4

- 1) Maximum likelihood Estimation
- 2) Logit models
- 3) Multinomial Logit models

Session 5

- 1) 2 SLS and 3SLS
- 2) Instrumental variable method
- 3) Difference in Difference Model

OUR RESOURCE PERSONS



BRYAN THOMAS
Business Analyst
Nielsen Media,
Bengaluru



KANNAN N
Research Associate,
Sambodhi Research &
Communications,
New Delhi

Figure 1 Brochure of Workshop on Econometrics

Aiming to provide an intense training on Fundamentals of Econometrics and Research design to all those who are interested to widen their economic research to a quantitative arena, Department of Economics of Alphonsa college Pala has organized a 15 hour long online workshop from 17 th April to 22 May of 2021. It was a first go event conducted under the newly sanctioned Masters' Program of Econometrics in the college. The workshop was scheduled for 2 hour per day for five Saturdays. Rev. Sr Regeenmma Joseph, Head of the Department and Convener of the workshop, Inaugurated the session. Around 50 participants has registered for the event from various parts of India, which included Academicians, Research scholars, Professional and students. The sessions were handled by Mr. Bryan Thomas and Kannan Narayanan who are experts in econometrics and are currently working in corporates. The session covered basic concepts in econometrics in a very practical as well as intuitive approach using Excel and R programming. The sessions covered are different econometric models and their estimation, treatment of data, research ethics etc. The workshop Concluded on 22 May 2021. Ms. Minu Mary Jose and Miss Minnu Therese Sunny convened the workshop. An e-certificate has sent to Participant's email id on the very following day. The workshop has got an applaud able feedback from the participants.

International Seminar on 'Advanced Functional materials for energy storage applications' by Department of Chemistry and Physics, 24-03-2021

ALPHONSO COLLEGE
UNIFIED FOR LIFE

International Webinar on
Advanced Functional Materials for Energy Storage Applications

24, March
2021
10.00 a.m

Organised by
Departments of Chemistry, Physics & IQAC
Alphonso College. Pala. Kottayam. KERALA
(Re Accredited by NAAC with A Grade)

Resource Persons

Dr. A Dennyson Savariraj
Research Professor
Suncheon National University
South Korea

Dr. R. Ramachandran
Research Assistant Professor
Advanced Interdisciplinary Studies
Southern University of Science & Technology
(SUS Tech), Shenzhen, China

Those who can participate: Students, Research Scholars, Faculty Members and Others; each active participant will get E-Certificate

Dr. Sr. Gigimol MG Principal	Dr. Sr. Jilly James HOD Chemistry 9497874279	Dr. Minu Joy HOD Physics minujoy@alphonsacollege.in	Dr. Dani Mathew M IQAC Coordinator
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Figure 2 Brochure on International Seminar as part of Science Day

As part of Science day celebration, the Departments of Chemistry and Physics jointly organised a Webinar of Advanced Functional Materials for Energy Storage Applications. Energy storage devices are in increasing demand in the current industrial scenario and large scale application of such devices will be called for in the near future. Many research work is in progress in different parts of the world aiming at improving the materials and capacity. To introduce the students to this field and make them aware of the need for such devices, the departments of Physics and Chemistry organised the webinar. Dr. Dennyson Savariraj of the Suncheon National Univesity, South Korea and Dr. R. Ramachandran of Southern University of Science and Technology, China were the resource persons. The students benefitted much from the talk.

Workshop on ' Women Entrepreneurship' organised by Department of Economics,
24/03/2021- 26/03/2021

SPONSORS

26 March 2021

10.00 am to 4.00 pm : Session
Mr. Varghese Paul
Centre For Alternative Learning,
Chalakkudy
Topic : Learning By Doing

Organizers :

Dr. Sr. Gigimol M.G.
Principal
Dr. Sr. Regeenamma Joseph
Vice Principal, HOD of Economics
Rev. Dr. Jose Joseph
Co-ordinator & Bursar
Mrs. Smitha Clary Joseph
Asst. Prof. Dept. of Economics
Mrs. Elsa Rose George
Lecturer, UGC-NSQF
Mrs. Minu Mary Jose
Lecturer, Dept. of Economics
Ms. Minnu Theresa Sunny
Lecturer, Dept. of Economics

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PAINTS
PALA

Contacts Us:
Ph: +91 - 8943236428
E-mail : alphonsooffice@gmail.com
rageenammajoseph@gmail.com

ALPHONSO COLLEGE
PALA

UGC - NSQF - MEPSO - Diploma Course
in Women Entrepreneurship
Development and Small Industries
in collaboration with
Department of Economics Organizing
a three day Workshop on

WOMEN
ENTREPRENEURSHIP

On 24th to 26th March 2021
Time : 10.00 am to 04.00 pm
Venue : Seminar Hall

Figure 3 Brochure of workshop on Women Entrepreneurship

Three Day Workshop

**Women Entrepreneurship
Development and Small Industries**

Women entrepreneurship can lead to a tremendous social change, making women financially empowered and independent. That can increase levels of confidence and happiness in women, as the satisfaction of achievement and self- sufficiency can boost their self-esteem and overall well-being. Women entrepreneur may be defined as a woman or a group of women who initiate, organise and run a business enterprise. Government of India has defined women entrepreneurs as owning and controlling an enterprise with a woman having a minimum financial interest of 51% of the capital and giving at least 51% of the employment generated in the enterprise to women.

With lots of hurdles on the way, today's woman is bold enough to stand out of the crowd setting an example for others. Its upon we, the citizens of country to pay respect and adore her the way she balances her personal and professional life. If our country wants to be seen on global map as economy of rapid growth, blooming buds of women entrepreneurs need to be fostered first. The government of india has introduced skill development courses for the development of women. In this context the Diploma course in **Women Entrepreneurship Development and Small Industries** in collaboration with Department of Economics organizing a workshop on Women Entrepreneurship under MEPSO.

On this occasion we are extremely happy to welcome the faculty members, research scholars and students of your esteemed institution.
We cordially invite your participation and co-operation.

Dr. Sr. Gigimol M.G.
Principal
Dr. Sr. Regeenamma Joseph
Vice Principal
Head of Dept. of Economics
& Co-ordinator

Rev. Dr. Jose Joseph
Bursar & Co-Ordinator
Elsa Rose George
UGC-NSQF
Convener

Programme

24 March 2021

Inaugural Session
Prayer
Welcome Speech : **Rev. Dr. Jose Joseph**
Course Coordinator and Bursar,
Alphonso College Pala
Presidential Address : **Rev. Dr. Shaji John**
Vice Principal, Alphonso College Pala
Inaugural Address : **Mrs. Nirmala Jimmy**
District Panchayat President, Kottayam
Key Note Address : **Mrs. Shery Regimon**
Chief Guest, CEO of MILAN
Felicitation : **Mr. Savio Joseph**
Municipal Councilor, Pala
Vote Of Thanks : **Mrs. Elsa Rose George**
Lecturer, UGC-NSQF

10.30 to 11.30am : Session 1
: **Mrs. Shery Regimon, CEO of MILAN**
Topic : Taking The Lead

11.45 to 12.45pm : Session 2
: **Mrs. Rani Thomas**
Cluster Head, AGM, CSB Bank
Topic : Entrepreneurial Finance

12.45 to 1.30 pm : Lunch Break
01.30 to 02.30 pm : Session 3
: **Mr. K C Thankachan, VICIB**
Topic : Self-Help Group

2.30 to 3.30 pm : Session 4
: **Mrs. Ambily V K, Entrepreneur**
Topic : Think Big

25 March 2021

09.30 to 11.00 am : Session 1
: **Mrs. Ruby Thomas, Entrepreneur**
Topic : Discover The New You

11.15 to 12.30pm : Session 2
: **Mr. Jose Joseph Cheruvallil**
Entrepreneur
Topic : Consumer Friendly Behaviour

12.30 to 01.15 pm : Lunch Break
01.15 to 02.30 pm : Session 3
: **Mrs. Sruthy Krishna, Entrepreneur**
Topic : As Unique As You Are

02.30 to 03.30 pm : Session 4
: **Mrs. Maggi Menamparambil**
Entrepreneur
Topic : Courage Is Beautiful

Seminar on 'The Social, Historical and Cultural Backgrounds of English literature' , Dr. Mathew Joseph, 09-03-2021 by the P.G Dept. of English.




Figure 4 Screenshot of the seminar on English Literature


The seminar “Social, Historical and Cultural Backgrounds of English Literature” was conducted on 9th March, 2021. The programme started at 9.30am and was officiated by Rev.Dr. Jose Pulavelil, HOD, English Dept. with a welcome address. The key speaker of the day was Dr. Mathew Joseph, former Vice-Principal and HOD, St.Thomas College, Pala. He elaborated on every period in the English literary history from the Old English to the Modern and showered greater insights in this field. Those students attending offline classes participated as the audience and others attended via online mode as we offered live streaming in Zoom. The session extended till 12.30pm and the faculties and students were equal beneficiaries of this fruitful endeavour.

Seminar on Keats' Spring Odes: His "Season ofMellow Fruitfulness", Dr. Scott Masson, 23-02-2021, P.G Dept. of English

INTERNATIONAL WEBINAR SERIES
ORGANISED BY
The Postgraduate Department of English
ALPHONSA COLLEGE, PALA



KEATS BICENTENNIAL LECTURE
23 FEBRUARY 2021
8.00 a.m. - 9.00 a.m. IST





DR. SCOTT MASSON
(Associate Professor of English Literature,
Tyndale University, Toronto, Canada)

***Keats' Spring Odes: His
"Season of... Mellow
Fruitfulness"***

DR. SR. GIGIMOL M.G. (P R I N C I P A L)
REV. DR. JOSE JOSEPH (H O D)
MS. ROSMY KATTOOR (C O N V E N E R)

.....

ORGANISING COMMITTEE:
DR. MEERA MATHEWS
MS. SRUTHI CATHERINE THOMAS



keats200acp@gmail.com

Figure 5 Workshop on International seminar on Keats

Dept. of Commerce organised a Workshop on 'Research Methodology', Dr. Tejil Thomas, Assistant Professor, St. Thomas College, Pala, 17-11-2020 to 18-11-2020



Figure 6 Brochure of Workshop on Research Methodology, Department of Commerce

Workshop on 'ILLUSTRATION AND PORTFOLIO' by Dept. of Fashion Technology , 19-10-2020 to 20-10-2020

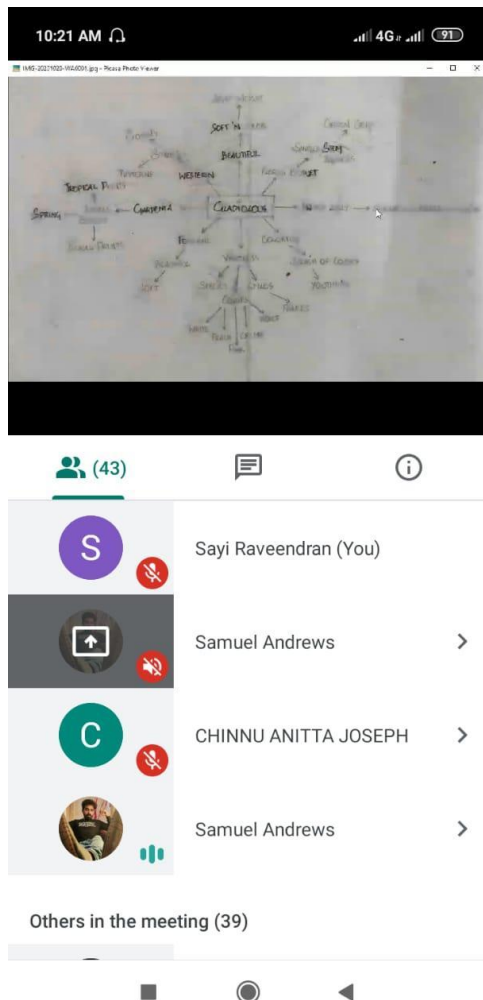



Figure 7 Screenshot of workshop on Illustration by Department of Fashion Technology

National webinar on 'Genetic Engineering Tools-Recent Advances', P.G. Department of Zoology, P. Sreedevi, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, 25-09- 2020



The image is a screenshot of a brochure for a national webinar series. At the top left is the logo of Alphonso College, featuring a shield with a book and a lamp, with the motto 'WISDOM BEGETS' below it. To the right of the logo are four fossilized shells of varying shapes and sizes, including a nautilus-like shell and several bivalves. The main text is centered and reads: 'NATIONAL WEBINAR SERIES ON "CURRENT TRENDS IN BIOLOGICAL SCIENCES" Topic: Genetic Engineering Tools - Recent advances on 25th SEPTEMBER 2020 at 2 P.M. ORGANIZED BY, IQAC & P.G. DEPARTMENT OF ZOOLOGY, ALPHONSA COLLEGE PALA NAAC Accredited with A grade Resource Person: Dr. P.SREEDEVI DBT Research Associate, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore Platform - Google meet Meeting Link - <https://meet.google.com/qoz-vpdz-pqy> Certificate of participation will be issued to the participants after submission of feedback, at the end of the webinar.' At the bottom, there are three columns of text listing the Principal, Convenor & HOD, and Co-ordinator.

NATIONAL WEBINAR SERIES ON "CURRENT TRENDS IN BIOLOGICAL SCIENCES"
Topic: Genetic Engineering Tools - Recent advances
on 25th SEPTEMBER 2020 at 2 P.M.
ORGANIZED BY,
IQAC & P.G. DEPARTMENT OF ZOOLOGY, ALPHONSA COLLEGE PALA
NAAC Accredited with A grade
Resource Person: Dr. P.SREEDEVI
DBT Research Associate, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Platform - Google meet Meeting Link - <https://meet.google.com/qoz-vpdz-pqy>
Certificate of participation will be issued to the participants after submission of feedback, at the end of the webinar.

Dr. Sr. G. G. M. M. G. (Principal)	Dr. Sr. Manju Elizabeth Kuruville (Convenor & HOD)	Teena James (Co-ordinator)
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Figure 8 Screenshot of brochure

A national webinar was conducted on the topic "Genetic Engineering Tools-Recent Advances" on 25th September 2020 at 2.00 P.M. through Google meet. Resource person was P. Sreedevi, DBT Research Associate, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore. It was organized by IQAC and P. G. Department of Zoology.

P.G Department of Zoology conducted International Webinar on 'PHOTODYNAMIC THERAPY OF CANCER USING NATURAL PHOTSENSITIZERS', Dr. Blasson P. George, University of Johannesburg, South Africa , 24-07- 2020




P.G. DEPARTMENT OF ZOOLOGY
ALPHONSA COLLEGE PALA
Kottayam, Kerala- 686574
(NAAC Accredited with A grade)

INTERNATIONAL WEBINAR ON
PHOTODYNAMIC THERAPY OF CANCER USING NATURAL PHOTSENSITIZERS
on 24th July 2020 at 12 P.M.

Resource Person: Dr. Blasson P. George,
Researcher, Faculty of Health Sciences
University of Johannesburg, South Africa

Registration Link : <https://forms.gle/twFHWcsti4UjDEtG8>

A digital certificate of participation will be issued to all active participants who complete the programme with the submission of feedback, at the end of the webinar.

Dr.Sr.Gigimol M.G. (Principal) **Dr.Sr.Manju Elizabeth Kuruvila** (Convenor & HOD) **Dr. Ambili T.R.** (Co-ordinator)

Figure 9 Screenshot of brochure

An International Webinar was conducted on the topic “PHOTODYNAMIC THERAPY OF CANCER USING NATURAL PHOTSENSITIZERS” on 24th July 2020 at 12 P.M. The Resource person was Dr. Blasson P. George, Researcher, Faculty of Health Sciences, University of Johannesburg, South Africa.

Collaborative quality initiatives with other institution

1. Department of History- Alphonsa College Pala and St. Dominic's College Kanjirapally Collaborated Faculty Exchange talks
2. Department of Zoology, Alphonsa College, Pala and St. Thomas College, Pala- Webinar on Forest birds in Periyar region on 22- 06- 2020
3. Civil Service Orientation programme for students in collaboration with Civil Service Institute Pala and St. Thomas College Pala by Mr. Nidhin Raj IPS , 01-12-2020
4. Health Infonet- webinar series , 29 October - 28 November 2020, St. Stephen's College, Uzhavoor
5. Dept. of Physics, Alphonsa College Pala and Deva Matha College, Kuravilangadu jointly organised talk on Indian Arctic Expedition by Dr. Mahesh Mohan, M G University, 17-08-2020
6. Elizabeth J Diana (Alphonsa College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), 'Recent developments in the metal catalysed cross-coupling reactions for the synthesis of the enone system of chalcones' , <https://doi.org/10.1002/aoc.5987>
7. Elizabeth J Diana (Alphonsa College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Recent studies in Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalysts, <https://doi.org/10.1016/j.jorganchem.2020.121538>
8. Elizabeth J Diana (Alphonsa College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Palladium-catalyzed cross-coupling reactions of coumarin derivatives: An overview <https://doi.org/10.1002/aoc.5983>
9. Elizabeth J Diana (Alphonsa College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Cyclodextrin based palladium catalysts for Suzuki reaction: An overview, <https://doi.org/10.1016/j.carres.2020.107954>

SREE - Sharing Resources and Expertise for Excellence -- Department of History- Alphonsa College Pala and St. Dominic's College Kanjirapally collaborated in Faculty Exchange talks. Dr. Alphons George, Alphonsa College, Pala delivered a talk at St. Dominic's College Kanjirapally on 14th December 2020 on Origin of Vaikom Satyagraha and its impact.



SREE
LECTURE 1
Topic : Harappan Civilization

2nd December
2020

Bino P Jose
Assistant Professor,
Department of History,
SD College,
Kanjirapally

via Google meet

Icons for Instagram, Facebook, Twitter, and YouTube.

The brochure features a central photograph of Bino P Jose speaking into a microphone. It includes the SD College logo, decorative wave patterns, and a grid of dots. The text is primarily in purple and pink, with a white background for the speaker's photo.



SREE
LECTURE 2
Topic : Excavation Methods

Dr Joji Thomas
Assistant Professor,
SD College,
Kanjirapally

3rd December
2020

Google meet

The brochure features a central photograph of Dr. Joji Thomas. It includes the SD College logo and a large red curved graphic element. The text is in white and red on a dark background.

Figure 10 Brochures of Collaborative talks , Department of History

Department of Zoology, Alphonsa College, Pala and St. Thomas College, Pala- Webinar on Forest birds in Periyar region on 22- 06- 2020



POST GRADUATE DEPARTMENT OF ZOOLOGY
ALPHONSA COLLEGE, PALA
in association with
BHOOMITHRA SENA CLUB
Organizes a Webinar on
Forest birds in Periyar Region

Through Google meet
Date: 22 – 06 – 2020 Time: 11.00am to 12.00pm

Resource Person

	Prof. Mathew Thomas Assistant Professor Dept. of Zoology St. Thomas College, Pala
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E- certificates will be provided to the participants

Registration link: <https://forms.gle/eWqKsBNM5JptcEsE8>

For more details contact:
Mob: 9526753504



Figure 11 Brochure of Webinar on Forest birds, Department of Zoology

Civil Service Orientation programme for students in collaboration with Civil Service Institute Pala and St. Thomas College Pala by Mr. Nidhin Raj IPS , 01-12-2020

ADD ON COURSE

**ഡിപ്രിയോറേഷൻ
IAS പഠനം**

FREE WEBINAR

Talk by
NIDHIN RAJ P. IPS

ON DECEMBER 1st, 2020
AT 7. 30 PM

**ST. THOMAS COLLEGE, PALA &
ALPHONSA COLLEGE, PALA**

Contact:

JITHIN PRAKASH
St. Thomas College, Pala
9447916999

DANI MATHEW
Alphonsa College, Pala
9447186194

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Pala Campus Ph : 04822-215831, Mob: 9447421011, 8261447770

Web: www.civilservicepala.com Email: civilpala@yahoo.com

Figure 12 Brochure of collaborative talk with St. Thomas College, Pala

Health Infonet- webinar series , 29 October - 28 November 2020, St. Stephen's College, Uzhavoor

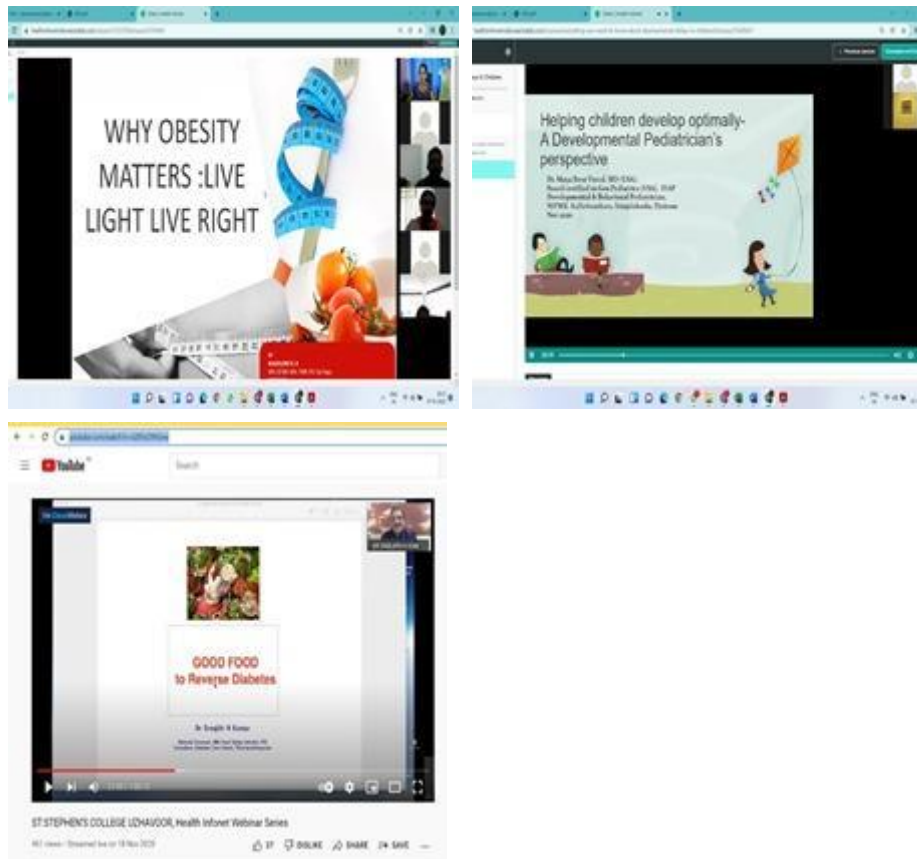
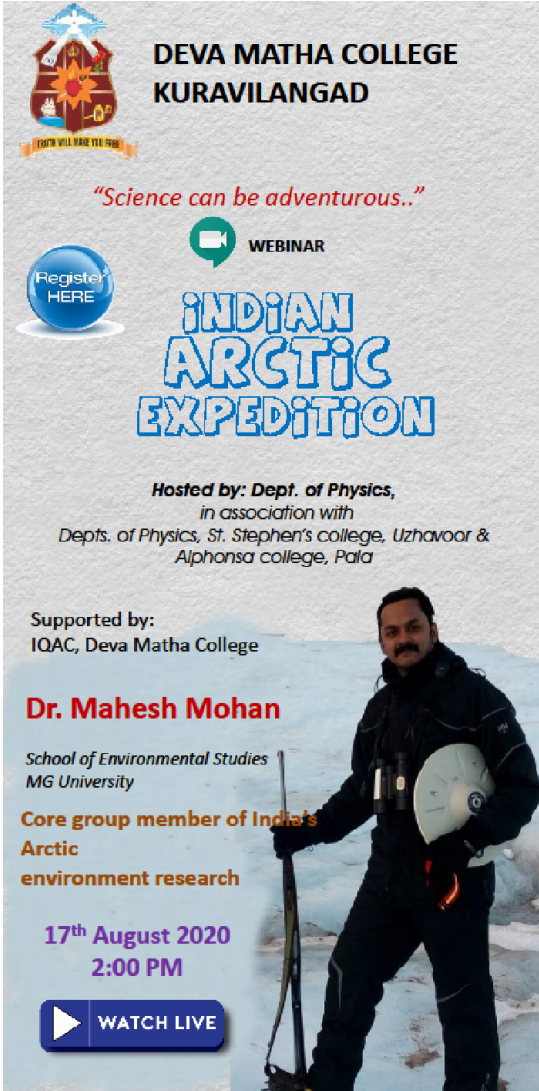


Figure 13 Screenshots of health infonet seminar series conducted in collaboration with St. Stephen's College , Uzhavoor

Dept. of Physics, Alphonsa College Pala and Deva Matha College, Kuravilangadu jointly organised talk on Indian Arctic Expedition by Dr. Mahesh Mohan, M G University, 17-08-2020



**DEVA MATHA COLLEGE
KURAVILANGAD**

"Science can be adventurous.."

Register
HERE

WEBINAR

**INDIAN
ARCTIC
EXPEDITION**

Hosted by: Dept. of Physics,
in association with
Depts. of Physics, St. Stephen's college, Uzhavoor &
Alphonsa college, Pala

Supported by:
IQAC, Deva Matha College

Dr. Mahesh Mohan

School of Environmental Studies
MG University

Core group member of India's
Arctic
environment research

17th August 2020
2:00 PM

WATCH LIVE

The brochure features a photograph of Dr. Mahesh Mohan in a black expedition suit and helmet, standing in a snowy, icy environment. The background is a light, textured surface, possibly snow or ice.

Figure 14 Brochure of webinar conducted with Deva Matha College, Kuravilangadu

Elizabeth J Diana (Alphonso College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), 'Recent developments in the metal catalysed cross-coupling reactions for the synthesis of the enone system of chalcones' , <https://doi.org.10.1002/aoc.5987>

Received: 4 July 2020 | Revised: 8 August 2020 | Accepted: 12 August 2020
DOI: 10.1002/aoc.5987



REVIEW



Recent developments in the metal catalysed cross-coupling reactions for the synthesis of the enone system of chalcones

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Funding information

EVONIK Industries, Germany, Grant/Award Number: ECRP 2016; Kerala State Council for Science, Technology & Environment (KSCSTE), Trivandrum, Grant/Award Number: 341/2013/KSCSTE

For the last two decades, chalcones and their derivatives have attracted special interest among researchers due to their pharmaceutical properties. Numerous research works have been still going on to improve the methodologies of chalcone synthesis. Chalcone has displayed a remarkable curative efficiency to cure numerous diseases and it continues to show promise for new drug investigations. This review highlights the metal catalysed cross-coupling reactions for the synthesis of chalcone and its derivatives from 2009 to 2020.

KEYWORDS

Chalcone, cross-coupling, flavonoids, α,β -unsaturated ketones

1 | INTRODUCTION

1,3-Diaryl prop-2-en-1-ones, viz. chalcones, belong to flavonoid family.^[1] Chalcones give yellow pigmentation in many yellow flowered ornamental species such as Dahlia, Cosmos, Coreopsis etc.^[2] In addition to flowers, chalcone is also present in spices, vegetables and fruits.^[3] There are several natural and synthetic chalcones are considered as mediators for various synthesis of therapeutic compounds.^[4] They cover a wide class of pharmacological activity,^[5] including anti-malaria,^[6] anti-fungal,^[7] anti-diabetes,^[8] anti-oxidant,^[9] anti-inflammatory,^[10] anti-cancer,^[11] anti-nociceptive^[12] etc. In chalcones, the α,β -unsaturated carbonyl system allows them to be biologically active, and omission of the carbonyl system makes them biologically inactive.^[13]

Several synthetic strategies for chalcones have been reported in the past decades such as Claisen-Schmidt condensation,^[14] Photo-Fries rearrangement,^[15] Julia-Kocienski olefination,^[16] Mukaiyama-aldol reaction,^[17] Friedel-Craft acylation,^[18] Coupling reaction^[19] etc. A cross coupling reaction is a reaction where two fragments are fused together with the support of metal catalyst. Suzuki-Miyaura coupling,^[20–22] Heck reaction,^[23,24] Stille coupling,^[25] and Sonogashira coupling^[26,27] are some of the most versatile and successful synthetic tools for carbon-carbon bond formation. Synthetic methodologies for chalcones have some drawbacks like requirement of strong basic or acidic reaction conditions, low yield of products, harsh reaction conditions, long reaction time, usage of toxic reagents, and low selectivity. Chalcone based compounds have attracted much attention in

Elizabeth J Diana (Alphonso College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Recent studies in Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalysts, <https://doi.org/10.1016/j.jorganchem.2020.121538>

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Review

Recent studies in Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalysts

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Phase transfer catalyst
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Suzuki-Miyaura coupling
Tetraethylammonium halide

ABSTRACT

Under increasing environmental awareness and with the increasing interest in green chemistry processing, Suzuki-Miyaura coupling reaction can be proceeded using phase transfer catalyst (PTC), instead of using toxic ligands and organic solvents is a great stride in synthetic organic chemistry. The phase transfer catalyst allows transferring substance from one system to another in a chemical reaction between the two non-miscible, heterogeneous systems, which itself has both functional sites to get solubilized in both system. This review highlights the use of various PTC's, and the importance for the reaction outcome and applicability in Suzuki-Miyaura coupling reaction from 2009 to 2020.

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1. Introduction

Phase-transfer catalyst (PTC) has been well-known for more than four decades in synthetic organic chemistry [1]. It allows the reaction in a heterogeneous system between general organic compounds soluble in organic solvents and inorganic salts soluble in water [2]. A phase-transfer catalyst is to assist transfer of the reagent from one phase (eg. Hydrophilic) to another phase (eg. lipophilic) which are immiscible and it is regenerated to its original state so the amount of PTC needed is catalytic [3]. This versatile method is used industrially because, reactions usually progress under mild reaction conditions, inexpensive and environmentally benign reagents and solvents are employed, simple experimental operations with higher yield of product, eliminate hazardous waste and the possibility to conduct large-scale preparations and hence the methodology is regarded as good for Green Chemistry [4]. Typical phase-transfer catalysts are quaternary ammonium salts [5], crown ethers [6], phosphonium compounds [7], non-ionic PTC etc [8]. This review aims to highlight the recent advances in use of phase transfer catalysts in Suzuki coupling reaction [9] and covers literature from 2009 to 2020. For simplicity and clarity, the topic is classified based on the different types of PTC's used in Suzuki reaction.

2. Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalyst

Cross-coupling reactions indicate an important synthetic organic conversion that consist of the combination of an organometallic reagent with an organic electrophile with the support of group 8–10 metal catalysts to accomplish a C–C [10], C–N [11,12], C–S [13,14], C–Se [15], or in general C–M bond formation. Suzuki reaction is an important organic coupling reaction between organoboron reagents with organohalides, using palladium (0) complex as catalyst and is one of the most versatile and successful synthetic tools for carbon-carbon bond formation [16–25]. This reaction is named after the Japanese Nobel Laureate Akira Suzuki, who first published the work on this reaction in 1979. The general scheme for the Suzuki coupling reaction follows a catalytic cycle involving three primary steps, viz. oxidative addition, transmetalation, and reductive elimination (Scheme 1).

To realize cleaner and environmentally benign products, studies have been progressed on Suzuki cross-coupling reactions under solvent-free or on-water conditions. In many cases, reactions proceed slowly due to the poor solubility of substrate/reagents in water. Aryl boronic acid showed very slow or incomplete conversion of products. Also, it showed difficulty to isolate the products from the reaction mixture. These difficulties can be solved by adding phase transfer catalysts [26] and use of water soluble salt of reagents or catalysts [27,28]. This review discusses various types of phase transfer catalysts used in Suzuki-Miyaura cross-coupling reactions. By adding phase transfer catalysts which can bridge the

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Figure 16 Collaborative paper

Elizabeth J Diana (Alphonso College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Palladium-catalyzed cross-coupling reactions of coumarin derivatives: An overview <https://doi.org/10.1002/aoc.5983>

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DOI: 10.1002/aoc.5983

REVIEW



Palladium-catalyzed cross-coupling reactions of coumarin derivatives: An overview

U.S. Kanchana¹ | Elizabeth J. Diana¹ | Thomas V. Mathew¹ | Gopinathan Anilkumar^{2,3}

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Funding information

Evonik Industries, Grant/Award Number: ECRP 2016; Kerala State Council for Science, Technology and Environment, Grant/Award Number: 341/2013/KSUSTE

Coumarins are omnipresent in several plants and exhibit a plethora of pharmacological properties, making them an important scaffold in organic synthesis. Naturally, the chemistry of this motif has attracted ever-increasing attention, among which palladium-catalyzed coupling reactions are the most prevalent one. Numerous useful, easy, and concise syntheses and reactions have been achieved using palladium-catalyzed coupling reactions. This review focuses on recent advances in palladium-catalyzed cross-coupling reactions such as Suzuki, Heck, Stille, Sonogoshira etc. reactions of coumarin derivatives and covers the literature from 2001 to 2020.

KEYWORDS

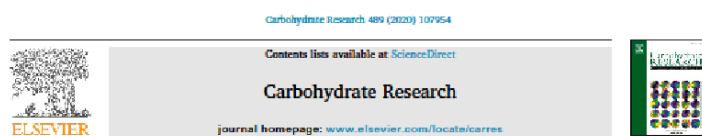
catalysis, C-C, coumarin, cross-coupling, palladium

1 | INTRODUCTION

Coumarins belong to a class of benzopyrones commonly present in plant species in either a free or combined state.^[1–4] The prominence of coumarins in natural products and biologically active molecules has prompted researchers to put more effort into their synthesis. Coumarins find diverse applications due to their pharmacological properties such as antiparasitic,^[5] antimalarial,^[6,8] antibacterial,^[10] anticancer,^[11–13] and anti-HIV properties,^[14] and cytotoxicity.^[15] They also possess some outstanding optical properties.^[16–21] They are

well known for their various photophysical applications and therefore they are widely used in organic light emitting diodes and as optical brighteners, nonlinear optical chromophores, fluorescent whiteners, and fluorescent labels and probes for physiological measurements.^[22–36] The coumarin scaffold may be substituted on any of the six carbons by the introduction of various substituents in the coumarin ring. The derivatives can have a wide range of modifications, providing flexibility to fit various applications in natural products and synthetic organic chemistry. For the synthesis of various substituted coumarins, several procedures have

Elizabeth J Diana (Alphonso College, Pala) , U.S. Kanchana (M. G. University, Kottayam), Thomas V Mathew (St.Thomas College , Pala) , Gopinathan Anilkumar (M. G. University, Kottayam), Cyclodextrin based palladium catalysts for Suzuki reaction: An overview, <https://doi.org/10.1016/j.carres.2020.107954>



Cyclodextrin based palladium catalysts for Suzuki reaction: An overview

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ARTICLE INFO

Keywords:
Suzuki reaction
Cyclodextrin
Pd complex
Catalyst

ABSTRACT

The Suzuki reaction is one of the most effective methods for the formation of carbon-carbon bonds and is of great utility in organic synthesis. Recently, cyclodextrin based palladium catalysts were found to be very selective, convenient and efficient for Suzuki cross-coupling reactions. This review focuses on such cyclodextrin systems of palladium which act as efficient catalysts with high catalytic activity and recyclability in Suzuki reaction and covers literature up to 2019.

1. Introduction

In modern organic synthesis one of the main aspects is to design simple, selective efficient, convenient and environment friendly catalysts in organometallic coupling reactions [1,2]. Formation of C-C bond is the most important coupling reaction and is the corner stone of organic chemistry. The Suzuki-Miyaura cross-coupling reaction is one of the most important protocols used for the formation of carbon-carbon bonds and has become the prominent approach in the synthesis of biaryls [3–13]. By making use of this coupling reaction, a large variety of complex organic molecules, drugs, heterocycles, agrochemicals, pharmaceutical intermediates and precursors were synthesized [14–17]. Biaryls from a wide range of reagents were synthesized using coupling reactions which include both cross- and homo-coupling of aryl halides, arylboronic acids and aryltriethylsilanes [18]. Palladium and other transition metal catalysts are effectively used for achieving these C-C bond formations [19–23]. Even simple models of C-C coupling reactions can evaluate the activity, proficiency and stability of the catalyst.

Cyclodextrins (CDs) are cyclic oligosaccharides composed of α -glucopyranoside units (glucose) linked by α -1,4-glycosidic bonds [24]. Cyclodextrin is nowadays a promising molecule in supramolecular chemistry. The presence of a hydrophobic cavity makes cyclodextrin an attractive topic for study. In particular, β -cyclodextrin with a hydrophilic outer surface and a hydrophobic inner cavity has an internal cavity shaped like a truncated cone of about 8 Å³ deep and 6.0–6.4 Å² in diameter. Its exterior, bristling with hydroxyl groups, is polar, whereas the interior of the cavity is non-polar, with respect to the external environment. Due to the great potential of cyclodextrin as an

environment friendly medium for catalytic process, much attention has been focused on its organic reactions. Recently cyclodextrin-supported Pd catalytic systems attracted much attention for green Suzuki-Miyaura coupling reactions [25–30]. Modified cyclodextrins offer great opportunities and challenges for chemists [31–33]. They are used for the heterogenization of metal nanoparticles in order to apply as reusable catalysts for organic transformations [34–37]. Developing a new and efficient method for the preparation of cyclodextrin-based catalyst with high catalytic activity, recyclability and simple work up is of prime interest. In this review we focus on such cyclodextrin-based palladium catalysts which are highly efficient for Suzuki reaction, and covers literature up to 2019. For simplicity and brevity, we have categorized these topics into ligand-free coupling and ligand-mediated coupling.

2. Cyclodextrin based catalysts for Suzuki coupling

2.1. Ligand-free Suzuki coupling

2.1.1. β -Cyclodextrin stabilised Pd nanoparticles as catalyst

β -Cyclodextrin (CD) decorated with palladium nanoparticles (PdNPs/ β -CD) without pre-treatment acts as a suitable catalyst for the biaryl synthesis in water [38]. The prepared catalyst was characterized by Fourier transform infrared spectroscopy (FT-IR), thermogravimetric analysis (TGA), X-ray diffraction (XRD), atomic absorption spectroscopy (AAS), transmission electron microscopy (TEM) and energy dispersive X-ray spectroscopy (EDS) measurements. It was found that PdNPs/ β -CD exhibits high performance in Suzuki coupling reactions affording biaryls in very good yields (Scheme 1). The catalyst was recovered by simple filtration and reused for several cycles without a

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Figure 18 Collaborative paper

Orientation programme on quality issues for teachers and students organised by the institution

1. Green bliss #beaming with green” is an initiative of Botany Department to know about the plants around us 2020-07-09
2. Dept. of Botany conducted an invited talk on 'Global climate change: Re-occurrence of weather events in Kerala', Dr. Vijaykumar P., Scientist, Advanced Centre for Atmospheric Radar Research, CUSAT, 19-08-2020
3. Dept. of Mathematics organised orientation program on Integration techniques for area and volume- an overview, Dr. Anjali Jose, Dept. of Mathematics, Devagiri College, Calicut, 08-09-2020 and Integration Vs Differentiation in this era of COVID -19', Ms. Jyothi Joseph, Dept. of Mathematics, DevaMatha College, Kuravilangadu, 08-12-2020
4. Centre for Gandhian studies conducted an invited talk on Gandhi and the Knowledge Society by Dr. M.P. Mathai, Gujarat Vidyapith , 29-09-2020
5. Dept. of Physics conducted an invited talk on ' Women in Science' Dr. Chitra Nayak, Tuskegee University, USA, 14-11-2020
6. Training on National Education Policy conducted on 17-11-2020
7. FDP on Moodle Learning Management System by Spoken tutorial project - IIT Bombay, 04/01/2021 - 08/01/2021
8. Dept. of Chemistry conducted invited talks on Higher studies and scope in Chemistry, Dr.Sandhya Rani, NIT, Calicut 09-01-2021 and on Chemistry and Chemists beyond textbook , Dr. Ann Maria Benoy, IISc, Bangalore, 07-03-2021
9. Conducted courses on C, C++, Python and Geogebra for students in Jan- March 2021
10. National Level Poetry Writing Competition on 'Ruminations and Melancholy: Personal Vistas on Keats' ,28-02-2021, P.G. Department of English (S.F)
11. Dept. of Mathematics conducted All Kerala Intercollegiate Mathematics Quiz competition, 05-03-2021
12. Dept. of Chemistry conducted Dr. Lt. Lucy Mathew memorial Powerpoint presentation competition, 22-03-2021
13. 34th Bishop Vayalil Memorial All India Quiz Competition ,23 March 2021

Green bliss #beaming with green” is an initiative of Botany Department to know about the plants around us 2020-07-09. Each week one plant was introduced to students with its scientific name and importance.

GREEN BLISS
#Beaming with
green



**DRAGON'S BLOOD TREE IS
AN UNUSUALLY SHAPED
TREE. IT LOOKS LIKE AN
UMBRELLA AND WORKS
LIKE ON AS WELL!**

the tree
produces a red
sap and hence
the name

DEPARTMENT OF BOTANY

Figure 19 Brochure of green bliss initiative

Dept. of Botany conducted an invited talk on 'Global climate change: Re-occurrence of weather events in Kerala', Dr. Vijaykumar P., Scientist, Advanced Centre for Atmospheric Radar Research, CUSAT, 19-08-2020

ALPHONSA COLLEGE, PALA
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IQAC WEBINAR SERIES

Topic: Global Climate Change: Recurrence of Extreme Weather Events in Kerala

19th August 2020 | 11.15 AM

Register here

Free Registration
E-Certificates to all the participants

Resource Person

Dr. Vijaykumar P
Scientist B,
Advanced Centre for Atmospheric Radar Research
Cochin University of Science and Technology

Google meet:
lvv.kqta-qez

Organized by
DEPARTMENT OF BOTANY
In Association with IQAC

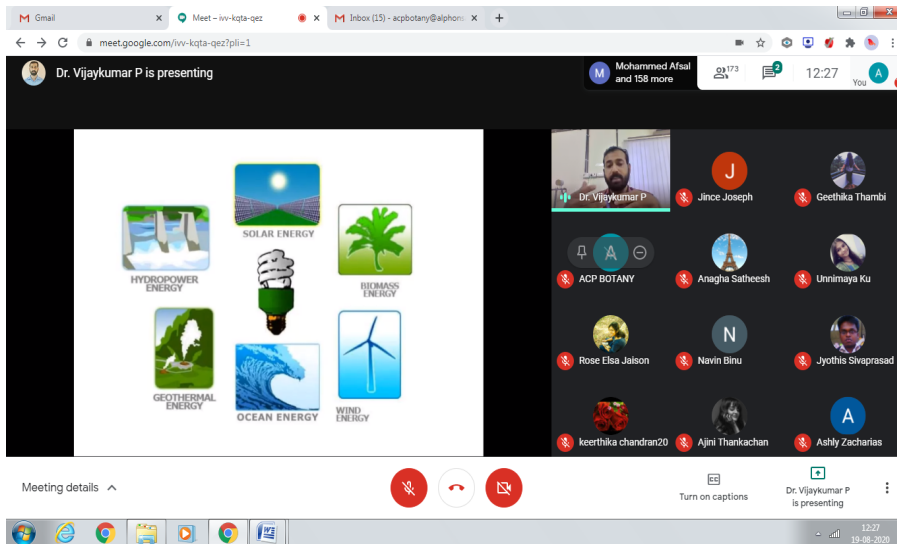


Figure 20 Screenshot of orientation program, Department of Botany

Dept. of Mathematics organised orientation program on Integration techniques for area and volume- an overview, Dr. Anjali Jose, Dept. of Mathematics, Devagiri College, Calicut, 08-09-2020 on and Integration Vs Differentiation in this era of COVID -19' , Ms. Jyothi Joseph, Dept. of Mathematics, DevaMatha College, Kuravilangadu, 08-12-2020



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IQAC WEBINAR SERIES

TOPIC:

INTEGRATION TECHNIQUES FOR AREA AND VOLUME-AN OVERVIEW

RESOURSE PERSON

DR. ANJALY JOSE
ASSISTANT PROFESSOR
ST. JOSEPH'S COLLEGE, DEVAGIRI
KOZHIKODE

On 8th September 2020
9:30-10:30 A.M

FREE REGISTRATION
E-CERTIFICATE TO ALL THE PARTICIPANTS

Register here
<https://meet.google.com/dov-weaw-dep>

Organised by
DEPARTMENT OF MATHEMATICS

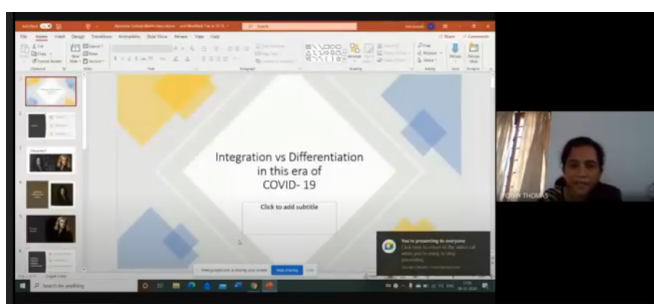
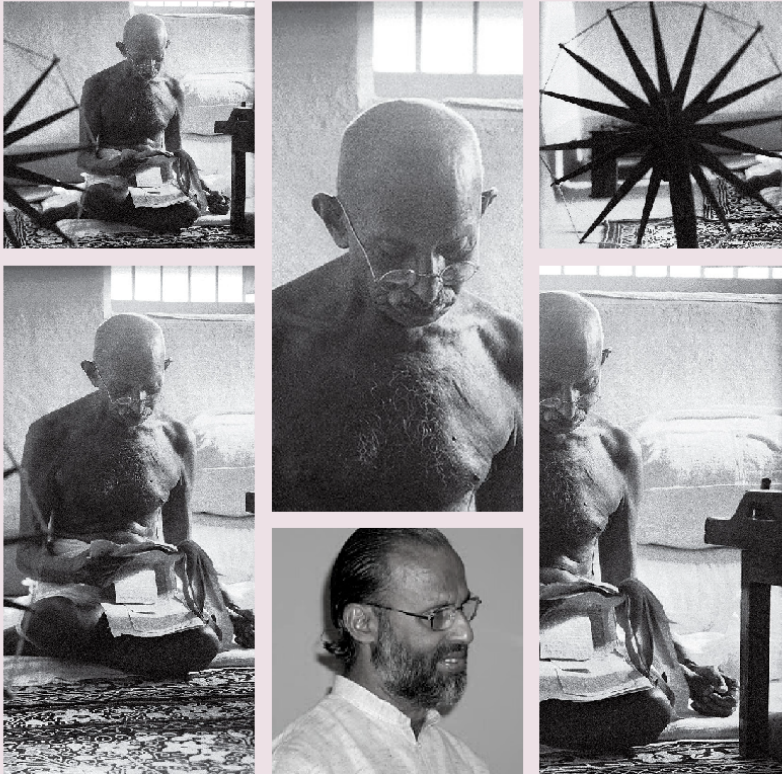


Figure 21 Screenshot of Orientation program, Department of Mathematics

Centre for Gandhian studies conducted an invited talk on Gandhi and the Knowledge Society by Dr. M.P. Mathai, Gujarat Vidyapith , 29-09-2020

CENTRE FOR GANDHIAN STUDIES
ALPHONSA COLLEGE, PALA, KERALA



**GANDHI AND
KNOWLEDGE
SOCIETY**

DR. M. P. MATHAI
Adjunct Professor,
Gujarat Vidyapith.
Editor, 'Gandhi Marg'

WEBINAR ON  Meet
29 SEPTEMBER 2020 | 10.30 AM
To Register, follow the link:
<https://forms.gle/L4jSpzRyYicB79Bk8>

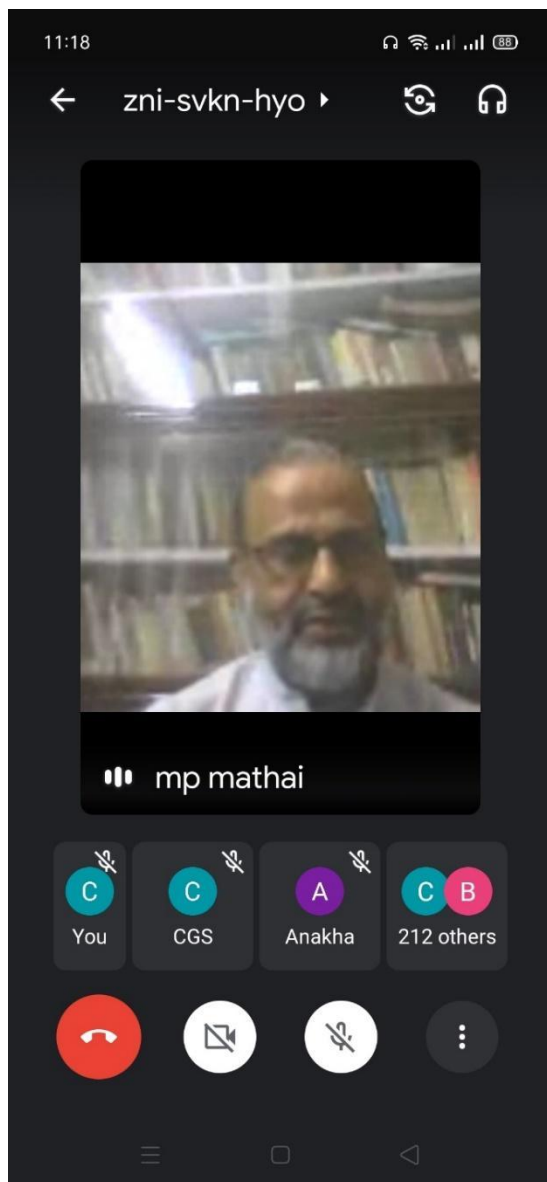
Figure 22 Brochure on Orientation program on Gandhi by Centre for Gandhian Studies

The Centre for Gandhian Studies organized a webinar on “Gandhi and Knowledge Society” on 29 September 2020 as part of celebrating Gandhi Jayanthi. The resource person for the webinar was Dr. M.P.Mathai, Professor, Gujarat Vidyapith; editor Gandhi Marg and former Professor and Director, School of Gandhian Thought and Development Studies.

Dr. Mathai spoke about Gandhi’s vision of an inclusive knowledge society, his sensitivity to the knowledge dimension of development, the manner in which knowledge is produced and used in society, the politics of knowledge – or the contending ways of seeing, understanding and transforming the world, and the emphasis that Gandhi placed on the significance of local

knowledge. The programme was of particular significance in the context of the transformation of education into online modes and the digital divides in society.

Participants from thirteen colleges and institutions participated in the programme, including sixteen teachers. The webinar certainly helped to promote and understanding of Mahatma Gandhi and provided a contemporary perspective to his thoughts and philosophy.



Dept. of Physics conducted an invited talk on ' Women in Science' Dr. Chitra Nayak, Tuskegee University, USA, 14-11-2020

DEPARTMENT OF PHYSICS
ALPHONSA COLLEGE PALA
PRESENTS

FIZIKA 2020


#LET'S BE "CURIE"OUS!

Association inauguration and
Talk on:

WOMEN IN SCIENCE

Chief Guest

Dr. Chitra R Nayak
Assistant Professor
University of Tuskegee
USA



On 14 November 2020 @ 9:30 am via google meet

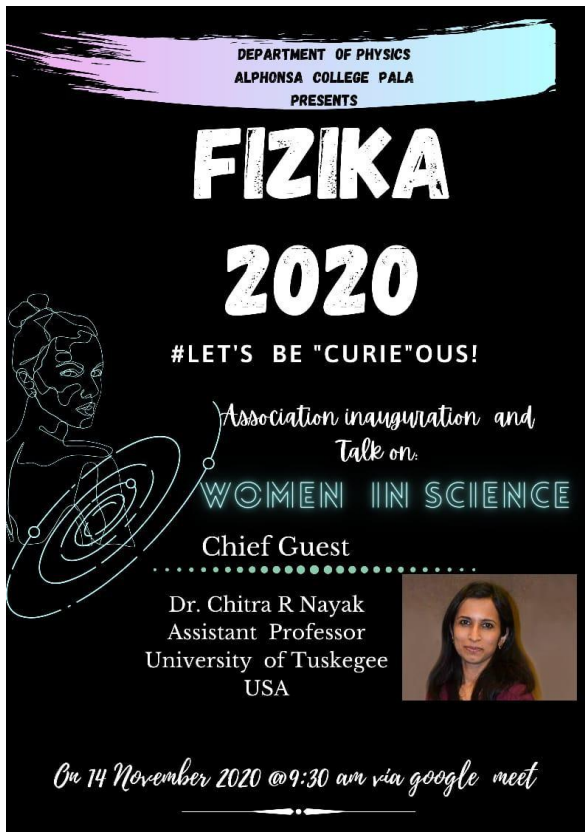
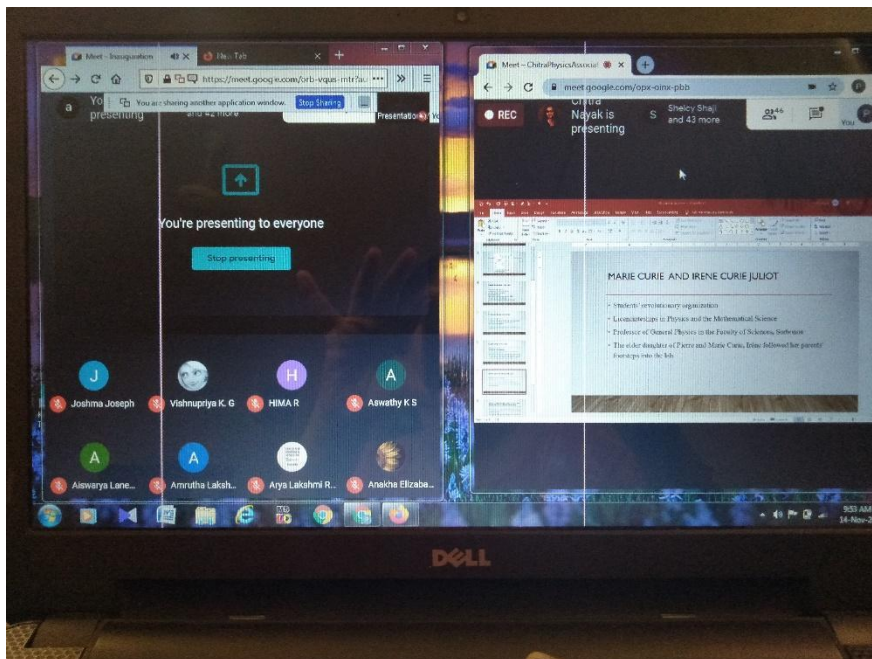



Figure 23 Screenshot on Orientation program, Department of Physics

Training on National Education Policy conducted on 17-11-2020 by IQAC and UBA

UNNAT BHARAT ABHIYAN and INTERNAL QUALITY ASSURANCE CELL

ALPHONSA COLLEGE, PALA

(Re-Accredited by NAAC with A grade)



WEBINAR :
NATIONAL EDUCATION POLICY 2020

RESOURCE PERSONS

Dr. Sunny Kuriakose
Vice Principal,
St. Thomas College, Pala

Rev. Fr. Mathew Alapattumedayil
Asst. Professor, Department of English,
St. Thomas College, Pala

2020
November
17
1.45 PM

Fyd-ymdw-dxr

Dr. Sr. Gigimol MG
Principal

Dr. Dani Mathew M
IQAC Co-ordinator

Dr. Vijutha Sunny
UBA Co-ordinator

Figure 24 Brochure on orientation on National Education Policy

Webinar on the new National Education Policy-2020 was jointly organised by IQAC and UBA cell of Alphonsa College, Pala on 17th November 2020. The first session was taken by Sunny Kurikose, Department of Chemistry, St. Thomas college, Pala. Prof. Sunny Kuriakose briefly explained the historical advances of the country's education policies after its independence. The different aspects of policy making and the evolution of National Education Policy-2020 were summarised. The second lecture was delivered by Fr. Dr. Mathew Allapattumedayil, Department of English, St. Thomas College, Pala. The present perspectives of new education system and the need of change required for development of the nation through education was analysed in the second session. A fruitful discussion on the queries from the audience was done at the end of the talk. The programme was recorded and published in Youtube channel of Alphonsa college (https://youtu.be/fA_bvsPs7kY).

FDP on Moodle Learning Management System by Spoken tutorial project - IIT Bombay, 04/01/2021 - 08/01/2021

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Palai, Kottayam
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One Week Online Faculty Development Program

on
MOODLE
LEARNING MANAGEMENT SYSTEM

04-01-2021
TO
08-01-2021

In Association with

SPOKEN TUTORIAL
SOFTWARE TRAINING PROJECT
Developed by IIT BOMBAY

spoken-tutorial.org

Organizing Committee
Dr. Sr. Gigimol MG, Principal
Dr. Dani Mathew M (IQAC Coordinator)
Ms. Annu Paul and Ms. Rekha Mathew
(Course Co-ordinators)

Organized by
INTERNAL QUALITY ASSURANCE CELL

Figure 25 Brochure on Faculty Development Program

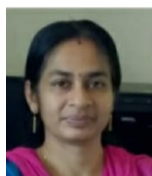
Dept. of Chemistry conducted invited talks on Higher studies and scope in Chemistry, Dr.Sandhya Rani, NIT, Calicut 09-01-2021 and on Chemistry and Chemists beyond textbook , Dr. Ann Maria Benoy, IISc, Bangalore, 07-03-2021

Department of Chemistry
Alphonsa College
Association Inauguration

On 09/01/2021 via Google meet

Welcoming freshers : 9.30 am to 11.00 am

Official inauguration : 2 pm to 3 pm



Chief guest
DR.N.SANDHYARANI
Professor at School of material
science and engineering
NIT, Calicut



CHEMISTRY ASSOCIATION
ALPHONSA COLLEGE, PALA


TALK ON : CHEMISTRY AND CHEMISTS - BEYOND TEXTBOOKS

Annmariya Binoy
PMRF at IISc Bangalore


On 07/03/2021 , 3.00 pm to 4.00 pm via Google meet

Figure 26 Brochure on orientation program , Department of Chemistry

Conducted courses on C, C++, Python , Geogebra for students in Jan- March 2021



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Palai, Kottayam
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MOOC COURSE S FOR STUDENTS

Courses
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python
geogebra
Basic IT Skills
Latex
ChemCollective

Starting
JANUARY
9TH 2021

In Association with



SPOKEN TUTORIAL
SOFTWARE TRAINING PROJECT
Developed by IIT BOMBAY
A PROJECT OF THE NATIONAL FOUNDRY AND EDUCATION THROUGH ICT
INITIATIVE OF THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA

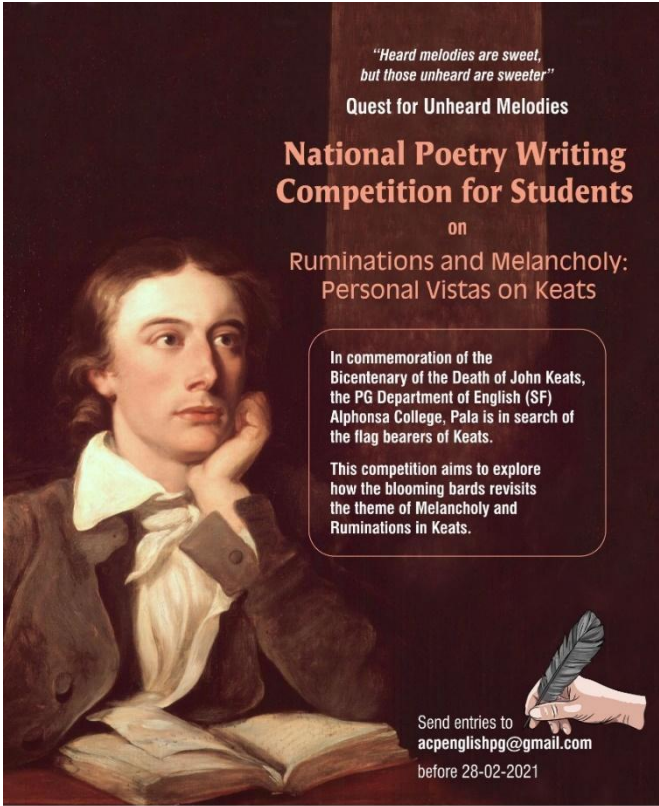
spoken-tutorial.org

Organizing Committee
Dr. Sr. Gigimol MG, Principal
Dr. Dani Mathew M (IQAC Coordinator)
Ms. Annu Paul and Ms. Rekha Mathew
(Course Co-ordinators)

Organized by
INTERNAL QUALITY ASSURANCE CELL

Figure 27 Brochure on Spoken tutorial programs

National Level Poetry Writing Competition on 'Ruminations and Melancholy: Personal Vistas on Keats' ,28-02-2021, P.G. Department of English (S.F)



*"Heard melodies are sweet,
but those unheard are sweeter"*

Quest for Unheard Melodies

**National Poetry Writing
Competition for Students**

on
Ruminations and Melancholy:
Personal Vistas on Keats

In commemoration of the
Bicentenary of the Death of John Keats,
the PG Department of English (SF)
Alphonsa College, Pala is in search of
the flag bearers of Keats.


This competition aims to explore
how the blooming bards revisits
the theme of Melancholy and
Ruminations in Keats.

Send entries to
acpenglishpg@gmail.com
before 28-02-2021

First Prize:
₹2000

Second Prize:
₹1000

Dr. Sr. Gigimol M. G. (Principal)
Mrs. Jessy K. Jose (HOD)
Mrs. Swapna Mary Varghese (Co-ordinator)



**PG Department of English (SF)
Alphonsa College Pala**

**Competitions conducted by the Department College /
Intercollegiate Level.**

The P G Department of English (S F) has organised a **National Level Poetry Writing Competition** for Students on **28th February 2021**. Miss Anusree Wilson of St.Joseph's College , Moolamattom secured first prize with a cash prize of Rs2000/- . Miss Subitha Sudhakaran of St. Thomas College, Pala won the Second Prize and was awarded a cash prize of Rs 1000/. **39 students participated.**




Figure 28 Poetry Competition

Dept. of Mathematics conducted All Kerala Intercollegiate Mathematics Quiz competition, 05-03-2021



The brochure is a vertical rectangular poster with a teal and white color scheme. It features decorative geometric patterns at the top and bottom. The text is arranged in a central column, flanked by two circular images of books. The top left contains the title 'ALL KERALA INTER - COLLEGIATE QUIZ COMPETITION'. Below it, a teal circle contains the text 'Organized by, MATHEMATICS ASSOCIATION ALPHONSA COLLEGE, PALA'. To the right, the competition schedule is listed: 'Quiz competition has two rounds: Preliminary round on 04/03/2021 at 10:00 am, Final round on 06/03/2021'. Below this is a 'Register here' link. Further down, a WhatsApp group link is provided. At the bottom, a white circle states 'Winners will be awarded with e-certificates and cash prizes.' On the right side, contact information for three individuals is listed. Two circular images of books are placed on the right side of the brochure.

**ALL KERALA
INTER - COLLEGIATE
QUIZ COMPETITION**

Organized by,
MATHEMATICS ASSOCIATION
ALPHONSA COLLEGE, PALA

Exclusively for
UG Students

Quiz competition has two rounds:
Preliminary round on 04/03/2021 at
10:00 am
Final round on 06/03/2021

Register here

<https://forms.gle/G6jDJKFv9i8In3Dv5>

Follow this link to join
Mathematics quiz WhatsApp group

[https://chat.whatsapp.com/
IapJy37KKkGARxid42bQQ](https://chat.whatsapp.com/IapJy37KKkGARxid42bQQ)

Winners will be
awarded with
e-certificates and
cash prizes.

Contact us :
Dr Sonia K Thomas : 8281879099
Dr Sheena Mathew :968107700
Manju Jose : 9446049331
Anju Thomas : 8281286296

Figure 29 Brochure of All Kerala Mathematics Quiz

Dept. of Chemistry conducted Dr. Lt. Lucy Mathew memorial Powerpoint presentation competition, 22-03-2021

Lt. Dr. LUCY MATHEW P. MEMORIAL NATIONAL LEVEL POWERPOINT PRESENTATION COMPETITION

'CHEMCHEMY 2021'



1st PRIZE ₹3000
2nd PRIZE ₹2000
3rd PRIZE ₹1000

Organised by
DEPARTMENT OF CHEMISTRY, ALPHONSA COLLEGE, PALA,
Kottayam, Kerala. Reaccredited by NAAC with A Grade (CGPA 3.24)



Lt. Dr. Lucy Mathew P., a passionate teacher and an ardent researcher, was the Head of the Department of Chemistry, Alphonsa College, Pala. During her teaching career, which spanned over 30 years, she worked sincerely for the welfare of the College and the well-being of her students. Known for her enthusiasm and drive, she served as the Associate NCC Officer, Staff Co-ordinator, NSS Programme Officer and the Director of Adventure Club. Admired by her students for her unique way of teaching and loved by her colleagues for her unfathomable confidence and zeal, Lt. Dr. Lucy Mathew P. is a revered memory in the hearts of all Alphonsians. We remember her fondly and pray for the repose of her soul.

1960-2020

Dear Sir/Madam,

Department of Chemistry, Alphonsa College, Pala, is organising an **INTER-COLLEGIATE POWERPOINT PRESENTATION COMPETITION "CHEMCHEMY 2021"**

We request you to kindly submit two entries from the UNDERGRADUATE LEVEL, to represent your esteemed institution. We expect your whole-hearted co-operation in making this event a great success.

Dr. Kochurani George
Ms. Diana Elizabeth Jose
Staff Co-ordinators

Dr. Sr. Gigimol M.G.
Principal

Dr. Sr. Jilly James
H.O.D. Chemistry

THEME:
CHEMISTS FIGHTING COVID-19 - A GLOBAL CONVERSATION

For details contact us **9207 766 401**

Rules & Regulations

1. Each College can submit two entries. Undergraduate students from any stream can participate in this competition.
 2. There is no registration fee.
 3. Entries must be recorded in video form, shot in landscape mode, showing the participant presenting the slides. The presentation should be continuous and should not exceed 7 minutes. Edited videos will be rejected.
 4. The presentation shall not contain any copyrighted material.
 5. The presentation can be submitted as a file attachment or link of cloud stored file to the email: acpchemistryfest@gmail.com
 6. The e-mail should contain the address of the participant along with phone number. Participants are requested to attach a certificate of id from the Head of the Department.
 7. Last date of submission is **22 March 2021**. List of winners will be published on 30th March.
- First Prize - Rs. 3000/- Second Prize Rs. 2000/- Third Prize Rs. 1000/-**

The department of chemistry organised Dr. Lt. Lucy Mathew P Memorial Inter Collegiate Power Point Presentation Competition "CHEMCHEMY 2021" at national level on the memorial of Dr. Lucy Mathew P., who was the head of the department of chemistry. A cash prize of Rs- 3000/- , Rs- 2000/- and Rs-1000/- was respectively given for the 1st ,2nd and 3rd prize winners.

I Prize-Rainie Cherian-II DC Chemistry-Assumption College, Changanacherry

II Prize-Aneena Raphael K. II DC Chemistry-St Xavier's College for women, Aluva

II Prize-Alvinraj A-III DC Chemistry-Loyola College Mettala, Oilpatti P.O, Namakal, Tamilnadu



Figure 30 Presentation of First Prize winner on Powerpoint competition

34th Bishop Vayalil Memorial All India Quiz Competition ,23 March 2021



The flyer is divided into two main color sections: a light yellow section on the left and a dark blue section on the right. The yellow section contains the college logo, a portrait of a man in a turban, the event title, a 'QUIZ COMPETITION' logo, and event details. The blue section contains a list of general instructions, contact information, and prize details. A light blue geometric pattern is visible in the background of the blue section.

ALPHONSA COLLEGE
PALA

34th
BISHOP VAYALIL
MEMORIAL ALL INDIA
INTER COLLEGIATE

QUIZ
COMPETITION

Organized by: THE STAFF OF ALPHONSA COLLEGE

Date: 23rd March 2021
Time: Prelims: 10:30 am
Final: 12:00 pm
Venue: Seminar Hall

GENERAL INSTRUCTIONS

- No registration fee
- Each college can be represented by a team of two students
- Participants are requested to register using the google form provided
- Participants are requested to report at 10:30 am for prelims on 23rd March 2021
- Participants should submit their identity cards on arrival
- Questions will be based on general topic
- No TA/DA will be provided

For further enquiries

Contact:

Dr. Sonia Sebastian : 9495472353
Ms. Cinnie Susan : 9446839860

PRIZES & AWARDS

First Prize: Ever Rolling trophy & Cash Award of Rs. 5,000/-

Second Prize: Cash Award of Rs. 2,500/-

Third Prize: Cash Award of Rs. 1000/-

[CLICK HERE TO REGISTER](#)

The college quiz club activities promote general knowledge among our students. Students of any discipline can become members of the Quiz Club. The activities of the Club are guided and supervised by teachers nominated by the Principal. The quiz club screens and selects students to participate in intercollegiate quiz competitions. This year the quiz club has organized Bishop Vayalil Memorial Intercollegiate Quiz Competition on 23 March 2021. Due to the Covid 19 restrictions the competition was conducted in the seminar hall without audience. Certificates and cash awards of Rs. 5000/-, 3000/- and 1000/- were given to first, second and third prize winners respectively. The winners are:

First Prize: St. Mary's College, Manarcadu

Second Prize: Central University of Hyderabad

Third Prize: University College, Thiruvananthapuram



Figure 31 Winners of Bishop Vayalil Quiz competition