



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 2023-2024

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



Note from the Manager

Thomas J. Vayalat

lives of countless students and nurturing them into compassionate professionals. Our unwavering dedication to the pursuit of knowledge has propelled us forward, setting new benchmarks of academic excellence year after year.

Led by a team of committed faculty and efficient management, The Cochin College strives to instil innovative and pragmatic excellence in every facet of student life, equipping them with the skills and knowledge to thrive in today's dynamic job market.

Each department within our institution is dedicated to sculpting the best educational experiences for our students, with a focus on learning, research, and social

engagement. Our core mission of contributing positively to the community while nurturing individual learners remains steadfast, driving us to continually evolve and adapt to meet the diverse needs of our students. The Cochin College stands as an iconic institution in West Kochi, a testament to the dedication and perseverance of our predecessors.

In closing, let us approach the future with optimism and enthusiasm, knowing that each challenge we encounter is an opportunity for growth and innovation. Together, let us embark on this journey of continued growth and achievement, confident in our ability to shape a brighter future for all who pass through its doors.



From the Principal's Desk

Prof. Dr. M. Geetha

community. Alongside this agricultural success, our academic reports have showcased excellence across disciplines, reflecting the dedication and hard work of both students and faculty. Furthermore, our focus on nurturing student-faculty relationships has yielded positive outcomes, fostering an environment of mutual respect and collaboration. This camaraderie was evident in our outstanding performance at the Youth Festival, where our students showcased their talents with aplomb. Additionally, our sports achievements stand as a testament to the dedication and perseverance of our athletes, highlighting our commitment to holistic development. As we reflect on these achievements, we are inspired to continue our journey of growth and excellence in the years to come. The departments at our college have exhibited excellent functionality, demonstrating a

commitment to delivering quality education and fostering academic excellence. In addition, clubs and committees have been proactive in organising a myriad of engaging and enriching programs, catering to the diverse interests of our student body. Their efforts have contributed significantly to the vibrant and dynamic atmosphere on campus. Furthermore, our library has continued to excel in its role as a hub of knowledge and learning, providing valuable resources and support to students and faculty alike. The commendable efforts of the departments, clubs, committees, and the library underscore our collective dedication to providing a holistic and enriching educational experience at our institution.

As I embark on the next chapter of my life in retirement, I will carry with me fond memories of the friendships formed, the lessons learned, and the experiences shared. I wish you all continued success and fulfilment in your future endeavours.

As another academic year comes to a close, I am filled with a mix of emotions as I reflect on the journey at The Cochin College. This year marks my retirement and I am deeply thankful for the roles I have served in this esteemed institution. Over the years, we have achieved remarkable milestones and fostered a community built on excellence, innovation, and inclusivity. Together, we have overcome challenges, celebrated successes, and created memories that will last a lifetime. Our venture into vegetable farming has not only provided an ample supply of fresh produce for our staff but has also instilled a sense of sustainability and self-sufficiency within our





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2

INIZIO 2023-2024

University Grant Commission's Student Induction Programme **Deeksharambh**, was conducted from 9th -13th October 2023, for the first year UG students of all streams. INIZIO 2023, jointly organised by IQAC and Student Support Cell of the college commenced on 9th October. On the first two days of INIZIO 2023 there were activity based sessions on topics- *College Education towards Responsible Citizenship, Codes of Classroom Conduct and Teamwork towards Classroom Goals* which were handled by Mr. Sooraj Abraham, Executive Coach, SparX Life Skills Unlimited & Social Entrepreneur and founder, plan@earth with the support of his team members Mujeeb Mohammad, Rasheed Ashraf & Liyas Kareem, Executive Trainers.



On 11th October, **Academic Orientation** was given by respective HODs. The students were briefed upon the various **Clubs and Committees** in the institution by various Club Convenors.

M-Cups were distributed to students as part of the college's free menstrual cup program **Cup of Life Campaign** which was kickstarted last year, along with District administration and Indian Medical Association, with the support of Muthoot Finance.

On October 12th, Shri. Amerzlin Louis, Physical Education Teacher, Scout Master & Life Coach & Best Teacher award winner in the Sub District engaged the students actively in participatory mode of sessions on *Enjoy, Have fun and Learn Life Skill with Life Coach*.



On 13th October, a team of health professionals Dr. Praveen G. Pai, Geriatrician, Gerontologist and Public Health Specialist & P. V. Savitha Shenoy, Cluster Programme Manager, DISHA (District Integrated Strategy for HIV/AIDS prevention) created awareness on various aspects of health.



College librarian, did a **Library Orientation**, acquainting the students with various library services and e-resources available. The orientation covered library working hours, different sections, collections, periodicals, magazines, and newspapers subscribed by the library, as well as other facilities and services like SWAYAM portal.



Career Guidance Cell

Career Guidance Cell in association with National Skill Development Corporation conducted a seminar on **'Build Your Accounting Career'** on 10/10/2023. The speaker was Mr. Sreejith P. R, Career Counsellor, FSI.



Career Guidance Cell of in association with Reporter Channel conducted a **Career Orientation** on 8/2/2024. The speaker was Mr. Jeevan A. S., Career Guidance trainer.



The Career Guidance Cell of in association with Veranda Race, Kochi conducted a seminar on Government Job Orientation Programme **"Unlock Your Future: Navigating Careers in Public Service"** on 14/12/2023. The session was handled by Mr. Jithu Jose, Head, Academics, VR Kochi.



GIIMS, Institute of Logistics in association with Career Guidance Cell conducted **All Kerala Best Manager Contest, 2023-24 Season 9** preliminary round in the college on 29/1/2024. Around 100 students participated and the winner was Arun G. Rao of Third B.com Taxation.





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3

The Cochin College- Institute Innovation Council (TCC-IIC)

MIC annually publishes calendar activities to be organised by IICs in four quarters (Q1-Q4). Additionally mandatory activities categorised as MIC driven activities, Self driven activities and day celebrations are to be organised by IICs. The reports of the activities are to be uploaded to the portal in a timely manner. MIC, after evaluation of the reports of all four quarters, will provide star ratings for the IICs. **Our Institution was awarded 3 star rating by IIC in recognition of our activities during the IIC calendar year 2022-23.**

The activities of TCC-ICC during March 2023-March 2024

Sl No	Date	Activity Category	Activity Name
1	03-11-2023	Celebration Activity	National Technology Day
2	03-08-2023	Celebration Activity	International Womens Day
3	04/26/2023	Celebration Activity	World Intellectual Property Day
4	06-05-2023	Celebration Activity	World Environment Day
5	08/21/2023	Celebration Activity	World Entrepreneurs Day
6	01-05-2023	IIC Calender Activity	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.
7	11-03-2022	IIC Calender Activity	My Story - Motivational Session by Successful Innovators.
8	12-05-2022	IIC Calender Activity	Exposure and field visit for problem identification
9	02-07-2023	IIC Calender Activity	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development
10	08/17/2023	IIC Calender Activity	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs.
11	03/21/2023	IIC Calender Activity	Field/Exposure Visit to Incubation Unit
12	08/17/2023	IIC Calender Activity	Workshop on Intellectual Property Rights (IPRs) and IP management for start up
13	08/17/2023	IIC Calender Activity	Organise Session on Lean Start-up & Minimum Viable Product/Business
14	08/17/2023	IIC Calender Activity	Session on How to plan for Start-up and legal & Ethical Steps
15	08/17/2023	IIC Calender Activity	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs
16	05-11-2023	MIC Driven	National Technology Week Inaugural Address of Honourable Prime Minister of India
17	08/23/2023	MIC Driven	Celebrating India's presidency of the G20
18	07/29/2023	MIC Driven	Celebrate the 3rd Anniversary of the National Education Policy (NEP) 2020 and the 2nd edition of the Akhil Bhartiya Shiksha Samagam
19	07/15/2023	MIC Driven	NEP ki Samajh Celebrating 3 years of Implementation of NEP 2020
20	08-09-2023	MIC Driven	Creating YUKTI Innovation Repository & Participation in Innovation Challenge
21	02-10-2023	Self Driven	Hands on Training - Vermicompositing
22	03/31/2023	Self Driven	G20 -DIA Regional Meet @ MAKER VILLAGE (Filed/exposure Visit)
23	07-10-2023	Self Driven	IIC Orientation for Freshers
24	06/26/2023	Self Driven	Workshop on Aquarium fishes and Aquarium Management
25	07/14/2023	Self Driven	Workshop on Quail Farming
26	08/17/2023	Self Driven	Start Ups - Opportunities and Limitations
27	04-03-2023	Self Driven	Biodiversity and Innovation



Udyami Bazar - The vermicompost prepared by students of Zoology Department was put for sale at the Entrepreneurs Market (Udyami Bazar) in the IIC regional meet held at School of Engineering, Cochin University of Science & Technology, Kochi on 16th January 2024.



Dr. Vineeth Kumar T.V. (IIC President) and Dr. Paulbert Thomas (Start-up activity coordinator) attended the IIC regional meet held at School of Engineering, Cochin University of Science & Technology, Kochi on 16th January 2024





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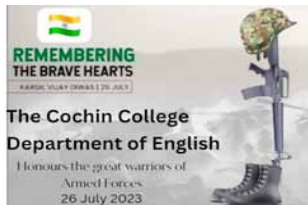
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Kargil Vijay Diwas was commemorated by the department on 26 July 2023 by conducting an essay writing competition on the topic. The students also made videos sharing a message to the warriors.



On 12 February 2024, the department of English started the first session of "Theoretical Peregrinations," the invited lecture series on theory with the lecture, **Envisioning Transhuman Philosophy through Manga** by Dr. Augustine George, Assistant Professor, Sacred Heart College, East Campus.



The Department of English celebrated **Women's Day-Angana** on 12 March 2024. The event encompassed a range of initiatives, including a poster exhibition, quiz competition, art and food exhibition, as well as a special tribute to the janitorial staff of our college.



On 5th September, as part of celebrating **Teachers' Day**, all the teachers were given sweets along with wishes by the P.G. students of the department.



A programme, **AI and Literary Studies: The Emerging Paradigm** was organised by the department on 29 September 2023. The speaker was Mr. Asish Tom, Assistant Professor, D.B. College, Thalayolaparambu.

An **Alumni Interaction** for 2023 batch was organised on 18 October 2023 and the resource person was Dr. Anju J. who was a student of the Department of English during 2003-2006 and presently the Head of the Department of Social Sciences, The Choice School Foundation.



A **Talk on Research Methodology** was organised on 13 February 2024. The resource person was Dr. Nibu Thomson, Assistant Professor, Head of the Department of English, Nirmala College, Muvattupuzha.

As part of **Extension Activity**, an **English Enhancement Programme for Anganwadi Mothers and Teachers** was organised on 12th March 2024. The initiative focused on addressing common pronunciation mistakes made by native Malayalee speakers and contributed educational materials to the Anganwadi library.



As part of Talk Series- Theoretical Peregrinations, on 12 February 2024, Mr. Abhijith Radhakrishnan, Assistant Professor, Dept. of English, S.H. Thevara (East Campus) delivered an insightful talk, **"Pikcher" Perfect(?): Decoding Popular Indian Cinema.**



A Career Orientation Programme, **Rise and Shine** was organized for II and III year English UG students on 13th March 2024 with the aim of providing valuable insights into career opportunities and professional development strategies within the field of English literature and the resource persons were Ms. C.S. Prabha and Ms. Neena Simon.





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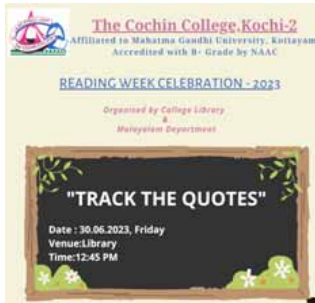
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Library and Malayalam Department

The Cochin College Library and Malayalam department jointly organized the **Reading Week Celebration** featuring various programs and competitions from 19/6/2023. The best reader of the year award was given to Dr. Remya M. L of English department.



Malayala Bhashavaracharanam

The Cochin College Library, Malayalam department and NSS jointly organized 'Malayala Bhashavaracharanam' with various programs



As part of Knowledge Conclave Webinar Series, a webinar on the topic, **Empowering Students to use AI Tools Ethically and Effectively** was organised by the College Library on 23/3/2024. The speaker was Jasimudeen S., Librarian, St. Stephen's College, Uzhavoor.

Anti-Narcotic Cell

In connection with **International Day against Drug Abuse and Illicit Trafficking**, the Anti-Narcotic Cell organised a talk on 27/06/2023 on Drug Abuse and the speaker was Sri. V. C. Baiju, Central Inspector of Excise, Kochi.



An Awareness Class on the Abuse of Drugs was organised for the high school students of EMGHS, Veli, on 30/06/2023. The class was delivered by students of II B.Sc. Chemistry.

പിന്നാൽ പുസ്തകം - "Birthday book" project was officially inaugurated on June 2022. It is a project where the staff of the college donate books to the library to commemorate birthdays in their family. The project has found a heartening response amongst both teaching and non-teaching staff.



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



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The Cochin College Chronicle
6



The department of Economics organised an invited talk on **New Media-Challenges and Opportunities** by Mr. K.K. Jayakumar, well known digital media trainer, personal finance analyst and author on 25 May 2023. In order to commemorate 76th Independence Day, the department conducted **'Freedom Talk', Q&A Session and Discussion** on 16 August 2023.



An **Orientation Class on Research Methodology** was delivered on 23 August, 2023 by Dr. Nalinam M. for the final year students to equip them for the project preparation.



A career guidance session '**Personality Training for Enhancing Employability**' was conducted on 9 February 2024. Ms. Veenaa Jaykumar, Assistant Professor, Bharata Mata College, Thrikkakara was the resource person.



Faculty Achievements:
Dr. Sindhu K. participated and presented a paper in the National Conference organised by Indian Institute of Advanced Study, Shimla during 20-22 November 2023.
Mr. Renjith S. served as a Judge in the Kerala State Social Science Fest held at Thiruvananthapuram from 1st to 2nd December, 2023.
As part of Extension Activity, Mr. Renjith S. handled a session for the inmates of Mattancherry Sub Jail on the topic 'Man and Social Life' on 23 February 2024.

Achievements of Students
Malavika K. Binu, II B.A. Economics was selected as the best camper at the NSS camp held during 26-30 December, 2023 at St. Xavier's Public School, Kandakkadav, Chellanam
Shahana Haris, Sajila A. III BA Economics, was part of Oppana team that secured A grade & Azar Zameen C.Y and Muhammed Althaf V.S. of II B.A. Economics were members of Kolkali team that secured A grade in the M. G. University Youth Festival .

Women's Guidance Cell
International Women's Day was celebrated as a collaborative effort of the Women's Guidance Cell, NSS, and IQAC through the event, titled "**FemmeFury**". The highlight of the celebration was the felicitation of students who participated in a remarkable demonstration of Yoga and Kalari- "Veerangana 2024", organized under the banner of Dakshina Bharatha Vanitha Kalari. Following the felicitation ceremony, there was a captivating demonstration by the students, further showcasing their proficiency in Yoga and Kalari.



Minority Cell
The Cochin College Minority Cell and Women's Guidance Cell in association with Coaching Centre for Minority Youth, Mattancherry that comes under the aegis of Directorate of Minority Welfare, Govt. of Kerala organised a **Social Life Wellness Programme- PATHWAY** from 5th to 7th of December 2023. The programme covered topics such as the need for forming healthy familial relations, financial management, family budgeting, conflict resolutions in family etc. It also included counselling sessions.



INTERNAL QUALITY ASSURANCE CELL

The Internal Quality Assurance Cell under the aegis of the Cochin Education Society conducted a Faculty Development Programme on NAAC-Revised Assessment & Accreditation Framework. Dr. M.C. Dileep Kumar, Former Vice Chancellor, Sree Sankara Sanskrit University, Kalady and Dr. Fr. Gilson John, Former Principal, St. Joseph's College, Moolamattam handled the various sessions.




Mr. Dominic T Joseph participated in the UGC Sponsored Refresher Course in Mathematics held at HRDC , University of Madras from 22.11.2023 to 5.12.2023





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The Cochin College Chronicle
7

Department of Chemistry



The department of Chemistry observed World Environment Day by organising interdepartmental **Essay Writing and Poster Designing** competition for UG students.



The department observed **International Day against Drug Abuse and Illicit Trafficking** on 30/06/23 by conducting an awareness class for High School students of EMGHS, Veli by II B.Sc. Chemistry students.



As part of observing World Ozone Day, the department conducted a talk on the topic **Healing the Ozone Layer-An environmental success story** on 27th September 2023. The resource person was Dr. Soumya Salas, Assistant Professor, St Albert's College, Ernakulam.



The department organized a National Seminar in collaboration with St Paul's College, Kalamassery, on **"Solid State Electrochemistry-Basics to Applications"** on 05/03/2024. The sessions were handled by Dr Jerry Ferreira, Assistant professor, IISER, TVM and Dr. Ananthapadmanabhan, retired faculty, Maharaja's College, Ernakulam



A **Survey on Water Quality Analysis** was carried out in about 50 houses of the adopted ward.

An **Orientation Class** for first-year students was organized by the department on 10/10/2023. The session was handled by Texin Joseph, Assistant Professor, St Paul's College, Kalamassery, alumnus of the department.

An **Orientation Class** for all the students of B.Sc. Chemistry was organized on 11/10/23. The resource person was Dr. Deepak D. Prabhu, Assistant Professor, S H College, Thevara.



As part of observing National Science Day, students of the department conducted a **Quiz Competition** for high school students of EMGHS, Veli, on 27/02/24.



St Paul's College, Kalamassery organized a National Seminar in collaboration with The Cochin College on the topic **"Advances in Chemical and Applied Science"** on 16/02/2023. The sessions were handled by Meera Balachandran, Professor, Chemical Engineering, School of Engineering, Amritha University, Coimbatore and by Dr. Jorphin Joseph, Assistant Professor, Department of Chemical Oceanography, School of Marine Science, CUSAT, Ernakulam.

The department, in collaboration with St Paul's College, Kalamassery, organized a **Workshop on Water Quality Analysis** on 12/03/24. Alumni of the department Raphael Simon Shahin and Rehana handled the sessions.



A **Career Guidance Class** for first-year students was organized on 14/03/24. The resource person was Dr. Arun Gopi, Asst. Professor, Dept. of Chemical Oceanography, School of Marine Sciences, CUSAT.



Achievements

Aswin V. Panicker, Nikitha T.N and eight other students of 3rd B.Sc. Chemistry secured grades A+ and A respectively in the final year examination, May 2023.

The team that included Amrithesh N.G. and Abdul Rahman of B.Sc. Chemistry secured first prize in **Duff Muttu** in M.G. University Kalolsavam held at Kottayam

Nirmal Prince and Anagha Anil of III B.Sc. Chemistry secured first prize in the **Quiz Competition** hosted by the Excise Department.

Naomi Manuel and Anagha Anil of B.Sc. Chemistry secured second position in the **Quiz Competition** held at S. H. College, Thevara.

Ms. Priya M, presented a research paper on **"Synthesis, characterization, and invitro antibacterial studies of some transition and inner-transition Schiff base complexes"** in the National seminar on "Materials for a sustainable future 2023" at St. Paul's college, Kalamassery on 12/10/2023.

Ms. Veena R.Nair, presented a research paper on **"Synthesis and characterization of Chitosan Schiff base complexes derived from Benzoin"** at the National seminar on "Materials for a sustainable future 2023" at St Paul's college, Kalamassery on 12/10/2023.

Ms. Saumya Jos, presented a research paper on the topic **"Chiral Schiff base ligands of Salicylaldehyde: A versatile tool for medical applications and organic synthesis- a review"** at the National seminar on "Materials for a sustainable future 2023" at St Paul's college, Kalamassery on 12/10/2023.

Dr. Zafna Rasheed presented a paper "Voltametric Sensor for Ponceau 6R based on chemically modified glassy carbon electrode" for the National Seminar on Green Energy and sustainable development at the Albertian Knowledge Summit (AKS 2024) organised by St. Alberts College, Ernakulam.

Dr. Zafna Rasheed presented a paper "Voltammetric Sensor for the Antioxidant BHA" in the International Seminar on Chemical science for sustainable future organised by the Department of Chemistry, St. Teresa's College, Ernakulam





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The Cochin College Chronicle
8



Environment Day: An Invited Talk on "Beat Plastic Pollution" by Mr Sooraj Abraham, Founder Planatearth, NGO was organized on Environment Day June 5th, 2023.



SHARP Project: Students of the department of Zoology volunteered a Resource Recovery and Recycling Drive organized by Plan@earth in association with KMRL from 05-06-2023 to 09-06-2023.



The Cochin College Students Volunteered to collect Waste in metro stations

Felicitations to the batch 2020-2023: Meritorious students were awarded mementos and felicitated on 14-06-2023.



Career Orientation for Freshers: Dr.Vineeth Kumar T.V, Assistant Professor, Department of Zoology, discussed and detailed the prospects and opportunities of Life Science education with the first year students and their parents on 10 July 2023.



Tiger Day: An Awareness Session was conducted on Tiger Day's Importance and Why it is Celebrated? A documentary was shown on "The Secret life of Bhopal Tigers" in the session on July 31st 2023.

ZOOPP-2023: Zoology Online Project Presentation competition was conducted on 4th August 2023. Many students from different colleges registered for the competition and the winners were awarded.



SWASTHYA: An Indian Oil Corporation LTD. CSR Program with HLL Lifecare Limited on Anaemia Awareness and Detection Camp was organized by the Department of Zoology & Women's Guidance Cell on 16th August 2023.



ECHO Boot Camp Kerala - Four students and one faculty of the department participated in the ECHO Bootcamp on 22nd and 23rd September 2023 at Christ University Nodal Office, Thiruvananthapuram. The theme for ECHO 2023 was 'Innovate to Create Resilient Cities and Urban Communities'.



Zonal Zoo Fest 2023: Dept. of Zoology in association with Zoological Society of Kerala Co-funded by DBT Star College Scheme organised, Zonal Zoo Fest 2023 on 20th October 2023 in the college. Many students from various colleges participated in the Fest.



State Level Seminar: Two Day Seminar on "Biodiversity Matter: Conservation for a Vibrant Planet" was organized on 17th and 18th of October 2023. The seminar was sponsored by Kerala State Biodiversity Board and DBT star college scheme. The program was inaugurated by Shri. Sooraj Abraham, Founder, PLANATEARTH, NGO, Aluva. Sri. Sreeraj, Ernakulam District coordinator, KSBB, was also present in the program.



Citizen Science Program, REVIVAL, Rehabilitation of Vibrio Infested Waters of Vembanad Lake- Pollution and Solution: An orientation of the Citizen Science Program was organized for the first year UG students by Ms. Ancy C. Stoy, Research Scholar, CMFRI on 08/11/2023.



Career Orientation: A talk on Life Science Research and Career Prospects was delivered on 19-06-2023 by Mr. Shajee Janardhanan, Beta Life Science Academy, Kannur.



Career Orientation in Medical Coding: IREZ Academy, Ernakulam gave an orientation to the students about the opportunities in Health Care and Medical Coding.







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The Cochin College Chronicle
9



DROP -Drive to Recover Ocean Plastics: Students of the department performed a Street Play at Munambam Harbour, Kochi to spread awareness as part of Planatearth's DROP to save our oceans from plastic pollution on 31st January 2024.



Wetland Day Celebration 2024: A poster exhibition was organized to spread awareness about the importance of wetlands on 2nd February 2024 to celebrate Wetlands Day



Institute Visit: Final year B. Sc Students visited Central Marine Fisheries Research Institute on February 2nd on its 77th Foundation Day. Students got an opportunity to visit the research labs and museum.



Faculty Achievements: Dr. Manju V. Subramanian successfully completed M.A. in Psychology from IGNOU and was awarded the degree on 20 March 2024.

University Results: Aiswarya Elizabeth (20-23 batch) secured 7th Rank at University Level, Aarcha P Soman secured A+ and eight students bagged A grade during the year.

The Department of Zoology observed **World Cancer Day** by hosting a poster exhibition on 7th February 2024. Final year students of the department were given **Workshop on Vermicomposting** on 13 December 2023.



Sreelakshmi, Krishna Dileep, Anagha and Devika of 2nd B.Sc. Zoology and Chaithra of first B.Sc. Zoology successfully completed ICAR Sponsored (SCSP) **Capacity Building Training Programme**, "Advanced Analytical Techniques in Fish Biochemistry & Nutrition" from Jan 29th to Feb 2nd at CIFT.

Field Trip - Gokarnam- Dandeli field visit was organized for final year students from 15-18 February 2024.



World Water Day was celebrated on 20-03-2024. The program was conducted in association with Planat Earth, NGO, funded by Apollo Tyres Ltd & DBT STar College Scheme. An awareness talk on the urgent need to conserve water was given by Sri Sooraj Abraham, Planat Earth.



Interdisciplinary Minor Projects - DBT Star College Scheme

EcoWash: A Comprehensive Study on Biodetergent Manufacturing, Social Influence, and Performance Testing- (Ongoing - Chemistry and Zoology).
Assessment of Vembanad Lake's Physico-Chemical and Biological Characteristics: **Effects of Water Hyacinth Elimination**- (Ongoing - Botany, Chemistry and Zoology).

Seminar/ Workshops Attended: **Dr Vineeth Kumar TV** attended one week *Drosophila* Hands-on Training Workshop at Banaras Hindu University, Uttar Pradesh: 29 January 2024 to 04 February 2024. **Dr Vineeth Kumar T V** attended the IIC regional meet (South- West) at CUSAT, Kalamassery on 16 January 2024.

Dr Vineeth Kumar T V attended the Coordinator Meet cum 3rd Review meeting of the Task Force for Colleges supported under Star College Program from 7th to 9th February, 2024 at Rathnavel Subramaniam College of Arts and Science, 242 B, KVK Thottam, Trichy Road, Sulur, Coimbatore.

Dr Manju V. Subramanian attended a oneday training programme for Bhoomithrasena Club Faculty-in-Charges (FICs) in Central zone conducted on February 22nd at Arts's Auditorium, St. Teresa's College, Ernakulam.

Dr Smitha NR, Dr Manju V Subramanian, Dr Vineethkumar T.V attended 5 days, Four Year UG Syllabus revision (FYUGP) workshop at Union Christian College, Aluva.

Dr Manju V. Subramanian, was the Resource Person for Training on Organic Farming and Bio waste management of Zoology Dept ,organized by NSS Unit of college on 22/07/23 and she was also the Resource Person for a day during the 7 Day NSS Camp organized by the NSS unit of Sree Narayana Law college on 24th December 2024.

Student Achievements: Aiswarya Elizabeth (20-23 batch) secured 7th Rank at University Level, Aarcha P Soman secured A+ and eight students bagged A grade during the year.





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The Cochin College Chronicle
10



P.G and Research Department of Commerce conducted a comprehensive session on **Hypothesis Testing** for second year postgraduate students on 4th March, 2024. Dr. Vineeth K.M. Associate Professor, Government College, Tripunithura was the resource person for the session. The session was followed by the project synopsis presentation of the students.



The department, in association with the **Entrepreneurship Development Club** organised the annual food festival '**Peppersav VII**' on 15/02/2024 in the college premises. Food stalls arranged by the different classes of the department displayed their entrepreneurial talent. Prizes were distributed for the Best Entrepreneur, Best Stall and Best Menu Card.



The department, in association with The Institute of Cost Accountants of India organised a **Career Guidance Session** for final year degree students on 11.10.2023. The session was handled by CMA K.M Babu.



The department, in association with Amity Global Business School conducted a talk on "**Empowering Excellence: The Journey of Soft Skills for Professional Growth**". Dr. Ameena Babu V., Asst. Professor in Marketing, Amity Global Business School was the resource person.



As an Outreach Activity, the department organized a **Visit to Raksha Special School**. A fundraiser programme, Diwali Sale was organised on 8th November, 2023. The Chirags made by the students of Raksha School were displayed for sale in the college.



Dr.Sony Kuriakose, Assistant Professor, Department of Commerce, Nirmala College, Muvattupuzha handled a session on research methodology titled **Simplifying Research** on 14th October 2023 in online mode.

An extension activity on **Career Opportunities in Commerce** was conducted for the Higher Secondary students of St. Sebastian's School, Thopumpady on 12-10-2023. The speaker was Dr. Lakshmisree R., Assistant Professor, Department of Commerce.



On 8th August, 2023, a talk was organized on **Human Rights & Human Being- The Rise of Rule of Law**. Dr Gifty Oommen, Associate Professor, Government Law College, Ernakulam was the resource person for the session.



On 19th September 2023, as part of Extension Activity, Dr.Rekha.P.G, representing the department, took **Career Counselling Session** for Commerce plus one and plus two students of O.L.C.G.H.S.S Palluruthy, Thoppumpady.



The students and teachers from the department visited Raksha Special School, Mattanchery on 22nd August 2023 as a part of the **Department Outreach Program**. The purpose was to celebrate Onam with the students in special school.



The department organised a session, '**Internship Onboarding**' which was handled by Dr. Shinil Sebastian, Associate Professor in Management, SCMS School of Technology & Management, Cochin on 20th July 2023.



Certificate Course in Financial Market under the aegis of NISM was organised on 25th & 26th September 2023 for the final year UG students of the department. Dr. Liance Mathew, Asst. Professor, Department of Commerce handled the sessions.



A class was organised on **Research Methods** on 11th August 2023. The resource person was Dr. Clement Cabral, Visiting Professor, IIT Amritsar.







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11

DEPARTMENT OF COMMERCE

Ernakulam District Senior Men's Wrestling Championship 2023 - 1st Kerala State Senior Men's Wrestling Championship 2023 - 2nd MG University Wrestling Championship 2023-24 -3rd MG University Weightlifting Championship 2023-24 -3rd KPA NPC MR. Ernakulam Bodybuilding Championship 2023 - 3rd Aebel Joseph of 2nd B.Com Finance and Taxation won second prize in badminton, event was State Team Championship and Olympic State. Mohammed Kaif, Irfan Ibrahim and Mohammed Yasin were team members of Duffmuttu that secured first position in MG University Kalolsavam Ajay A.S secured Mr. Ernakulam 2nd Position in 2024 KAPA Association – Body Building - 60Kg. category and secured in Classique Physique, Fifth Position. Aansal K. Antony secured first position in Powerlifting competition under 66kg. Junior Category ,Ernakulam and 74Kg. Category in Karnataka

Achievements of Faculty:
Paper Publications:
Dr. Rekha P.G, Assistant Professor, P.G & Research Department of Commerce, published “Exploring the role of HR Analytics in predicting employee turnover and retention” in UGC CARE Journal - Shodha Prabha - Vol 48, AUGUST 2023.
Dr. Kochuthresia Jose, Assistant Professor, P.G & Research Dept. of Commerce published, Exploring the role of HR Analytics in predicting employee turnover and retention in UGC CARE Journal - Shodha Prabha - Vol 48, AUGUST 2023 and A study on factors influencing quality of B-schools in Kerala” – International Education and Research Journal VOL9, Issue- 7, July 2023
Dr. Lakshmisree R, Assistant Professor, P.G & Research Department of Commerce published, “Exploring the role of HR Analytics in predicting employee turnover and retention” in UGC CARE Journal

- Shodha Prabha - Vol 48, AUGUST 2023 and “A comparative study of manpower quality and its availability in the field of IT in Kerala and Karnataka” in IERJ-VOL9, Issue- 7, July 2023

Session Chair
Dr. Kochuthresia Jose, Assistant Professor, P.G & Research Department of Commerce Session chaired for **Three Day International Conference on Technology 4.0 and Business Models: Emerging Opportunities and Challenges** conducted By Bharata Mata College, Thrikkakara.

Resource Person
Dr. Rekha P.G, Assistant Professor, P.G & Research Department of Commerce was the resource person at TD HSS Thuravoor on 7-8-2023 and at O.L.C.G.H.S.S Palluruthy, Thoppumpady on 19/09/2023.
Dr. Rekha P.G, Assistant Professor, P.G & Research Department of Commerce spoke at Deeksharambh 2023, conducted by Siena College of Professional Studies on 21/08/2023.
Dr. Lakshmisree R ,Assistant Professor, P.G & Research Department of Commerce was the resource person at TD HSS Thuravoor- on 7-8-2023 and at St. Sebastian HSS Thoppumpady on 12-10-2023
Dr. Kochuthresia Jose, Assistant Professor, P.G & Research Department of Commerce was the resource person at TD HSS Thuravoor on 7-8-2023

As part of Extension Activity, on 7th August, 2023, Dr.Rekha P.G, Dr.Lakshmisree. R and Dr. Kochuthresia Jose representing the department, took **Career Counselling Class** for Commerce Twelfth standard students of Tirumala Devaswam Higher Secondary School, Thuravoor.

The department took initiative to celebrate the **GST Day**, on 7th July 2023 by arranging a talk by G. Rengarajan, FCA, Partner, Suri & Co.

Achievements of Students
Vedavathi S. Mallya of 2nd B.com Finance and Taxation secured A grade in Classical Music in MGU Kalolsavam
Aleena Mary George got into Limca Book of Records & Asia Book of Records for Dot Art – Seven Wonders of the world in Stippling Technique with time taken 4 hours.
Anjana A of 2nd B.Com. Finance and Taxation, cleared C.A Foundation exam, Institute of Chartered Accountants of India (ICAI)
Sreenidhi Prabhucleared the CA Intermediate Level Examination Received this language achievement certificate in Spanish from Duolingo app.
Mohamed Arshid Aof III B.Com. Marketing won: Ernakulam District Under-23 Wrestling Championship 2023 - 1st Kerala State Under-23 Wrestling Championship 2023 -1st

Retiring

Prof. Dr. M. Geetha





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12



Department of Physics

The department organised an Expert Talk on 'Surface Engineered Nano Systems for Bio-Medical and Space Applications' and Distribution of Research Excellence Awards by Prof. Kuruville Joseph, Outstanding Professor & Dean (SA, SW, and OR), Indian Institute of Space Science and Technology, Department of Space, Government of India, Thiruvananthapuram on 27 June 2023.



Enigma, a week-long celebration of knowledge was conducted from 13th to 18th of February 2024.



A Three-day state-level workshop on 'PYTHON PROGRAMMING LANGUAGE' was conducted by the department in association with Mahatma Gandhi University Kottayam and sponsored by DBT STAR Colleges Scheme, Government Of India On 21st to 23rd February 2024.



The department in collaboration with ICARD Newman College, Kerala organised a 'Regional Seminar in Physics and Astronomy' on 16-10-2023 sponsored by DBT STAR College Scheme



Crafting Success: Career Roadmap – A career guidance session by Mr. Ajith Pullanikattu Delivery Manager, Marketing Analytics and Technology, Nielsen, America was conducted on 6th March 2024 for the students in the department.



An extension activity was organised on 21st February 2024 by Department of Physics at T.D. School, Fort Kochi on "Awareness of FYUGP" for +1 and +2 students. A career guidance session was also conducted followed by this programme.



Workshops Attended.
Four-year UG syllabus revision workshop conducted by M G University from 13-11-2023 to 17-11-2023. Dr. Manjusha M V and Dr. Jose Mathew attended this workshop.
Dr. Vijeesh P. attended the Skill Development Training Program on 'Dye Sensitized Solar Cells: Fundamentals, Device Fabrication, Characterizations and Applications' conducted by CSIR-National Institute for Interdisciplinary Science and Technology Thiruvananthapuram, Kerala during the period 4th March 2024 to 8th March 2024 under CSIR-Integrated Skill Initiative.
Dr. Vijeesh P., attended The International Conference on Nuclear Photonics by TUNL Duke University, Durham, North Carolina U.S.A.
Dr. Vijeesh P. visited the Tridngle University Nuclear Laboratory at Duke University, Durham, North Carolina, U.S.A.
Dr. Vijeesh P. is selected as member of Indian Laser Association.

Ms. Hridhika KP and Ms. Milin Maria Benny of M.Sc. Physics (2022-2024 Batch) participated in the 'Telescope Making Workshop' at Marian College, Kuttikkanam on 7-8 February 2024

PUBLICATIONS- 2023-24 In referred journals
"Synthesis and Optical Characterization of Fe doped Barium Titanate nanoparticles", Dhanya Raj, Manjusha M V, *Materials Today: Proceedings*, November 2023, S2214785323052379. <https://doi.org/10.1016/j.matpr.2023.11.131>.
"Synthesis, Optical characterization and Biocompatibility studies of GelatinBased pure and Doped Quantum Dots", Dr.Vijeesh P, Muhammed Rashid and Flagon Xavier, *Journal of Scientific Research of Banaras Hindu University*.
Book Chapters
Bismuth Ferrite/Barium Titanate (BiFeO₃/BaTiO₃) Thick Films for High Energy Applications: A Review Dhanya Raj, Venkidesh T. V., and Manjusha M. V. (Book chapter 8 - Physics and Mechanics of New Materials-Synthesis, Processing and emerging Applications, *Apple Academic Press*)
A Comprehensive Overview of Magnetic Energy Storage Applications of Barium Titanate Nanoparticles: A Review, Dhanya Raj and Manjusha M. V. (Book chapter 10- Micro-and Nanoscale Technologies in Drug Delivery, A Contemporary Chemical Approach, *Apple Academic Press*)

SCIENCE & QUIZ CLUB

The Science and Quiz Club in association with Department of Physics, coordinated the college level live **Webcasting of CHANDRAYAN-3**, India's Lunar Mission on 23-8-2023.



Science and Quiz Club in association with Dept. of Physics and Dept. of Electronics organized **THARANG-2024**, National Science Day Celebrations.



Science and Quiz Club coordinated **KSEB Power Quiz** on 21-11- 2023.







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13

Department of Physics

In Conferences

1. "Effect of doping on the structural properties of Barium Titanate nanoparticles" Dhanya Raj and Manjusha M V, National Seminar on Advanced materials & applied physics (NSAMAP), Pathanamthitta, Kerala, India Jan. 12-13, 2023
2. "Synthesis and Optical Characterization of Fe doped Barium Titanate nanoparticles". Dhanya Raj and Manjusha M V, Second International Conference of Science and Technology of Advanced Materials, Ernakulam, Kerala, India, April 18-20, 2023
3. "Synthesis and Characterization of Bismuth Ferrite (BiFeO_3) nanoparticles: Exploring their Antibacterial Activity". Venkidesh T V and Manjusha M V, National seminar on recent innovations in nanoscience and nanomaterials, Ernakulam, Kerala, India, Oct. 18-19, 2023
4. "Structural Characterization of Pure and Fe doped Barium Titanate and their Potential in Antibacterial Activity". Abhirami R Shenoy, Abhirami Anil and Manjusha M V, International Conference on recent advances in physical science (ICRAPS 2023), Ernakulam, Kerala, India, Nov. 28-30, 2023
5. "A comparative study on the antibacterial properties of Zinc Oxide nanoparticles synthesized through chemical and biological route". Vishnu K Kumar, Anna Joemo C, Manjusha M V and Princy Varghese, International Conference on Advanced materials for Sustainability (ICAMS 2023), University of Calicut, Kozhikode, Kerala, India, Dec. 21-23, 2023
6. "Photon up conversion in pure and doped carbon quantum dots synthesized from gelatin" Vijeesh P, 32nd DAE-BRNS NATIONAL LASER SYMPOSIUM (NLS-32), Raja Ramanna Centre for Advanced Technology, Indore, India, January 29-February 1, 2024

Bhoomithrasena Club

On July 3rd, First Regional Workshop of **You Kan Heal** was organised by Bhoomithrasena Club in association with Kochi Municipal Corporation, GIZ, C-HED and St. Teresa's College together to initiate a project in alignment with the LiFE project of Govt. of India, which aims at mobilising youth for reduction of single use plastics and promotion of sustainable practices/eco-friendly alternatives. The programme was inaugurated by T.K. Ashraf, Standing Committee Chairman. Sessions were taken by Dr. Nirmala Padmanabhan, You Kan Heal Expert and Mr. Joshy Varghese, You Kan Heal Coordinator from St. Teresa's College, Ernakulam.



On March 21st to celebrate **International Forest Day** and to raise awareness of the importance of all types of forests Bhoomithrasena Club circulated pamphlets among students. The theme of 2024 International Forest Day is 'Forests and Innovation: New Solutions for a Better World'.

On 26th March, **World Sparrow Day** was observed by Bhoomithrasena Club by organising a session by Sri. Mukesh Jain to encourage the youth to know the importance of birds in our ecosystem.

Renovation of the Botanical Garden of The Cochin College was done by Bhoomithrasena Club in association with Dept. of Botany.



Bhoomithrasena Club distributed Menstrual Cups among students as the part of **Women's Day Celebrations** on March 19th.

Principal, Dr. M. Geetha, released "**Campus Biodiversity Register**" which was prepared under the aegis of Department of Zoology and Department of Botany. The Cochin College Funded by DBT Star College Scheme and Bhoomithrasena Club, Department of Environment and Climate Change (DoECC), Govt. of Kerala, Thiruvananthapuram.



The Cochin college is recognised as "Peace League Institution" in **International Peace G20 Youth Summit 2023** Kochi, Kerala, South India hosted by The Choice School, Thripunithura, Kochi on August 12th. Ten students from B.Sc. Zoology participated in the IP20 Youth Summit along with Faculty in Charge Dr. Manju V. Subramanian who was recognised as Peace Ambassador. Manu Mohan, of 2nd B.Sc. Zoology actively participated in a panel discussion on "Gender Equality".



Young Innovators Programme

The Young Innovators Programme (YIP) conducted a **YIP Priming Session** on 19-02-2024 to brief and motivate the students on the upcoming YIP 6.0. The students were given hands-on training on idea submission on YIP online platform. Around 87 participants attended the programme under the guidance of Ms. Elbia, YIP 5.0 intern, St. Teresa's College.





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14

BOTANY

The Department of Botany, in association with the Dept. of Biotechnology, the Dept. of Biochemistry and Bhoomithrasena Club celebrated **World Environment Day** by conducting an exhibition cum sale programme EPOXY on 21-06-2023



The Department of Botany, Biotechnology and Biochemistry organized a seminar on the topic **Unveiling the Visible: Early Detection of Plant Disease Through Advanced Technology** on 14 March 2024 in the seminar hall by Dr. Sayuj Koyyappurath.



Department of Botany in association with Primordia Life Sciences, Kinfra Park, Kalamassery, arranged a hands-on training on **Basic Techniques in Molecular Biology** for final year Botany students on 15/03/2024.



The Department of Botany in association with Department of Biochemistry and Biotechnology, organized an outreach programme '**Snehapoorvam**' on 19/12/2023 at Prateeksha Bhavan, an old age care home at Edakochi.



A Career Orientation Session was arranged for the first-year students on 11/10/2023. The speakers were Dr. Suprabha G Nair, Head of the Department of Botany and Ms. Anjana Dominic, an ex-student who secured CSIR-JRF. The programme, "**Career after Botany**" was conducted for final year Botany students on 8/11/2023 and the speaker was Ms. Sainaba A.A. guest lecturer of the department.





Electoral Literacy Club

In collaboration with the Young India Foundation, Electoral Literacy Club organised a **Voters Enrolment Program** on 28th November 2023 for adding the students who are 17 years old in the Voters List. Around 70 students got enrolled. Twenty volunteers were trained for the online enrolment process.



JEEVANI Counselling Cell

Jeevani is a project by the Department of Collegiate Education, Government of Kerala, in technical collaboration with National Institute of Mental Health & Neurosciences (NIMHANS), Bengaluru which focuses on the mental well-being of the students in Government Arts and Science colleges in Kerala. Ms. Anu Bejoy, joined as the Jeevani Psychologist on 6th November 2023 and Dr. Manju V. Subramanian was appointed as Jeevani Coordinator of The Cochin College.

As part of the programme, mental health awareness classes were conducted for the students which covered the topics on depression, anxiety, stress, suicidal ideations, toxic relationships etc. Individual sessions also were provided for those in need.



Achievements



Safna H. of 2019-22 batch received the Chief Minister's Pratibha Scholarship on 25-01-24 at Nisha Gandhi Auditorium, Trivandrum. She received certificate of honour and one lakh rupees as an award given by the honourable Chief Minister of Kerala.



Poornima Umesh of 2020-23 batch secured first rank in B.Sc. Botany Model II Vocational Plant Biotechnology Programme from MG University.





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15

Self Financing Wing

DEPARTMENT OF BUSINESS ADMINISTRATION

Department of Business Administration conducted an **Orientation Class on Career Management Courses** with Unique Ocasio Tech in The Cochin College on 12/10/2023. Ms. Anna Benny and Jithin Thampan were the resource persons for the programme.



The students of third year BBA supplied food to patients and their by standers in Thuravoor Government Hospital on 27/06/2023 as part of **Feeding the Hungry**.



As part of **Deeksharamb** for first years, the department conducted an orientation programme on 9/10/2023. Ms. Mrudula Menon V, Associate Professor, The Cochin College was the resource person.



Department of Business Administration conducted a **Digital Marketing Awareness Programme** with SOFT LOON IT SOLUTION on 9/10/2023. Mr. Brahmdas R.I and Suneesh Sharma were the resource persons.



As a part of Deeksharamb for first years, the department conducted a **Career Orientation** on 11/10/2023. Mr. R. Vijayakumar, Assistant Professor of The Cochin College was the resource person.



The department organized an **Alumni Interaction** with 1st year students by Mohammed Sabith the former student of BBA on 11/10/2023.



The department conducted a **Food Fest** on 19/01/2024 in the college campus.



Department organized an **Orientation on International Education Opening Doors to a Brighter Future** with AECC on 10/10/2023. Ms. Hitha Mathai was the resource person.

Department organized an **Academic Orientation Class** on 11/10/2023. Mrs. Betna Rodrigues, HoD of Business Administration was the resource person.

Department organized an **Academic Orientation Class** on 11/10/2023. Mrs. Betna Rodrigues, HoD of Business Administration was the resource person.



The department conducted a **Workshop on Life Skills** for first year BBA students on 23/11/2023. Mr. Sandeep Damodaran was the resource person.



On 18/12/2023, the department organized an **Industrial Visit** to Tea Estate, Munnar.

DEPARTMENT OF COMPUTER APPLICATION

An Inter University Tech Fest titled "**TECZA2K24**" was organized by the department on 18th and 19th of January 2024. Prize money worth 40K was distributed by the Principal Dr. M.Geetha. As part of fund collection coupons worth 80K were sold out and a raffle draw was conducted. The winners were given cash prize.



Conducted webinar on "**Artificial Intelligence and its Future**" by SI-UKS on 4-7-2023. The session was handled by

Dr. Gary Ushaw, Senior Lecturer & Director of Business School of Computing, Newcastle University, UK. As part of **INIZIO**, the department conducted a Career Orientation session for the first year BCA students on 16-10-2023. The session was handled by Mr. Ashwin P, Web admin and System admin, The Cochin College.



The department, in association with TECHBYHEART conducted a Hackathon titled **HACKRUN** on 1st March 2024. The program was inaugurated by Ms. Poonguzhali IPS, AIG Coastal Security



Conducted a **Career Orientation on Overseas Education** on 8th January 2024. The speaker was Ms. Nidhila Lybin





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Self Financing Wing

DEPARTMENT OF COMPUTER APPLICATION

Started 30 hours **add-on class "CYBER SECURITY AND ETHICAL HACKING"** in association with TechByheart for the first year BCA students on 10 October 2023.



A **Career Awareness Class** by Network Academy was organized for the BCA final year students on 2nd November 2023



Conducted a seminar on "**Study Abroad & Career Opportunities**" for the BCA students by EDROOTS Academy on 19th September 2023

Conducted a workshop on **BIG DATA AND AI LIFE CYCLE** on 12th March 2024 by Expertzlab for BCA students.

Organized a seminar on "**Latest Technology Trends in IT and its Global Career Opportunities**" by Indian Institute of Information Technology, Kottayam on 15th March 2024. The speaker was Mr. Pranshu Mahajan .



Organised a **Workshop on Life skills** for the first year BCA students by Creative Miles on 29th November, 2023. The session was handled by Mr. Sandeep Damodaran

Conducted a seminar on "**Networking and its Future**" by Synnefo Solutions, Ernakulam on 13th March 2024



DEPARTMENT OF MATHEMATICS



The quiz competition "**Quizo phile**" was conducted on 01 March 2024.



The department, in association with the Mathematics Association and IQAC organized a seminar, "**Levelling the Field: Gender Equations and Lurking Disparities**" on 13 November 2023. Dr. Soney Bhageeradhan, Asst. Professor, Dept.of English was the speaker



An orientation class "**Careers in Mathematics**", was organized for the first year students of B.Sc Mathematics. The class was taken by the II M.Sc. Mathematics student Ms. Lana Leanus.

Mr. Amal Pavithran, HoD, Dept. of Maths, Ms. Mary Riya Roy, Asst. Professor, Dept of Mathematics, and Mohammed Hafeez KK M.Sc. Data Analytics with Computational Science, Digital University, Kerala were the alumni representatives for the session



An **Academic Orientation** for I B.Sc. Mathematics students was given by Mr.Amal Pavithran, HoD of the Department.

Achievements of Students

Our Final year M.Sc Mathematics Students Jubina Junaid and Lana Leanus won first prize in Riddle and Poetry Competition in the event Enigmas 2023-24. Sanoobiya V.A. (I M.Sc. Mathematics) won the second prize in speech competition, Anciya Paul (I M.Sc Mathematics) got first prize in tongue twister competition and Afeefa A(I M.Sc. Mathematics) won the first prize in identify the person competition held by the department of Malayalam. II M.Sc. Mathematics student Ms. Lana Leanus has been placed in Sutherland, Cochin.

Ms. Nancy Thomas, Assistant Professor, Department of Mathematics attended UGC Sponsored one week National level Online Faculty Development Program on "Outcome Based Education and Essential AI Tools for teachers" organized by the Internal Quality Assurance Cell(IQAC) of Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata in association with The Department of Mathematics, Chauhan Charan Singh University, Meerut and Co-hosted by ipsr solutions limited from 14 Dec 2023 to 20 Dec 2023

Ms. Nancy Thomas, Assistant Professor, Department of Mathematics published 4 research papers in various Scopus indexed journals: Mathematical Statistician

and Engineering Applications, International Journal on recent and Innovation trends in Computing and Communication, Semiconductor Opto electronics, Advances in Mechanics.

Mr. Amal Pavithran, HoD, Dept. of Mathematics, attended the "International conference on Advances in Applied Probability and Stochastic Processes", ICAAP &SP 2024 in association with Indian society for probability & Statistics (ISPS) from 18 to 20 January 2024 organized by the department of Mathematics, St. Aloysious College, Elthuruth.

Mr. Amal Pavithran, HoD, Dept. of Mathematics, attended the "International workshop on Advances in Applied Probability and Stochastic Processes", ICAAP &SP 2024 in association with ISPS on 24 January 2024 organized by the department of Mathematics, CMS College, Kottayam.



Staff trip to Casa Rio Resort, Athirappilly on February 10th, 2024.





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17

Self Financing Wing

DEPARTMENT OF COMMERCE

The Department of Commerce conducted a webinar on **Introduction to MOOC Course** on 27/06/2023



On 4th July 2023, the Department organized a seminar **International Career Prospects for Indian Students** with SI —UK for final-year students.

As part of **Deeksharamb** the department organized an orientation programme on 9/10/2023. Dr Manjusha M. V. was the resource person



The dept. conducted **Management & Govt. Exam**

Awareness Program with ENTRI App on 10/10/2023. Mr. Sabeeh Hariad and Mr. Afsal M A were the resource persons.



A webinar, **Unlocking Assets, Finance & Ownership on Blockchain** was taken by Mr. Hatem Mabrouk on 31/01/2024.



The department organized a webinar **Career Opportunities after Commerce**. The session was led by Mr Deepak Jose on 6/12/2023.

The dept. organized an **Industrial visit** to Tea Estate, Munnar and Wagamon for the 2nd year B.Com. C A & B.Com. F & T students



The Indian Space Research Organisation launched a new introductory-level online training programme 'Space Science and Technology Awareness Training (START)' aimed at PG students and final year UG students for generating human resources in space science and technology. The Cochin College was selected as the nodal centre of ISRO-

A **SMART Investors Awareness Program** was conducted on 11/09/2023. The speaker was Dr. Liance Mathew, Assistant Professor, Department of Commerce.



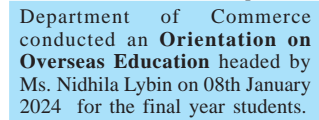
A **Student - Parent Orientation** was organised for the students and parents of the department. The session was led by Haidia Lizebeth Jason, Assistant Professor, Department of Commerce on 10/07/2023.



The department organized a **Subject Orientation Session** on subjects of B.Com Program on 17/08/2023. Ms. Nikisha M. and Ms. Arya Soman from the department of Commerce were the resource persons.



Department of Commerce conducted a **Digital Marketing Awareness Programme** with SOFTLOON IT SOLUTION on 9/10/2023. Mr. Brahmadas R. I. and Mr. Suneesh Sharma were the resource persons.



Department of Commerce conducted an **Orientation on Overseas Education** headed by Ms. Nidhila Lybin on 08th January 2024 for the final year students.

The department conducted a **Workshop on Life Skills** for first year students on 11/09/2023. Mr Sandeep Damodaran was the resource person.

The Department conducted a **Career Orientation Programme** on 27/09/2023 for the final year students.



Unique Occasio Tech with the Department of Commerce conducted a seminar on **Careers in SAP and Management** on 12/10/2023. The session was led by Ms. Shamy Backer and Mr Jithin Thampan.

Department of Commerce conducted a **Soft Skill Development Program** headed by Mr. Shine Antony from Santa Monica on 31st January 2024.



On 05 October 2023, the Department of Commerce conducted a cleanup campaign as part of **Swachh Bharat Abhiyan**, focusing on beaches and parks.



The Departments of **Electronics and Physics** in collaboration with Technovalley IT Solutions conducted a career guidance class **YourPassport to a Highly Paid Career** on 15 January 2024. Special emphasis was made on Salary Mastery, Career Navigation, Industry Insights and Skill Spotlight.





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Activities of NSS

The NSS unit of The Cochin College celebrated **Environment Day** on June 5th by planting fruit saplings in the campus.



The NSS volunteers planted fruits saplings at T.D. School, Mattanchery as part of **Environment Day Celebration** in the adopted school on 8th June 2023.



The NSS unit observed **International Yoga Day** in the indoor auditorium on 21st June 2023. The Yoga Practitioner was Mr. Manoj Krishnan.



As part of observing the **International Day against Drug Abuse**, the Cochin College NSS unit organised a **Poster Designing Competition** for students on 3 July 2023.



In connection with the **International Day for TB Awareness** the NSS unit of the college distributed nutrition kits comprising food items stipulated by health department authorities at District TB Centre Karavelipadi on 10th August 2023.



The NSS unit of the college organised a **Blood Donation Camp** in association with IMA Cochin and HDFC Bank on 11th August 2023.



The unit organised an exuberant **Independence Day celebration** with volunteers having prepped the grounds and gardens with eco-friendly festoons on 15th August 2023.



Four NSS volunteer secretaries, Aldriya Nixon, Manu Mohan, Francis Savio and Afeefa K.N. attended a **Two Day Residential Orientation Camp** for NSS volunteer secretaries organised by M.G. University NSS Cell at S.H. College, Thevara on 18th & 19th August 2023.



NSS volunteers and P.O.s visited **Good Hope Old Age Home**. The volunteers laid a floral carpet and staged dance performances and Thiruvathira for the residents on 25th August 2023.



On **Teachers' Day**, the NSS volunteers wanted to ensure that their teachers were made to feel special on the day assigned to them. They custom made cards for each teacher in the college on 5 September 2023.



As part of the observation of **World Preservation Day**, the NSS volunteers participated in banner beautification at Marine Drive, Kochi on 15 September 2023.



The NSS volunteers participated in a **Beach Cleaning Session** organised by the Indian Swachatha Mission on 16 September 2023.



Selection Orientation for the first year volunteers was held at the seminar hall on 27 September 2023.





THE COCHIN COLLEGE

KOCHI - 682 002

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Activities of NSS

As part of the **Swachatha Hi Seva Campaign**, NSS volunteers participated in a vigorous cleaning campaign at Raksha Special School and its vicinity on 4 October 2023



A **Pre- Orientation Session** was organized for the first year recruits after which the first year volunteers carried out an energetic campus cleaning session on 7 October 2023



NSS first year volunteers and the two POs took part in the **Beach Cleaning Drive** organised by NETFED and Coastal Police at Fort Kochi Beach on 13 October 2023



A handpicked group of volunteers cleaned, whitewashed and did **Beautification of the NSS Room** on 18th October 2023



Aarambam 2K23, the two day orientation program for first year volunteers was inaugurated by the MGU NSS Coordinator Dr. E.N. Sivadasan on 20-21 October 2023



The NSS unit of the college went on a three day **Residential Nature Education Camp** to Vellapara, Idukki in a group of 37 students and two program officers on 25 to 27 October 2023



First year NSS volunteers participated in the **Vayojanotsavam** organized by the Cochin Corporation at Town Hall, Ernakulam on 1 November 2023



NSS Unit in association with College Library organised **Books on Wheels** project for Ward No. 9, Cochin Corporation on 17 October 2023



NSS Unit observed **National Constitution Day** by taking the pledge of Preamble of Indian Constitution on 27th November 2023



Second year NSS volunteer, Francis Savio got selected for the **NSS Adventure Camp** held at Atal Bihari Vajpayee Institute of Mountaineering, Dharamsala.



NSS unit in association with the THQH, Fort Kochi organised **AIDS Awareness Rally** at Fort Kochi beach on 30 November 2023



NSS unit organised **AIDS Awareness Session** for the volunteers in the seminar hall on 01 December 2023. ICTC counsellor Ms. Nikhila Divega was the resource person.



20 NSS volunteers attended the **Disaster Management Training Program** organised by the MG University at S.H. College, Thevara on 16 December 2023



NSS unit organised **Seven Day Special Camp** for second year NSS volunteers at St.Xaviers Public School, Kandakadav from 25 th to 31 st December 2023





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Activities of NSS

Sneharamam Project of the NSS unit began functioning on 10 January 2024. The project that envisages turning neglected spots in the city that attract irresponsible garbage dumping into sustainable gardens where people can rest and relax.



The Cochin College NSS team participated in various events associated with the commemoration of **Nutrition Day** by the Department of Health at St. Thomas Moore Church Hall, Palluruthy on 16th January 2024



NSS unit organised a **Cyber Awareness Program** for volunteers in association with the Team Bodhini, Ernakulam on 08 February 2024



The NSS volunteers of The Cochin College spent a day at Good Hope Care Home to commemorate **Palliative Care Day on 17th January 2024**



NSS unit celebrated **Republic Day**. College Vice Principal, Dr. Reshimon P.R. hoisted the Flag. Republic day speech and open Republic Day Quiz were organised by the volunteers



NSS unit observed **Martyrs' Day** at Gandhi Statue near Koovapadam market on 30 January 2024



National Youth Day celebration was inaugurated by Ms.Nandini Nair IRS, Income Tax Joint Commissioner, Cochin on 05 February 2024



NSS unit and College Library in association with the Kochi City police, organised **"Unarv"** Anti-Drug Awareness Campaign for the first year NSS volunteers on 13 March 2024



Nature Club

On July 3rd 2023, International Plastic Bag Free Day, Department of Zoology and Green Protocol Committee - Nature Club, in association with Planatearth (NGO), launched the project, **ReFORM** to reduce the use of single-use-plastic.



I B.Sc Zoology Students were taken for two days **Nature Camp** to Silent Valley National Park, Mannarkkad, and Attappadi, funded by Kerala Forests & Wildlife Department & co-funded by DBT Star College Scheme.



On February 1st 2024 Green Protocol Committee of Nature club and Department of Zoology in association with NGO plan@earth, Aluva, organized a **Recycling Drive** for paper, plastic and electronic waste from all the department of the College. About 1345 kg. paper waste and 27 kg. plastic waste were collected and transported to Plan@earth for recycling.



On 18 March 2024, on **Global Recycling Day**, A4 size paper bundles equivalent to waste paper collected, were distributed to all the departments of the College.



Editorial Board

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