



THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University

Re-accredited by NAAC With B+ Grade



Fourth Cycle
NAAC Accreditation 2024

Criterion 6 Governance, Leadership and Management

6.3 - Faculty Empowerment Strategies

Metric No. 6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Annual Report 2020-2021

Submitted to



National Assessment and Accreditation Council



THE COCHIN COLLEGE

KOCHI - 682 002

(Affiliated to Mahatma Gandhi University and Accredited by NAAC)

Website: www.thecochincollege.edu.in

email: email@thecochincollege.edu.in



The Cochin College Chronicle

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March 2021





Note from the Manager
Thomas J. Vayalat

The Cochin College, established in 1967, by the Cochin Educational Society, has been incessantly following its mission of facilitating effective and efficient support to students in their academic pursuits. The right of equal accessibility to higher education, especially to the economically weaker sections of the society, as mentioned in a number of international human rights instruments, had been the vision of the founding members of the institution. The college, located

in West Kochi, is an affiliated institution of Mahatma Gandhi University and a leading educational institution in Kerala for arts, science and commerce. The college is the first example of the PPP model in higher education in the country. From its modest and unpretentious beginning as a junior college, it has come a long way in its journey to success. The institution, at present offers 13 undergraduate courses, 6 post graduate courses and 2 UGC sponsored add-on courses. In 2005, the college attained the status as a research centre with the departments of Physics and Commerce evolving into research centres. Commemorating the golden jubilee year in 2017, a new double storied building with spacious classrooms, was inaugurated in the self financing wing. A new canteen building, catering for both aided and unaided

sectors, started functioning in 2018. Focused on its mission of providing quality education and ensuring skill development to augment the potential of the youth towards societal commitment, the college functions in a climate of unity and secularism. A team of dedicated teachers take the students along, motivating and guiding them in the path of knowledge and wisdom and together contribute towards the welfare and development of society and participate in the building up of a strong nation. Non academic initiatives, co-curricular and extra curricular activities are also given due importance in the curriculum. By providing a context-sensitive learning atmosphere, considering the local and socio-cultural particularities of the area, the institution has been successful in developing student potential and enhancing skills and help them attain self-sufficiency.



From the Principal's Desk
Ms. Mrudula V. Menon

As the novel coronavirus escalated into a global pandemic, there was an abrupt and nearly universal shift to distance learning. What at first seemed like a temporary, emergency situation quickly gave way to a new normal. Though there were initial challenges, our college too adapted to online classes by making the best use of it, as a full year almost comes to an end. While students still miss campus life, students and faculty feel that apart from practical classes, online classes have been almost as same as regular physical classes. In fact, students agree that online learning has given them extra time in their hands. The sudden transition to online education due to Covid-19

pandemic, was well managed by our committed teachers and therefore the institution could make the switch smoothly using online platforms such as Zoom, Google classrooms and Microsoft teams. The teachers were also sharing study materials and audio files with students over the internet. Lectures were recorded and uploaded in Google classrooms so that they could gain access to the content at their own convenient time.

Depending on the nature of the course and students' internet access, teachers supplemented learning tools with assorted social media and other online platforms. Interactions, broadening of ideas, free-flowing open discussions, debates, and mentoring of each student were all taken care of so that these integral aspects of teaching - learning experiences are not lost in translation to the online platform. The key success factor was that both students and faculty got comfortable with technology. Our teachers got

sufficient training in conducting online classes using different digital platforms. The shift to online education has meant rethinking lesson plans to fit a very different format and use innovative methods of teaching using different online tools.

Though there is just no way to virtually replicate the important social interactions that take place in the classroom and that the students miss the whole emotional experiences, the euphoria and the pride that comes into it, online education has been successful in achieving academic continuity. There was no dearth of webinars organised by our different departments for the student on a wide variety of topics. The teachers also made the best use of their time by participating in online courses, workshops and FDPs, thereby enhancing their knowledge and updating their skills in their respective fields. The digital transformation initiated by the pandemic, equipped the teachers too with divergent skills and competencies.





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INIZIO-2020

As per "Deeksharambh" guidelines of UGC, a student induction programme was conducted via online platform from 22 October 2020 to 30 October 2020 to help new students adjust and feel comfortable in the new environment, to inculcate in them ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a larger purpose and self exploration covering a number of different aspects such as socializing, associating, governing and experiencing {SAGE}

Starting with the Principal's address on the first day, there were a variety of sessions-Three invited lectures, Two sessions of alumni interaction, Five sessions of department orientation, Sessions to introduce second languages, 16 Video presentations by various committees, Two sessions on health, yoga and exercise, Two tutorials on LMS, Google doc and PPT, Orientation on SWAYAM and MOOC, Five assignments and Five feedback forms.

Department orientation including introducing the students to the syllabus and departmental activities were conducted. A session on Health and Exercise was done by Dr. Manju V. Subramanian, Assistant Professor, Department of Zoology on the topic 'Importance of Being Active'. A class by SoorajAbraham, Senior Executive Trainer, SparXLifeskills was conducted on the topic 'The Edge: Envision, Endeavour, Excel'. Students were also introduced to various committees and clubs. An ICT Orientation on 'New Normal Classes' was provided by Dr. Paulbert Thomas, Assistant Professor, Department of Electronics. There was a class on

Yoga and Meditation by Dr. Vineeth Kumar T.V and also an invigorating lecture on 'The Human in Human Capital: Importance of Positive Youth Development in Human Resource Development' by Dr. M. C. Dileep Kumar, Former Vice Chancellor, Sri Sankaracharya University of Sanskrit, Kalady. An Introduction to SWAYAM Courses was offered by Cochin College librarian, Ms JeenaJayan. A class on power point presentation was conducted by Dr. Rajani B Bhat, Assistant Professor, Department of Commerce. A discussion on possible career options as well as MOOC courses were also discussed with the students. Dr A. K. Prema, Program Co-ordinator and Program in charge, IGNOU, Cochin Regional Centre gave a lecture on 'Emotional challenges and Coping in Adolescence'.

Each department spent at least 30 hours (5 days, 9.30am-4pm) for equipping the students for a fruitful college life. Altogether 325 hours were spent for the program. The students were asked to submit reports and feedbacks on the induction program which proved to be highly successful.'



Institutional Orientation
by Principal
Ms Mrudula V Menon



Session on PTA
by Dr. Hari Priya



NSS orientation by
Dominic T Joseph



Women Guidance Cell
by Srividya K.S



Film Club by
Reethi P



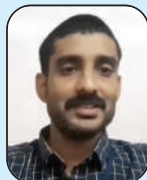
Knowledge FM
by Remya M.L



Invited Talk
Dr. A.K Prema



Nature Club by
Dr. Smitha N.R



WWS by
Dr. Jayesh Kuriakose



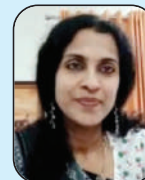
Career Guidance Cell by
Dr. Liance Mathew



Cultural club by
Sri. Unniraja P.S.



MGU MOOC by
Dr. Mini P. Mathai



Literary & Debating Club
Dr. Soney Bhageeradhan





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Corontine Musings

To ignite young minds and creative enthusiasts, the department organized an online short story, poetry and poster designing competition on the theme “**The Lockdown: Experiences, Lessons and Horizons**”.

CCOLT

Two online initiatives introduced by the department were **The Cochin College Online Literary Test (CCOLT) 2020**, an MCQ- based literature proficiency test, qualifying which a digital certificate was offered by the department and **An Introduction to UGC-NET English (Paper II)**, a short fully online preparatory course aimed at UGC-NET aspirants.

Webinar 1

The Department of English conducted a webinar on **Performance Making as Knowledge Production** on 29th May 2020. The resource person for the programme was Mr. Deepan Sivaraman, Dean, School of Culture and Creative Expressions, Ambedkar University, New Delhi. Students and academicians from various institutions actively took part in the webinar.

Webinar 2

A webinar on **Introduction to Twentieth Century and Early Twenty First Century Literary Criticism and Theory** was conducted by the department on 28th May 2020. The resource person for the programme was Dr. Samuel Rufus, Associate Professor, Madras Christian College, Chennai who elucidated on a broad range of tendencies and movements that contributed to growth of theoretical thought.

Webinar 3

The department organized a webinar on “**Learn ‘IPA’, Quicker Thro’ Mother Tongue**” by the resource person Jose Mundancherry on 27th July 2020.

Publications

Reethi P.

- Kailash Manasarovar Yatra- A journey of Self: An analysis of Travel Narratives by M.D.Suresh Babu
Alochana Chakra Journal UGC Care Group 1 Journal Volume IX, Issue V, May 2020
- Himalayan Dreams- Travel Blogs as Cultural Constructs in Post Truth Era. IJELLH Vol.9 , Issue 1, January 2021

Paper Presentation:
Two day National Seminar conducted by Nallamithu Gounder Mahalingam College on Understanding Literature in the context of Contemporary Theories: Indian and Western perspectives. On 7 and 8 may 2020

National Webinar

IQAC in association with the Department of English and Commerce organized a national webinar on **Corporate Readiness** to train young minds on Interview and presentation skills on 25 May 2020. The resource person for the programme was **Dr. Itishri Sarangi**, Associate Professor in English, KIIT University, School of Humanities and Social Sciences.

An online session was conducted for students, who have opted French for their second language, on 30th July 2020. The session was a talk delivered by by Dr. Somadha Mohan. The topic was titled *Learning French through stories*. The ancient Japanese storytelling method called “ Kamishibai “ was used to introduce French grammar and vocabulary.

L'apprentissage du français à travers des histoires: À la Kamishibai

Resource Person
Dr. Somadha Mohan
Associate Professor
French (second)
The Cochin College

Date: 30th July 2020
Time: 10:30am





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The Cochin College, Thrissur
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E Quiz

A National level E Quiz was conducted in connection with Hindi Day Celebration on 14 September, 2020

Webinar

Webinar on Globalisation & Contemporary Poems by Dr. B. Vijayakumar, Associate Professor (Retd), Government College, Thrissur on 24 September, 2020

Department of Hindi
The Cochin College, Kochi - 2
in association with
Internal Quality Assurance Cell (IQAC)

Webinar on
भूमण्डलीकरण और समकालीन हिन्दी कविता
बाजार, आज़ादी उर्फ़ मुज़ामी, छीनने आर है ये-कविताओं के विशेष संदर्भ में

Resource person: Dr. B. Vijayakumar
Associate Professor (Retd)
Government College Thrissur

Date: 24 September 2020
Time: 12.30 pm
Platform: Google meet
<https://meet.google.com/puc-wenz-kkn>



മലയാളം വിഭാഗം



ജിയോ ബേബിയുമായി അഭിമുഖം



കൊച്ചിൻ കോളേജ് മലയാള ഭാഗവിലൂടെ ആയിരുന്നൂറ്റത്തിൽ മഹത്തരമായ ഭാരതീയ സാഹിത്യകൃതികളുടെ സമ്പ്രദായം

ജിയോ ബേബിയുമായി സംവാദം

സംസാരിക്കൂമോ! കൈകൾനടക്കും ടെബിൾ?

ലോക മാതൃഭാഷാ ദിനം



കൊച്ചിൻ കോളേജ് മലയാള ഭാഗവിലൂടെ ആയിരുന്നൂറ്റത്തിൽ മഹത്തരമായ ഭാരതീയ സാഹിത്യകൃതികളുടെ സമ്പ്രദായം

എം. ആർ. ഭരണകൂടമാർ സംസാരിക്കുന്നു

കൊല്ലമുറയിൽ! അംഗങ്ങളുടെ കൈകൾനടക്കും ടെബിൾ?

പ്രസിദ്ധീകരണങ്ങൾ
ഡോ. പുർണ്ണിമ സി.സി.

1. നൂറ്റാണ്ടുകൾക്കപ്പുറം (കവിത) കലാപുർണ്ണ, 2. വൃന്ദ പാലാട്ടിന്റെ കഥകൾ - ഭാഷാ ബുക്സ്,
3. ടി.പി രാധാകൃഷ്ണന്റെ കവിതകൾ - ഗ്രീൻ ബുക്സ്, 4. ഭാരതീയ അടുക്കള (സിനിമാ നിരൂപണം) - ജ്ഞാനപ്രസാദ്, 5. രണ്ട് പെണ്ണുങ്ങൾ - ലിറ്റർ ആർട്ട്, 6. നവമാധ്യമ എഴുത്തു (പഠനം) - മഹിളാ ചന്ദ്രിക, 7. പ്രണയം പഠനസാഹിത്യത്തിന് ശേഷം (കവിത) - ഇമ, 8. രുചിക്കൂട്ട് (കവിത) - ജ്ഞാനപ്രസാദ്, 9. പ്രിയപ്പെട്ടവനേ (കവിത) - പ്രഭാത രശ്മി, 10. കൊറോണക്കാലത്ത് (കവിത) - പ്രഭാത രശ്മി

Shashtrapadham 2020

Faculty members from various departments served as resource persons for a Career Guidance Webinar "Shashtrapadam 2020" for High school/higher secondary students. 'Shashtrapadam' was an awareness programme for plus two students on career opportunities.





KEY NOTE SPEAKERS

Mrs.USHA BHARAT ... Ms.SAJAY GEORGE ... Mr.SANTHOSH P.S
DPC, SSK ERANKULAM ... DPO SSK ERANKULAM ... BPC URC MATTANCHERRY

Resource persons of Webinar :-

| | | | | |
|--------------------------|----------------------|-----|------------------|--------------------|
| Higher Secondary Section | Prof. Rakia P.G. | ... | Accountancy | THE COCHIN COLLEGE |
| | Prof. Harpreet | ... | Business Studies | |
| | Prof. Rajitha | ... | History | |
| | Prof. Snehitha | ... | Geography | |
| | Dr. P. V. Srinivasan | ... | Biology | |
| | Prof. Anil P. Manoj | ... | Physics | |
| | Prof. Manjula M.V. | ... | Chemistry | |
| | Prof. P. P. Pritha | ... | Mathematics | |
| | Prof. C. Dominick | ... | | |

High School Section :-

| | | | |
|-------------------|-----|-----------------|----------------------------------|
| Area Teacher | ... | General Science | EMBISA Fortals |
| Area Teacher | ... | Social Science | St. Paul's B.S. Kothamangalam |
| Mr. Bernard, K.A. | ... | Mathematics | Govt. Arts Science College, Puzh |



Mendula Menon V.
Mrudula Menon V.
Principal-in-Charge
The Cochin College



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Activities of The Cochin College Library along with Malayalam Department

Webinar 1

On 12th June 2020, prominent Malayalam poet, P.Raman presented his views in the webinar titled *Adayalapeduthathe poya malayala kavikal*.

Webinar 2

On 18th June 2020, another webinar titled *Ezhuthile njan* was conducted and the key speaker was Ms.Indu Menon.

Webinar 3

Sahithyathinoruamukam was conducted on 20th June 2020 and the resource person was Subhash Chandran.

Webinar 4

Puthiya kalam: puthiya ezhuth toed the line on 26th June 2020, with the expert talk by T.D Ramakrishnan.

Book Review

An intercollegiate book review competition, *pushthaka nirupanam* was conducted on June 29th, in which, Anagha Babu of Vimala College, Thrissur secured first prize, Kannan M. of S N College, Kollam secured second prize and Diyana B. Shajahan of Hyderabad came third.

Library & WGC

A webinar on rights of girl child in India was conducted as part of observing National Girl Child Day on 25 January 2021 and the resource persons were Dr.P .S Seema and Dr Binu Mole K.from CUSAT.

Library & IQAC

Webinar 5

A webinar on Reference Management Software was held on 13th August 2020 and the resource person was Smt. Vineetha Davies V, Librarian, St.Aloysius College, Thrissur.

Webinar 6

Another webinar targeting civil services aspirants, named *Corridor to Civil Service* was conducted on 12th September 2020 and the main speaker was Mr. Jyothis Mohan, IRS, presently holding the appointment of Joint Commissioner of Income Tax, Mumbai.

Webinar 7

Talk on the challenges faced by the public libraries today.

Observing Malayalam week

Katha Parayana Malsaram

Malayala Bhasha Vaaracharanam began with Katha Parayana Mathsaram on November 5th 2020 in which: Rehana A.A. of III B.Sc. Chemistry, Daniya Antony of II M.A English, Shahana of II B.Sc. Botany, secured first, second and third prizes respectively. An online intercollegiate competition, *Malayala Sahithya Presnothari* was conducted on 6th November in which the winners were: First prize: Shyamili Rajendran, Bharath Matha College, Trikkakara, Second prize shared by: Sachin Surend, The Cochin College, Anila A, Bharath Matha College Trikkakara, Sanaal Majeed K.A, The Cochin College, Souparnika S, The Cochin College, Teena Jose, Bharath Matha College

Photography Competition

A photography competition named *Maarunna Keralam* was conducted online on 7th November and Muhammed, Sabith H, The Cochin College, Joseph Thankachan, St. Peters College, Kolencherry, Haritha Santhosh, The Cochin College, secured first, second and third prizes respectively. Video messages on Malayala Bhasha Varacharanam were shared with students on the same day.



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The Cochin College, Kerala
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Department of Physics

First Online Assessment
Department of Physics, The Cochin College began its activities by various training programs towards implementation of online classes, in view of covid-19 outbreak. The Department, in collaboration with Science and Quiz Club conducted the first online internal assessment to B.Sc. Physics and B.Sc. Chemistry students. The response shown by students was an inspiration to go further with such programs. Department conducted many online training sessions to the teachers and students of the college.

Webinar
Department conducted a webinar on "Cosmic Perspective: an Astrophysical View of the Universe" by Dr. Anand Narayanan, IISST on 22 August 2020.



Basic Econometrics

The Department of Economics conducted a lecture series on Basic Econometrics for undergraduate



Retired

Dr. Sarat Chandran P.P

International Web Conference
Department organized an International web conference on "Speech technology Development for Humans and Robots" on 19-12-2020. Jesin James, Lecturer, The University of Auckland, New Zealand presented the expert talk.

Aspire
An online seminar "ASPIRE" on "Higher Education and Job Opportunities for Science Graduates" was organized by the Department in association with the departments of Electronics and Science and Quiz Club on 16-01-2021, in which Dr. Paulbert Thomas, Department of Electronics and Vijeesh P, Department of Physics interacted with students and gave the expert views on the topic.

Faculty Achievements
Dr. Jose Mathew, Assistant Professor, department of Physics gave an expert talk on "Inflation as a solution to cosmological Puzzle"

at department of Physics, Govt. Arts and Science College, Calicut on 10 November 2020.
Dr. Jose Mathew, Published a research paper on topic "Infinitely degenerate exact Ricci-flat solutions in f(R) gravity".
Dr. Annieta K. Philip co-authored research paper "Biomediated Green Synthesis of Copper Nanoparticles using Piper nigrum Leaf Extract" and published in Journal of Nano Science and Technology.
Dr. Annieta K. Philip co-authored research papers on "Al₃Fe₅O₁₂ Nanoparticles Loaded Electrospun PVDF Fibers: An Inorganic-Organic Material with Multifunctional Traits" - submitted to New journal of chemistry, and "Multiferroic and Energy Harvesting Characteristics of Flexible and Self-standing P(VDF-TrFE)-CuFe₂O₄ Films" - submitted to Journal of Alloys and compounds, An Elsevier journal.
Dr. Manjusha M.V. received certificate of appreciation from CEO, ASAP, Govt. of Kerala for being resource person in the webinar conducted by Additional Skills Acquisition Programme.




Ph.D. degree was awarded to Paulbert Thomas on 28 May 2020 on the topic "Non-metallic conductors in antennas and absorbers for wideband microwave applications"

students in September 2020. Dr. K.P. Vipin Chandran, Assistant Professor of Economics, KMM Government Women's College, Kannur was the key speaker. Students from neighboring colleges also attended the webinar.

Career opportunities

As part of the orientation programme for first year undergraduate students, the

department organized an interactive session with notable alumni of the department. Francis C.A., Assistant Professor of Economics, St. Alberts College, Ernakulam and Ms. Sameena P. Salam, who successfully completed her Master's degree from University of Limerick, Ireland and University of Liege, Belgium interacted with the students.

11.01.2021 organized by MHRD-TLC, University of Calicut, Department of Education and also for the One Week Online FDP on OBS and Kdenlive for video editing, Providence Women's College, Calicut on November 23-24, 2020
Dr. Paulbert Thomas delivered a talk on Technical aspects in Remote teaching at NSS College, Rajakumari, Idukki on August 01, 2020





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DEPARTMENT OF CHEMISTRY



Sanitizer making
Department of Chemistry of The Cochin College was the first to take initiation for the preparation and distribution of hand sanitizers following the regulations of WHO during the days of Covid pandemic and it gained much appreciation. Taking it a social responsibility, Department of Chemistry, with the support of the college management prepared 1000 bottles of hand sanitizers and distributed to the public.



Orientation Class for Final year students
An orientation class on various job opportunities and courses in Chemistry which will equip the students to follow career advancement was organised by the department on 25-10-2020. The resource person was Dr Roshith Roshan, Scientist, ISRO, Tvm.

Meet the alumni
The department conducted a motivational class for the first year B.Sc students on 13-11-2020. Dr Rejimon P. K, Assistant Professor, Maharaja's College, Ernakulam was the resource person.

Achievers



Kavya Mohan secured 10th rank from M.G University for M.Sc. Chemistry.



Vidhya Venugopal,



Lakshmi Subhash



Sanjana K S

&



Sahala V. A.

Secured A+ in final B.Sc Examination.

Self-Financing Wing

The Department of Computer science of the Self-Financing Wing of The Cochin College organized a Webinar on the topic, *Bridging the Gap Between Education and Industry* on 18th December 2020. The resource person was Mr. Joseph Job, the Chief Technology Officer in Spectrum Sofitech Solutions Pvt. Ltd. Cochin.



SPEAKER
Mr. Joseph Job
Chief Technology Officer
Spectrum Sofitech Solutions Pvt Ltd
Cochin


18th December 2020




Botany

Organized photography competition in connection with World Wetlands Day on 2nd February 2021.




Achievers



Aswathy M.V.
A Grade 6th Rank
B.Sc. Model II Plant
Biotechnology



Reshma Antony
A Grade 7th Rank
B.Sc. Model II Plant
Biotechnology



Varsha P.S.
A Grade 9th Rank
B.Sc. Model II Plant
Biotechnology



Anjali M. Madhav
A Grade 11th Rank
B.Sc. Model II Plant
Biotechnology



Praveena Y.S.
A Grade 12th Rank
B.Sc. Model II Plant
Biotechnology



Observed Forestry Day on
21st March 2021





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**Department of
Zoology**

**International Tiger day
Celebration 29 July 2020- Their
survival in our hands**

An online Invited talk on the topic 'Challenges in tiger conservation in Kerala'. Sri Martin Lowel, Dy. Conservator of Forests, Munnar Forest Division was the resource person.



**ZOOPP-2020, Zoology Online
Project Presentation Competition,
5th August 2020**

The online presentations were evaluated by Dr Sanil George, Scientist EII, RGCB, Trivandrum and Dr Venketesh S, Associate Professor, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh. Susanna Jose, Sacred Heart College Thevara was awarded the first position, Bhavana S. Sabu, Government College for Women, Thiruvananthapuram and Arya P. TKMM College, Nangiarkulangara were awarded second and third positions respectively.



**International Ozone day
celebration, 16 September 2020.**

An International Invited lecture was organised as part of Ozone Day celebrations 2020. The online event was attended by students and faculty across India and Bangladesh. The

topic for the lecture was 'COVID 19 Impact: How the Vembanad lake responded when humans were less active'. Dr Grinson George, Senior Program Scientist, SAARC, Dhaka, Bangladesh was the key speaker.

CUBE Awards 2020

The students who completed their projects under the 'Students Scientist Program 2019' presented their projects as short video presentations during the TIFR- CUBE Annual Meet, November 2020. Two school students Mohammad Hanneen, 9th Std, St. Paul's PHS, Kochi and Amrita Lakshmi M.S, 9th Std, St. Mary's AIGHS, Kochi, were awarded the DD Kosambi Young Scientist Award 2020 and their school mentors Manju Shine, CUBE St Paul's Public School, Fort Kochi and Sr. Shiny Thomas, CUBE St Mary's Anglo Indian High School, Fort Kochi were awarded the Anil Sadgopal Award 2020, for Popularization of Science & Contribution to Science Outreach respectively. Two students of the department- Sreelakshmi P.R and Aleena Anish were also awarded the DD Kosambi Young Scientist Award 2020.

Awards and Recognitions- Faculty

Dr. Vineeth Kumar T.V, Anil Sadgopal Award 2020, for Popularization of Science & Contribution to Science Outreach

Dr Manju Subramaniam, Anil Sadgopal Award 2020, for Popularization of Science & Contribution to Science Outreach

Dr. Vineeth Kumar T. V, Resource person for Career Guidance in Life Science organised by RAA Shastrapadam, URC, Mattancherry

Dr. Meera Menon, Resource person, RICERCA-Online project presentation competition organised by St Joseph College for Women, Alappuzha.

Research Publications

Kavya Vinayachandran, Arpitha M R, Manju V Subramanian, Smitha N R, Vineeth Kumar T V, Princy Varghese. Isolation and Identification of Fungi associated with local fruits and vegetables from Kochi and Mattancherry Market, India. Bioscience discovery, 11 (4):239-248, Oct2020.

Subramanian, M.V., Smitha, N.R., TV, V.K., Abraham, S., Muhammed, M. and Ashraf, R., 2020. BIOMAG-Community Based Solid Waste Management through Re-

Cycling and Up-Cycling in an Adopted Ward Of Corporation of Kochi, Kerala, India. *American Journal of Multidisciplinary Research & Development(AJMRD)*, 2(12), pp.01-08.

Shyla, G., Vineethkumar, T.V., Arun, V., Divya, M.P., Thomas, S. and George, S., 2019. Functional characterization of two novel peptides and their analogs identified from the skin secretion of *Indosylvirana aurantiaca*, an endemic frog species of Western Ghats, India. *Chemoecology*, 29(5), pp.179-187.

Lekshmi Priya, P., Vineethkumar, T.V., Joseph, J., Asha, R., Thomas, S. and George, S., 2021. Synergistic Effect of Frog Skin Antimicrobial Peptides in Combination with Antibiotics Against Multi host Gram-Negative Pathogens. *International Journal of Peptide Research and Therapeutics*, pp.1-12.

Achievers



Ludhiya Williams
6th Rank M.Sc.
Zoology



Noorjahan
A+ B..Sc. Zoology



Sunaina P.I.
A+ B..Sc. Zoology

Athena Peter, Aswini A. Shenoy, Farhath A.A, Arpitha M. R, Saffwana M.F, Surraya P.M, Thahseena K.S, Raisa P.M secured A grade in M.Sc. Zoology

Raisa P.M, ZOOPP-2020, 5th position, organised by Department of Zoology, The Cochin College

Athena Peter, RICERCA-2020, National Level Project presentation competition, 2nd prize, organised by Research Committee, St. Joseph's College for Women, Alappuzha

Aiswarya NB, Poster making, First prize, organised by St. Thomas College, Thrissur

Sreelakshmi P R, Mobile photography, First prize, organised by Mar Thoma College for Women, Perumbavoor





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National webinar on Financial Aftermaths of the Pandemic on Indian Economy. The resource person of the session was Dr Vasantagopal R, Professor and Director, School of Distance Education, University of Kerala.

Three Days Bi-Annual Researchers Meet: The meeting aimed to train and educate the Ph.D scholars to increase their research productivity and become successful researchers. The meeting was held on 23rd, 26th, and 30th of June 2020 Dr. R. Vasanthagopal, Professor and Director, School of distance education, University of Kerala, chaired the 3 days sessions.

National Webinar on Govt. Schemes for Self Employment An outreach programme was organized by the department on various schemes provided by the Central and State Government and the resource person was Sri. Rajesh K. K. Industrial Extension Officer, Dept. of Industries and Commerce, Kerala.

Two Day Online workshop on GST Practitioners Training Programme was held for second year students on July 28 and 29 and the session was handled by Mr. Shahjahan K. H, Advisor & Academic Counsellor, Government of India, assisted by Shri. Lijo Jose, Specialised team leader-Kerala.

E Studio – Technique of Studying Research: A Project class was delivered to the second year post graduate students of commerce on 7 August 2020 by the Resource Person Dr. Madhusoodhanan Karta.

‘Familiarising Research’ was conducted on 10th August 2020 and the resource person was Dr. Sony Kuriakose, Assistant Professor, Nirmala College, Muvattupuzha.

“Rights of Women and the Response of International Human Rights Paradigm: Certain Basic Insights” and **“Human Rights Perspectives on Children: Basic Reflections”** was a talk on 13th August 2020 as part of Talkathon Lecture Series in two sessions and Dr. Vani Kesari, Director of School of legal studies handled both the sessions.

On securing top ten positions in MG University B Com Model (Land II) Examination 2020

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A Pallavi V. L. of II

C M.Com. qualified for

H JRF in June 2020.

I Ashitha N.A of II

E M.Com. qualified for

V JRF in December

R 2020.

S

Achievements of faculty

Rekha P.G.
Book Authored:
Personal Investment and Behavioral Finance for Post Graduate Students, Prakash Publications, Kerala.

Dr. Rajani B.Bhat
Joined as Research Guide of Commerce in May 2020.
Board of Studies Member for U G Commerce of Sree Narayana Guru Open University, Kollam.
Books Authored:
1. Goods and Services Tax – For Undergraduate students of Universities of Kerala 2020 *T R Publications, Chennai*
2. Fundamentals of Indirect Taxation - For Undergraduate students of Universities of Tamilnadu, 2020 *T R Publications, Chennai*
3. Indirect Taxation - For Post graduate students of all Indian Universities (Reference Book) 2020 *T R Publications, Chennai*
4. Derivatives and Risk Management – For Post graduate students of all Universities in Kerala (Reference Book) 2020 *Kalyani Publications*
Published a paper titled - *Inter-Linkages and Performance of Asian Stock Markets amidst COVID 2019* in the International Journal of Financial Engineering Vol. 7, No. 3 (2020) 2050028 © World Scientific Publishing Company.
Chapter in Edited Book titled - *Impact of Covid -19 on the Business Sector, chapter title - Impact of COVID - 2019: A Scenario of Indian Market*

Dr.Kochuthresia Jose
Book Authored:
Personal Investment and Behavioral Finance for Post Graduate Students, Prakash Publications, Kerala.

Dr. Liance Mathew was selected as Securities Market Trainer of Securities Exchange Board of India

IGNOU STUDY CENTRE
The classes for January 2020 sessions for various courses were conducted through online platform of google meet, directly by the regional Centre, Kaloor.





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Activities of NSS

Orientation
An online orientation was conducted for first year students who enrolled for NSS as part of their induction into the programme.

Online Quiz
An intercollegiate online quiz was conducted on 15/8/2020. Anjana N.V. from The Cochin College and Aishwarya J. from Govt. Victoria College, Palakkad secured first and second prizes respectively.

Udbodh
N.S.S students participated in Udbodh programme conducted by CUSAT through online mode from 23 Jan 2021 to 29 Jan 2021.

UNARVU
Online Seven day NSS Camp, Unaruwas conducted from 23/01/2021 to 29/01/2021. The camp was formally inaugurated by

Dr. M.C. Dileepkumar,
Former vice chancellor,
Sree Sankaracharya University,
Manager of The Cochin College,
Sri.Thomas J.Vayalal also spoke on the occasion.

Mr.Fazil.E,
Principal in charge,
M.M.O.V.H.S.S.,
Former state Co-ordinator
V.H.S.E and National award winner for the best N.S.S Co-ordinator,
addressed the NSS volunteers.




Covid-19 Awareness Talk

Mr.Vineeth.V.K,
Secretary,
Indian Medical Association,
Guruvayoor gave awareness to NSS volunteers on Covid-19 prevention.



Each day of the camp began with yoga sessions which the volunteers did online in their own homes.



Volunteers planted saplings to create awareness about environment protection.



NSS volunteers distributed hand sanitizers and masks in order to raise awareness on Covid-19 prevention.



Dr.AshineRose.V.G, Medical Officer, Kumbalam, Ernakulam conducted a class on personal hygiene and on the need to improve immunity so that diseases can be kept at bay.



NSS Volunteers cleaned their houses and surroundings in order to support environmental cleaning.



Dr.Pauli Shanti, registered veterinary practitioner conducted a class on wildlife protection. She also discussed how we can take care of domestic animals.



Sreeja S, Civil Excise Range Officer, Cherthala conducted a class on how to fight drug abuse. She also gave instructions as to how to keep away from these harmful intoxicants.



The Cochin College PTA

For the academic year 2020-21, the PTA's major contributions were utilised for purchasing computers and servers for the library. During this Covid time, thermal scanners and sanitizers were purchased, sanitizing expenses were also met. In addition to that, assistance was given to Career Guidance Cell and NSS.





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Science and Quiz Club

Online Quiz Competition
The Cochin College Science and Quiz Club supported National Service Scheme of The Cochin College for organizing Inter-collegiate Online Quiz Competition *A Voyage Through Indian Freedom Struggle Movement* on 15-08-2020.

Vijnana Kairali
The Club in association with Indfurr Superheat Furnaces, Chennai organized an online quiz competition separately for school and college students, named *Vijnana Kairali* on 29-08-2020. More than 100 students from various institutions all over Kerala participated in the competition.

Guruvandhanam

National Teachers' Day was celebrated by organizing a programme, *Guruvandhanam* on 5th September 2020 in which students showed their respect to their teachers by taking over the role of teachers and handling classes on various topics.

Co-Education to Coviducation
The Club organized its first international web conference on the topic, *Co-Education to Coviducation* on 19-09-2020, in which eminent speakers, Dr. Muralee Thummaru - kudy, Operations Manager, UN Environment programme, Geneva and Ms. Helen Basil, V.S.S.C Thiruvananthapuram presented their

K.S.E.B Power Quiz

The Club coordinated the K.S.E.B Power Quiz by Kerala State Electricity Board on 8-11-2021. Anjana N.V and Sachin Surend from Department of Physics were selected to represent college in the District Level competitions.

International Web Conference
An international web conference on *Speech Technology Development for Humans and Robots* was organized by the Club in association with the Department of Physics on 19-12-2020. Jesin James, Lecturer, The University of Auckland, New Zealand presented the expert talk.

National Science Day
National Science Day 2021 was celebrated on 28-02-2021 by organizing an expert talk on *How To Become an Online Educator* by Vijeesh P, Department of Physics, The Cochin College.

Literary and Debating Club

Malayalam and English Recitation and Extempore Competitions
The Literary and Debating Club organized Malayalam and English Recitation and Extempore competitions on 25 and 26 February 2021. Aysha Neera (I BA Eng), Wahida Bai (I BA Eng) and Aleena Rajesh (I Botany) won the first, second and third places in the English recitation. Amy Joe (I BA Eng), Anija M. Varghese (I BA Eng) and Aswin V. Panicker (I B.Sc. Chem) won the first, second and third prizes in the Malayalam recitation competition. Fayas VA (I Phy) won the first prize in English Extempore. Fayaz VA (I Physics) and Fahima VJ (I Physics) won the first and second prizes in Malayalam Extempore.

Webinar on Creative Writing and the Aesthetics of Translation

The LD Club along with the department of English organized a webinar on Creative Writing and the Aesthetics of Translation on 12 March 2021. The resource person was Dr. Priya K. Nair, Research officer, Kerala State Higher Education Council, Tiruvananthapuram. The resource person took the audience on an erudite and informative sweep which included the classics, the canon, theory and the pragmatics of translation. The resource person was in a particularly good position to field the topic as she is a poet and a much lauded translator.

Webinar on Feminism and Art

The Literary and Debating Club organized a webinar on "Feminism and Art: Contemporary Perspectives" together with the Post-Graduate Department of English on 8 March 2021 as part of observing women's day. The resource person was Dr. Sherin B.S. Assistant Professor, Department of Comparative Literature and India Studies, EFLU, Hyderabad. The resource person's narrative encompassed a discussion of contemporary female Indian artists.

Tetralingual Literary Quiz

The LD Club conducted a tetralingual literary quiz with questions from English, Malayalam, Hindi and French literatures on 5 March 2021. The first prize was taken by Athira KV (I MA English), The second prize was shared by Aasiya Firoz (II BA English), Gowri Maheshwari (II B.Com Tax), Binil Vincent (I MA English) and Evelin Elizabeth (II BA English). Third prize was shared by Anita Malcom Gomez (I MA English), Devik Harikumar (II B.Com Tax), Aksa MS (II BA English).





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ENTREPRENEURSHIP DEVELOPMENT CLUB

The Entrepreneurship Development Club of the college in association with the PG and Research Department of Commerce conducted a series of sessions titled 'INSPIRATIONS' aimed at motivating and inspiring students to take up entrepreneurship as a career. The sessions were handled by entrepreneurs from different spheres. The first session conducted on 27/01/2021 was handled by Mrs. Anju Tijo, Founder owner, Trenditions 4 U. She spoke about her journey into business and inspired students by talking on how passion could be converted into successful ventures.

The second session conducted on 22/02/2021 was handled by Ms. Gayathri V, Founder Owner, Gayatri's Nutrisolutions Global community. A consultant dietician, author and meditation coach she shared her entrepreneurial journey and also discussed the different aspects concerning nutrition and food habits.

The third session was conducted on 10/03/2021. Mrs. Priya Jegan, Fevicryl expert teacher introduced the students on how creativity could be a driving force for entrepreneurs. She talked about different creative works that can be done on tile, fabric, glass etc. and a practical session on drawing and painting on fabric and tile was initiated.

Women's Guidance Cell

Gender Equality and Human Rights

A talk conducted in association with IQAC, on 12/08/2020. The key speaker of the webinar was Dr. Aneesh V. Pillai, Faculty of Law, School of Legal Studies, Cochin University of Science and Technology, Kerala.

Talk on healthy personality

A counselling class by Dr. Rashmi P, Asst. Professor, Department of Psychology MES College, Marappally on 11th Sep. 2020.

Women's Day

A demonstration class of Tai Chi by Xavier Correya and team was conducted on 8th March as part of observing women's day



Nature Club

Green Protocol Initiative: Paper distribution

Nature club in association with Plan@earth, NGO, Aluva, collected the used papers from all departments and college office for recycling. Fresh A4 size papers proportionate to the weight of papers were provided in return.



Film Club

Enthukundu Nammal Cinema Kaanunnu



A Webinar on the topic *Enthukundu Nammal Cinema Kaanunnu* was conducted on 21 August 2020 and the key speaker

was K.P. Jayakumar Asst. Professor, NSS College, Cherthala

Short Video Competition

An online short video competition was conducted during lockdown and the winner was Antony of III B.A. English.

Photography Competition

A photography competition for teachers was conducted as part of Onam celebration and the winners were Dr. Suprabha G. Nair and Ms. Janu V. Kumar.

Teachers' Day

A video compilation paying tribute to all teachers was released on 5 September 2020, as part of observing Teachers' Day.

Kerala Bioblitz

Students participated in the biodiversity documentation program 'Kerala Bioblitz' organised by the Community Environment Resource Center (CERC), ATREE, Alappuzha.

Your body is a Healer

Webinar organised on 25th March and Ms. Princy Varghese, Asst. Professor in contract, Department of Zoology, was the resource person.

Home Biodiversity Estimation

To understand the concept of urban biodiversity, the club members estimated the biodiversity of their own homes, the animals and plants in and around their houses. It was a one month program organised in September 2020.

Career Guidance & Placement Cell

Webinar 1

Career Guidance Cell organised a webinar in association with Logic School of Management. The session was led by Mr. Hari Krishnan, Career Consultant and motivational speaker and was conducted on 23rd October 2020.

Webinar 2

Organised a webinar on the topic "Higher studies after Graduation" on 27th October 2020. It was conducted by University Employment Information & Guidance Bureau CUSAT, Kochi. Sri. V.K. Krishnakumar, Career Consultant was the speaker for the session.



Recruitment Drive

Daskalos Virtual Academy Pvt. Ltd. Bangalore, Brand owners of 90+ My Tuition App came to

recruit students for their Ernakulam Branch on 20th February 2021. Six of our postgraduate students got short listed.

Orientation Programme



An orientation program titled "Goal Setting - Achieving Dreams your way" was initiated for the first year PG students on

15th March. Dr. Suja Karthika, Indian Actress, Dancer & Founder and Chief Trainer of Exceller Training Academic was the resource person for the program.

Editorial Board

Ms. Neena Simon
Dr. Vineeth Kumar T.V.
Priya M.
Asmin N.

