



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

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

The Cochin College has always taken pride in being exclusively committed to catering for the need of students. Having been established in 1967, by the Cochin Educational Society, the college has transcended to achieve remarkable heights, upholding the values and cultural ethos of the

society. Committed to the pursuit of truth, the college has completed 56 academic years and has enriched the lives of more than thousands of students and staff sculpturing out humane professionals. Our academic standards have continued to improve each year, and with an ever committed and dedicated faculty and management team, the college aims at providing innovative and pragmatic excellence in every aspect of a student's life, by empowering them to meet the demands of the job market.

The period 2022-2023 has witnessed a tremendous shift in perspective in switching back from online to offline mode of learning. Each department has been exclusively carving out the best for the students with its focus areas being education, research and social involvement. The institution has been pertinacious to its core mission and values of contributing positively to the community, focusing on the individual learner and cumulative aspects of their growth.



From the Principal's Desk

Dr. M. Geetha

The academic year 2022-23 saw the return of students to our campus after the pandemic. The college was all prepped up to welcome students and present them with a holistic learning experience by focusing on academics and extracurricular activities alike. The situation also exposed us to a novel range of issues – reinstating the student-teacher and student-student equilibrium, catering to the mental health of students, re-familiarizing students with offline modes of teaching, to name a few. Long term online classes had its adverse effect in the attention span of students. Hence, the focus was on identifying the challenges and finding comprehensive solutions.

The smooth functioning of our college is always ensured by a team of excellent teaching and non-teaching staff, our college and management office and the college library. Our workforce is always live and actively catering to various requirements of students. In addition to ensuring student development, our teaching community constantly engages in faculty development programmes and research publications and presentations. To ensure student-teacher rapport, yearly community extension activities like beach cleaning, visiting old age homes and orphanages etc. are also organized. The academic development of students is analyzed systematically with the help of internal exams and progress of students ensured. College PTA meetings are occasionally held to account for feedback from parents. Alumni

association meetings provide the support of a network of former graduates who efficiently aid in the welfare of the college.

Cultural celebrations form an inevitable part of the college curriculum. All the festivals and days of national importance are celebrated by the students with active support from the teaching community and non-teaching staff. The National Service Scheme of Cochin College acts as an active tool in promoting student interaction and community living. In addition to NSS, the various Clubs and Committees nourish the talents in students and help them excel in their respective fields of interest. The remarkable performance of our students in various inter-collegiate arts and sports competitions and university youth festival deserve special mention.

The institution strives to bring out the best in each student, molding them as socially responsible and politically active adults who are valuable assets to the society.





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As part of 'Azadi Ka Amrit Mahotsav', an initiative of the Government of India to celebrate and commemorate 75 years of Indian independence and its glorious history, people, culture and accomplishments, the Directorate of Higher Education of Kerala and the state National Service Scheme units jointly organised the 'Freedom



Wall' mural art project. A team of 25 student artists from our college, led by Sheethal Sebastian, Maneesh M. and Prathyush M.V. recreated the historical scenes on a 200 sq.foot wall, inside the college. The endeavour which took around 12 hours to complete, brought to life the freedom fighters and the cultural icons of India.

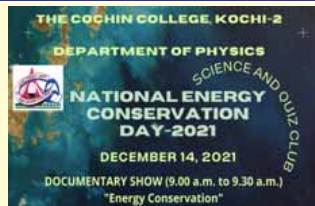


The Literary & Debating Club organized an essay competition in English and Malayalam as part of "Azadi ka Amrit Mahotsav" on 10 August 2022.



The L&D Club also organized an English & Malayalam Poetry Writing competition as part of "Azadi ka Amrit Mahotsav" on 20 August 2022.

SCIENSPIRATIONS



As part of Azadi Ka Amrit Mahotsav, The Cochin College, Science and Quiz Club, in association with Department of Physics, The Cochin College, initiated a series of science programs to inspire students, under the title SCIENSPIRATIONS. The first one under this title, SCIENSPIRATIONS PART-1 was organized on 11th August 2022, to celebrate 103rd birthday of Dr. Vikram Sarabhai. Dr. Helen Basil, Senior Engineer/Scientist

(Retd.)V.S.S.C, Thiruvananthapuram inaugurated the program and made an inspirational speech on Indian Space Programs and contributions of Dr. Vikram Sarabhai, followed by an inspirational movie show.



As part of celebrating "Azadi Ki Amrit Mahotsav", the Post Graduate and Research Department of Commerce and Career Guidance Cell jointly organised a talk on **Role of Indian Navy in 1971 War**. The session was handled by Commander Anup Padman P., Executive Officer, INS Dronacharya, Lt. Cdr. Jithu S, and Lt. Cdr. Saloni Gandhi.



As part of celebrating "Azadi Ki Amrit Mahotsav", Botany Department organised a patriotic song writing competition in Malayalam, English and Hindi.





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INIZIO 2022

A Student Induction Programme for first year undergraduate students was organised by the IQAC of The Cochin College from 12 December 2022 to 16 December 2022. The sole purpose of this programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.



Interactive training sessions on various topics like the science of learning, creativity, problem solving, techniques to beat procrastination, improve memory etc. were conducted by Habit Theory. Subject wise



orientation classes were organised by the respective departments.

Apart from this, the students were briefed upon the various clubs and committees in the institution. There were sessions on yoga & meditation, importance of being physically active, classes on cloud tools for academics and interaction with the alumni. The students were also encouraged to perform activities like creating reels exhibiting their talent.



Faculty Development Program- 2022

TOWARDS A FLOURISHING EDUCATOR
An Interactive 7 Day Online Faculty Development Programme

- Certificate by UGC HRDC, UNIVERSITY OF KERALA
- Teachers from any stream can register
- Considered for CAS Promotion
- Duty Certificate will be provided
- Relieving Order is MANDATORY
- Video participation and attendance is mandatory for certification

Candidates are requested to pay an enrollment fee: ₹ 1000/- (The selected candidate list will be out by August 15)

Resource persons:
Dr. Rosamma Philip
Principal, Mount Tabor Training College, Pathanamthitta

Dr. Anu G.S.
Associate Prof., Dept. of Education, Nagaland University, Kohima

Organized by The Cochin College, Kochi (affiliated to MKU University, Kottayam under the aegis of IQAC) together with UGC HUMAN RESOURCE DEVELOPMENT CENTRE, UNIVERSITY OF KERALA, and MAHATMA GANDHI UNIVERSITY, KERALA Funded by DBT Star College Scheme

Dr. Manjusha M.V. 949579079

An interactive 7 day Faculty Development Program on 'Towards a Flourishing Educator' was organised by The Cochin College, under the aegis of IQAC, together with UGC-Human Resource Development Centre (HRDC), University of Kerala and Mahatma Gandhi University, Kottayam from 23 August 2022 to

29 August 2022. The Resource persons were Dr. Rosamma Philip, Principal, Mount Tabor Training College, Pathanamthitta and Dr. Anu G.S., Associate Professor, Dept. of Education, Nagaland University, Kohima. The FDP was fully funded by DBT Star College Scheme, Department of Biotechnology, Government of India.

Electoral Literacy Club

The Club is meant for promoting electoral literacy among new voters. ELC along with the Election Department, Govt. of Kerala, organized "Be a Voter" program on 10th of December 2022 for enabling all eligible students to enroll for Voters ID card. More than 200 students enrolled on the same day. ELC observed National Voter's Day on 25 th January 2023 by taking Voter's pledge.

Awarded Ph.D.



Mr. Vijeesh P, Assistant Professor, Department of Physics successfully completed his Ph.D program under the guidance of Prof.

(Dr.)Supriya M. H., Department of Electronics, CUSAT and the degree has been awarded on 09-12-2022.

Topic:
"Development of A Crystallizer-Image Analyzer System and Its Application in Optical Bandgap Modification of Tri Glycine Sulphate."





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ENGLISH

U N International Youth Day, 12 August 2022



The Department of English celebrated UN International Youth Day on 12 August 2022 in association with Help Age India by conducting a Poster Designing Competition. A signature campaign proclaiming solidarity to the theme of Youth Day, **Intergenerational Solidarity: Creating a World for all Ages** was inaugurated by the Principal Dr.M.Geetha.



The Stray Dog Crisis: From Hysteria to Pragmatism: The department of English in association with Animal Rescue, Kochi and Humanity for Animals organized an awareness session, "The Stray Dog Crisis: From Hysteria to Pragmatism" on 19 September 2022. The speakers were Dr. Sooraj and Dr. Gowri Menon (Cochin Pet Hospital), Ms. Sajith Sajan and Ms. Gayatri Krishna (Animal Rescue).

Paper Presentations

1. Ms. C.S. Prabha presented a paper titled, "Hoping against Hope: Effecting Eudaimonia through Logotherapy" in the National Seminar organised by Sree Sankara charya University of Sanskrit, Kalady
2. Ms. Neena Simon presented a paper titled, "Pilgrimage Tourism

Workshop on Research Methodology



A workshop on **Research Methodology** was conducted by the Department of English on 16.2.2023. The resource person for the session was Dr. Binilkumar M.R. Assistant Professor, Department of English.



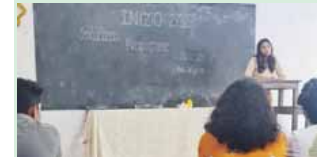
Kargil Vijay Divas: On 26th July 2022, the department remembered in a special way, the wives of Kargil heroes, who took on the onerous task of caring for the family and holding them together while the men braved it out at the battlefield. The students made videos sharing the soldiers' exceptional stories of indomitable courage, bravery and sacrifice and expressed their gratitude to them and their families.



Induction Programme for first year students: The Department conducted an Induction Programme on benefits of studying English Language and Literature, as part of INIZIO 2022. The resource person for the programme was Smt. Daisy Roshan Rebera.



Meet the Alumni: On 16 December 2022, as part of INIZIO, the department organised a speech by one of our ex-students, Ms. Poornima T.U.



A Tryst with Words - A Dadaist Poetry Workshop, A Tryst with Words was conducted on 23 June 2022.



Women's Day Celebration 2023

On 8 March 2023, the house keeping staff were honoured for their untiring labour. Principal Dr. Geetha M., Dr. Annieta Philip, Dr. Sindhu, Smt. Sreevidhya K.S. joined the department faculty. The Head of the Department Smt. Mrudula Menon V. delivered the welcome address in the function.





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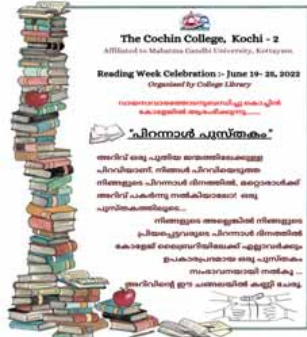
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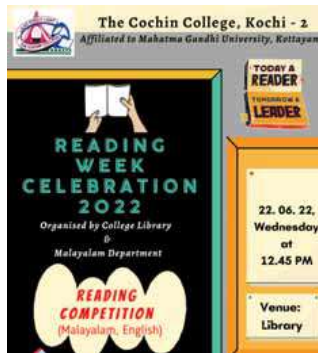
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Library

The project **Pirannal Pusthakam** was inaugurated by Vice Principal Dr. Reshimon in the presence of the principal Dr. M. Geetha and Vice Principal Dr. Sindhu K. on 20/6/2022.



Organised a webinar on **Vaayanayude Dishakal** in collaboration with Malayalam department as part of **Vayanavaaram**, on 25/06/2022



Conducted **Reading Competition** in Malayalam, English and Hindi, in the Library on 22/06/2022

Dr. A.P.J. Kalam Remembrance Day was observed on 27th July, 2022 by organising a **Book Exhibition**



Conducted **SWAYAM online Certificate programme** on 5 August 2022.

Ms. Jeena Jayan served as resource person for **Workshop on E-content awareness**, in St. Joseph's College of Teacher Education for women, Ernakulam, on 9/8/2022 and also for the orientation program for faculty, organized by the IQAC and Library of The Cochin College, on **Online Awareness on access to E-resources under N-List Programme**, on 29/10/2022.



Awareness Poster Exhibition was conducted in the College Library in connection with **ലഹരി വിമുക്ത കേരളം** programme on 25/10/2022

ഓൺലൈൻ മലയാള സാഹിത്യപ്രശ്നോത്തരി - മലയാള ഭാഷാവാദാചരണത്തോടനുബന്ധിച്ചു കൊച്ചിൻ കോളേജ് ലൈബ്രറിയുടെയും മലയാള വിഭാഗത്തിന്റെയും സംയുക്താഭിമുഖ്യത്തിൽ കോളേജ് തലത്തിൽ വിദ്യാർത്ഥികൾക്കായി 11 നവംബർ 2022ൽ ഓൺലൈൻ മലയാള സാഹിത്യപ്രശ്നോത്തരി നടത്തി .

കേട്ടെഴുത്തുനോക്കുകളി കവിതാപാരായണം മലയാള ഭാഷാവാദാചരണത്തോടനുബന്ധിച്ചു കൊച്ചിൻ കോളേജ് ലൈബ്രറിയുടെയും മലയാള വിഭാഗത്തിന്റെയും സംയുക്താഭിമുഖ്യത്തിൽ കോളേജിലെ അധ്യാപക-അന്യോപകർക്കായി നവംബർ 14, 15ന് വിവിധ മത്സരങ്ങൾ നടത്തി.

കേട്ടെഴുത്ത് മത്സരം - മലയാള ഭാഷാവാദാചരണത്തോടനുബന്ധിച്ചു കൊച്ചിൻ കോളേജ് ലൈബ്രറിയുടെയും മലയാള വിഭാഗത്തിന്റെയും സംയുക്താഭിമുഖ്യത്തിൽ കോളേജ് തലത്തിൽ വിദ്യാർത്ഥികൾക്കായി കേട്ടെഴുത്ത് മത്സരം നടത്തി .

Conducted a one day training Programme on **Human Rights in Contemporary India: Issues and Approaches** on 13/02/2023. The programme was sponsored by National Human Rights Commission and the chief Guest was Sri. K Byjunath, Honorable member of Kerala State Human Rights Commission.



Conducted the **Knowledge conclave talk series #2**, on the topic "My journey as an Earthquake Scientist", in the seminar hall on 23/02/2023. The Resource person was Dr. Kusala Rajendran, Seismologist.



കവിതാപാരായണ മത്സരം - മലയാള ഭാഷാവാദാചരണത്തോടനുബന്ധിച്ചു കൊച്ചിൻ കോളേജ് ലൈബ്രറിയുടെയും മലയാള വിഭാഗത്തിന്റെയും സംയുക്താഭിമുഖ്യത്തിൽ കോളേജ് തലത്തിൽ വിദ്യാർത്ഥികൾക്കായി 10 നവംബർ 2022 ൽ കവിതാപാരായണ മത്സരം നടത്തി.



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



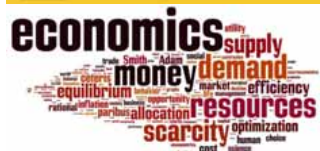
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Reach Out- Department of Economics conducted a career orientation class for plus two students in Bhavan's Munshi Vidyashram, Thiruvankulam on 29/06/2022. Mr. Tom Pious, Assistant Professor of the department handled the session.

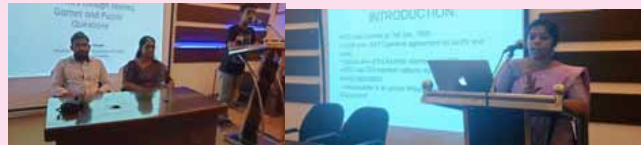


The department observed World Investor Awareness Week by organising Investment Awareness program for students on 12 October 2022. Mr. Sanil Abraham, renowned financial journalist served as the resource person.

Open Forum- The department initiated a program named **Open Forum** for expressing the ideas of students on different aspects of current affairs related to Economics. The first episode of the program was organised on 6/10/2022. Different groups of students from first, second and third year batches presented various topics followed by elaborate discussions.



Point of View - As part of the extra mural lecture series, "Point of View", the department organised two lectures. Mr. Justin George, Assistant Professor, Department of Economics, St. Paul's College, Kalamasserry delivered the first lecture on "Economics through Stories Games and Puzzle Questions" on 14/11/2022. The second lecture was delivered by Dr. Bineetha P Bose, Assistant Professor, Department of Economics, CHRIST Deemed to be University, Bengaluru on "Implications of WTO for Indian Economy" on 07-03-2023.



The department organised an alumni interaction on 16/12/22 as part of the student induction programme Dheeksharamb. Ms. Sameena P. Salam, former student of B.A. Economics who is presently working in Ireland interacted through Google meet with the students.

Mr. Renjith, Assistant Professor, Department of History is appointed as the new NSS programme officer. Mr. Tom Pious served as the speaker for the **Book Talk** organised by the Literary and Debating Club on 1/07/2022.



Department of Botany celebrated the **World Environment Day**, June 5 by organising a poster making competition on the topic "Only One Earth".



WORLD FORESTRY DAY (MARCH 21)

For creating awareness about the importance of forest in the existence of Earth and the life in it, Department of Botany organised a PowerPoint making competition on the topic "Flora of Forest". Students explored the diversity of the flora of the forest and made spectacular presentations.



Safna H. and Sangeetha S. of the 2019-2022 batch secured 2nd and 10th rank respectively in the M. G. University examination.



Mendubupuan
Mrudula Menon V.
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CHEMISTRY

Meet the Alumni 2022
The orientation class for firstyear Chemistry students was organized by the department on 14/12/22. The session was handled by Dr. Rama Krishnan, Assistant Professor, S. H. College, Thevara, alumnus of the department.



Careers in Chemistry
The Department of Chemistry conducted a class on career guidance for firstyear B.Sc. Chemistry students on 16/12/22. The resource person was Mr. Texin Joseph, Assistant Professor, St. Paul's College, Kalamassery.



International Youth Day
The department of Chemistry in association with Lift Up Academy celebrated International youth day on 12/8/2022. The program was inaugurated by the Assistant Commissioner of Police, Mattancherry.



Ozone Day Celebration 2022
As part of the World Ozone Day, the Department of Chemistry conducted an extension activity for the students of class 8, 9 and 10 of EMGHS School, Fortkochi on 07/10/2022. An awareness class on the topic "Preservation of Ozone Layer" for students of EMGHS, was offered by the second year and final year students of Chemistry department.



Say No to Drugs
The Antinarcotic Cell of the college in association with the Department of Chemistry organised a poster designing competition for the students of the college on Nov.1st, 2022 on the topic "Say No to Drugs". A human chain was formed in the college campus involving the students and staff on the same day with the students holding placards indicating the adverse effects of drugs and narcotics.



Achievements

Rehana U. secured A+ in the final year B.Sc. Chemistry Examination, May 2022.



Meghna P. V. of III B.Sc. Chemistry secured A grade in Mohiniyattam in M.G. University Kalolsavam.



Arya Rajan of II B.Sc. Chemistry secured A grade in Kuchipudi in M. G. University Kalolsavam.



Four B.Sc. Chemistry students participated in the one day workshop on "Ground water quality assessment and participatory management of water resources" organised by the Regional Analytical lab, Ground Water Department on 20/1/2023.

Ms. Priya M. presented a research paper on the topic "Synthesis, Characterization and Biological Activities of Schiff Base Complexes" at the Second International Conference on Applied Sciences organized by the department of Basic Science and Humanities, SCMS School of Engineering and Technology on 25/11/2022.

Dr. Zafna Rasheed presented a paper, "Electrochemical Sensing Of Amaranth Based On Poly(4-amino-3-hydroxynaphthalene-1-sulfonic acid) Modified Glassy Carbon Electrode" at the International Conference - MATCON 2023 organised by the Department of Applied Chemistry, CUSAT on 13/01/2023.

Entrepreneurship Development Club

The Entrepreneurship Development Club organized an interactive session on 'Exploring Entrepreneurship as a Career' in association with the Career Guidance and Placement Cell on 07th November 2022. Mr. Anoop John, Corporate Trainer, Meta Minds, Kochi was the resource person.





The Club collaborated with the Department of Commerce in conducting **Peppersav VI** on 07th February 2023.





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World Environmental Day Celebration
Students of the department conducted awareness classes in the nearby schools on 6th June 2022. Awareness programs were conducted at MMOVHS, Panayapally, Santa Cruz High School, Fort Kochi, St. John De Britto's A.I.H.S, Fort Cochin and Edward Memorial Government Higher Secondary School, Fortkochi.



International Day Against Drug Abuse and Illicit trafficking
Social media awareness campaign was organised for observing International Day Against Drug Abuse and Illicit trafficking on 26 June 2022. Digital posters were shared across various social media platforms to spread awareness.



International Day for Conservation of Mangrove Ecosystem
Awareness program for the conservation of the Mangrove Ecosystem was organised on 26th July 2022 for the students of the



International Tiger Conservation Day was observed by organising intercollegiate digi-poster making competition on 29 July 2022.

International Day for the Preservation of the Ozone Layer
To spread awareness about the importance of ozone layer, school level quiz competitions were conducted on 30 September 2022. The students of the department went to nearby schools and conducted the awareness quiz for high school students.



National Wildlife Week celebration
The department in association with World Wide Fund for Nature (WWF)-India organised awareness talks, documentary screening and quiz as part of National Wildlife Week celebration for the students of the college on 6th October 2022. Mr. Tiju Thomas, Mr. Renjan Mathew Varghese and Mr. A. K. Sivakumar were the dignitaries from WWF-India.



World AIDS Day - Faculty and I PG students of Zoology visited 2 schools in Fort Kochi and conducted AIDS Awareness class for standard IX & X students on 1 Dec 2022.



Seminar on Research Methodology : Dr. Senthil, Ramalingaswami delivered a talk on recent tools and techniques in the scientific world.



World Wetland Day Celebration
Poster Exhibition and Social Media Awareness Campaign was organised by the students of the department on 2 February 2022.



Apiculture Training and Workshop was organised by the Department of Zoology in association with TTC-IIC, The Cochin College. 50 students and 2 staff visited the Bee keeping and training institute, Mavellikara, Kerala.



Internships at research labs- Seven UG students were provided with one week intensive training in biotechnology at Scopeful Bio research Pvt. Ltd., Kalamaserry. The training was provided as part of DBT Star College Scheme.



Institute Visit- UG Students and Faculty visited the leprosy mission Hospital, New Delhi on 20 Feb 2023. The institute visit was organised in association with TCC-IIC, The Cochin College.







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Histopathology training - PG students were taken to ICAR-CMFRI, Cochin on 12 Jan 2023. Dr. Anu V Nair, technical assistant of the Microbiology Department, CMFRI, Cochin and research scholar Ms. Nikitha from the Histology Department explained the histological techniques for tissue preparation, embedding etc.



Institute Visit to ICAR-CIFT was organised on 21 Jan 2023. Dr. V Chandrasekar, Dr. Ezhil Nilavan, the department's principal scientist and Dr. Lekshmi explained the lab activities and working of instruments and techniques to the students.



Workshop and Training on Vermicomposting was organised for the final year UG students from February - March. The students had set up vermipots in the department using vegetable waste collected from Koovapadam market and dry leaves from the campus. The vermicompost and vermishash were sold.



Online Orientation in Research Methodology- was organised for the students on 24 March 2022. Mr. Bibin Kunjumon, PVT Merit Biolabs, Cochin, was the resource person.

B.Sc. Zoology University Results - 2019-22 batch The students secured two A+ and eight A grades at university level. A+ grade was secured by Athira O.R and Revathy N.A.

M.Sc. Zoology University Results - 2020-22 batch Five students secured A grade in the MG University Examinations.

Achievers
 GATE 2023 Qualified - Aarcha P Soman, 6th Sem UG, qualified GATE Biotechnology and Life Sciences, Bhavya Suresh, 6th Sem UG, qualified GATE Life Sciences
 JAM 2023 Qualified - Aarcha P Soman, 6th Sem UG, qualified JAM Biotechnology with All India Rank 338.
 Mr. Harikrishnan, II UG, Mr MG University 2022, II runner up in 80kg category
 Mr. Harikrishnan, II UG, Mr Alleppey 2022, Title Winner
 Ms. Revathy and Ms. Ajeesha, I PG Zoology won Rosalind Ever Rolling Trophy and first prize in Wildlife and Environmental Quiz organised by St Teresa's College, Ernakulam
 PG students secured overall II place in GenYsys hosted by Sacred Heart College, Thevara
 Ms. Rekha V.R., II UG, won second prize in the painting competition organised as part of International Yoga Day organised by Indian Coast Guard on 13 June 2022.
 Mr. Manu Mohan I UG, secured first prize in district level essay writing competition organised by Kerala Forest Department.
 Ms. Aswathy A. Shenoy, II PG, was awarded Second prize in the RICERCA- powerpoint presentation competition organised by St Joseph's College for Women, Alappuzha.

Faculty Achievements: **Dr. Manju V. Subramanian** was awarded certificate of appreciation by Higher Education Department, Govt of Kerala, for her outstanding contribution towards Anti Drug Awareness Campaign.
Dr. Smitha N.R. chaired a session for the paper presentation in the International Conference on Life Science Research and Intellectual Property Rights on 19 & 20th September 2022.



Elected as Senate Member MG University

Dr. Sindhu K. Associate Professor, Department of Economics, The Cochin College has been elected to the Senate, Mahatma Gandhi University.

RETIRING



Dr. Mini P. Mathai
Department of Botany



Dr. Biju P. Thampi
Department of Physical Education



Dr. Annieta Philip K.
Department of Physics



Sri. Pramud E.P.
Lab Assistant





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A workshop on **Awareness and Uses of E- resources** was organised by P.G and Research Department of Commerce on 26th Sep. 2023. Smt. Jeena Jayan, Librarian of The Cochin College handled the sessions. Various e- resources, Moodle, Swayam courses etc. were discussed in the workshop.



The department, in association with The Institute of Cost Accountants of India, Cochin Chapter organized a **Three Day Comprehensive Workshop on GST** on 28th, 29th & 30th September, 2022 in the college Seminar Hall. The three day sessions were handled by experts from ICAI Cochin Chapter – CMA Nishant Regunath, CMA Ashfack Ahmed and CMA Suresh Kumar K P.



An Online Quiz Competition was conducted on 20 Nov 2022, in connection with World Statistics Day.

Towards Better Health - Management of Life Style Diseases The Department organised a talk, **Towards Better Health** detailing the management of life style diseases on 28th August 2022. The session was handled by Dr. Shameer V.K., Assistant Professor, Department of General Medicine, Govt. Medical College, Kozhikode.

A webinar was hosted by Commerce Dept. on the topic **Universal Human Values and Professional Ethics** on 2nd August 2022. The lecture was handled by Dr. Vasanthakumari, Psychologist & Counsellor.

A talk was organized by the Department to commemorate **National Small Industries Day** on 31st August 2022 via Google Platform, the resource person being Mr. Ajith Kumar, Assistant District Industries Officer, District Industries Centre, Thrissur.

The flagship program of the department **Peppersav-VI** was organised in association with the ED Club. Students keenly participated by arranging their stalls with variety of food items and games were also arranged during the fest.



Taking into account the requirement of students to complete their projects as part of final year curriculum, the Department organized a session, **A Step-by-Step Approach to Project Preparation** on 9th January 2023. The resource person for the session was Dr. Madhusoodhanan Kartha.N. V, Assistant Professor of Commerce, Sri C. Achutha Menon Government College, Thrissur.



Ajay.A.S of 2nd B.Com Finance and Taxation won third position in **Ernakulam Body Building Physique Championship 2022-23**.



A **Financial Literacy** session was organized by the department with SV Wealth Partner's on 18th March 2023. The resource person Mr. Shamsheer Singh, a certified financial planner discussed various financial topics such as the basics of primary market, secondary market and mutual funds with the students.

The department conducted a **Career Orientation Programme** for the first year B.com Taxation and Marketing students on 14/12/2022. The session was handled by Mr. Hareesh P. N, Chartered Accountant and also the proprietor of Hareesh P. N and Associates.

Research Activities: The research centre has successfully completed the coursework 2023 batch. There are sixteen research scholars doing Ph. D. under the Research Department of Commerce. Shiju C.R. Research Scholar from the department was awarded Ph. D in Commerce in 2022. At present Dr. M Geetha, Dr. Anu. L, Dr. Rajani B Bhat and Dr. Liance Mathew serve as Research Guides of the Centre.

Achievements of Students:

Farsana K.N of Final year B.Com Finance and Taxation and Nourin Rafeeqe of 2nd year Master of Commerce and Management were members of the First Prize winning Oppana team of Mahatma Gandhi University Union Youth Festival, 2023.



Anjaly Rose Varghese of Final Year B.Com Finance and Taxation participated in National Wushu Championship, 2022 and secured first place in District Level and State Level Wushu Competition 2022.



Mohammed Arshid.A of 2nd B.Com. Marketing won First prize at M.G.University Level Wrestling Competition (65 Kg), Second Prize in State Level Wrestling Competition (67 Kg) and third position in Ernakulam Body Building Competition.





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topic "Unfurling the Gender Sensitivity of Toothbrush Industry". **Dr. Rajani.B.Bhat** is the Editor of ISBN - *Reverberations in Indian Economy*. She published an article in Rabindra Bharathi Journal of Philosophy on "Evaluation of Performance and Replication Strategy of Indian Equity Exchange Traded Funds". She was the External Expert of Senior Research Fellowship interview held at Maharajas College, Ernakulam. **Dr. Kochuthresia Jose** published an article in the International Journal

Faculty Achievements
Dr. M. Geetha published an article in UGC Care, KUTAP titled "Impact of Organizational Justice on Employee Job Satisfaction : A Study among Self-Financing College Teachers in Kerala".
Dr. Rekha. P.G has published an article in International Journal of Early Childhood Special Education (INT-JECSE ISSN 1308-5581) on the

of Early Childhood Special Education(INT-JECSE ISSN 1308-5581) on the topic "Unfurling the Gender Sensitivity of Toothbrush Industry".
Dr. Anu L. published an article titled, "Risk Perception of IN-Store M Wallet System: A Customer Perspective" in South India Journal of Social Sciences
Dr. Lakshmisree R. contributed a chapter on "A Study of Growth of IT Parks in Kerala" in the book *Recent trends in Commerce , Business and Economics*.

Career Guidance and Placement Cell



On 20th July 2022, Career Guidance Cell in association with Dept. of Commerce organized a talk by Mr. Manoj T. N., National Trainer - Skill India Mission.

Career Guidance and Placement Cell in association with Zaara Biotech organised a **Product Development Program** on 19th October 2022.

On 29th October 2022, SI-UK conducted an online awareness program on the topic **Future of Indian Students Abroad**, by Career Guidance Cell in association with PG and Research Department of Commerce.

On 11th November 2022 **Finishing School India** in association with Career Guidance and Placement Cell and Department of Commerce conducted a seminar.



Knowledge FM 11.55

The "Knowledge FM" of The Cochin College presents tiny vignettes of information which offer both inspiration and interesting facts to the student audience. The time span of FM is five minutes in which information is presented in a condensed manner by students of various departments.

On 13th December 2022, a talk and discussion on **New Career Trends and Opportunities** was conducted by Career Guidance Cell in association with PG and Research Department of Commerce and Kerala State Technical Education Development Society. The resource person for the programme was Mr. Vinod Chelakkara, President, Kerala State Technical Education Development Society.

On 9th January 2023, Career Guidance Cell in association with Department of Commerce and GIIMS Institute of Logistics conducted an **All Kerala Manager Contest** (Season 8) in the college. Career Guidance Cell under the initiative of the Government of Kerala Minority Department conducted a free Career Guidance and Personality Development Camp **Password 2022-2023** on 12 January 2023.



A career guidance seminar for B.Com. final year students was conducted by Mr. Hardy Joseph, Senior General Manager-Academics, TIME Cochin in the college on 8th March 2023 on the topic **Management Education After Graduation! Benefits of Doing an MBA in Top 'B' Schools and IIMS**. On 3rd November 2022, a Career Guidance and Placement Drive was conducted by Transcribe for Medical Scribes.



Financial Literacy Club inauguration on 16th March 2023 by Christina Cherian, Assistant News Editor and Researcher, 24 News



Tourism Club

Tourism Club in association with P.G. and Research Department of Commerce, was inaugurated on 27th September 2022, World Tourism Day by Smt. Reshmi Joseph, Assistant Professor, Department of French, St. Teresa's College, Ernakulam.





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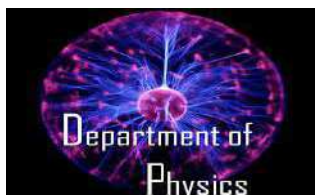
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Organized a 3-day workshop sponsored by IUCAA, Pune for early PhD/M.Sc./exceptionally motivated B.Sc. final year students on "UVIT DATA ANALYSIS ON GALAXIES" 24th-26th August, 2022.



SCIENSPIRATIONS - A programme was organized along with Science and Quiz club of The Cochin College. As the first activity of this new venture a Documentary was screened on Dr. Vikram Sarabai "The Rocket Boys" on 12th August 2022.



Celebrated **World students Day-Birthday of Dr. A.P.J. Abdul Kalam** by arranging a field visit with the entire students of the department to C-Sis, CUSAT on 29th October.



Alumni Connect: A new programme introduced in the current year in which the alumni of the Department share their experiences and achievements with the students. In the first session, Mr. Raj Kiran who took his UG and PG in Physics from the college and a NET and GATE scorer shared his experiences with the students.



Accepted Paper

Title: "Bismuth Ferrite/Barium Titanate ($\text{BiFeO}_3/\text{BaTiO}_3$) Thick Films for High Energy Applications: A Review", Dhanya Raj, Venkidesh T.V, Manjusha M.V.
Book Chapter - Review paper
Book name: "Physics and Mechanics of New Materials, Synthesis, Processing, and Emerging Applications" ISBN:9781774915738

Paper Presentation

Title: "Effect of doping on the structural properties of Barium Titanate nanoparticles" Dhanya Raj, Manjusha M.V presented at National Seminar on Advanced materials and Applied Physics 2023 (NSAMAP) at St.Thomas College, Kozhencherry, Pathanamthitta, Kerala conducted on 12th & 13th January 2023.

In the quiz programme conducted by Department of Physics, St. Alberts College Ernakulam as part of the National Science Day Celebrations, our PG students Mr. Vineeth and Mr. Jyothish won 2nd position.

Mr Rahul M.T of MG university who is a research student of Dr. Annieta Philip K, Associate professor, Department of physics successfully completed his Ph.D. program.

SCIENCE & QUIZ CLUB

Power Quiz

The Cochin College Science and Quiz Club coordinated the KSEB Power Quiz and conducted the College Level competition on 20th October 2022.



Conducted in association with KTPI a webinar on **Latex for Scientific Writing** by T.M. Manosh, Ph.D. Scholar, Department of Physics, CUSAT on 30th July 2022.

Energy Conservation Day

Science and Quiz Club in association with Department of Physics organized Essay writing competition on topic **Climate Change** as part of observing Energy Conservation Day 2022 on 14th December 2022.

National Science Day-2023

The Cochin College Science and Quiz Club organized an Online Science Quiz as part of National Science Day to commemorate 95th anniversary of Raman Effect.





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Literary and Debating Club



The L&D Club organized an online Book Talk, **Sangeerthanam Parayumbol** on Perumbadavam Sreedharan's book "**Oru Sangeerthanam Pole**" on 1 July 2022. Mr. Tom Pious of the Department of Economics was the resource person.

The LD Club organized an Elocution Competition on the topic **India at 75: Achievements and Expectations**.



The L&D Club organized a book talk on **Ladies of the Moon: Jokha Alharthi's portrayal of Omani Women and culture in Celestial Bodies** on 14 November 2022. The resource person was Ms. Shahanaz M.H. from the department of English.



The L&D Club, in association with Dept. of English organised a Book Talk on 3rd March 2023. The speaker was Ms. Veena Venugopal, author and journalist.



The L&D Club organized an online **Meet the Author** session on 22 August 2022. The guest was Dr. Mini Babu, Poet and Associate Professor, BJM College, Chavara, Kollam. Her collections are *Kaleidoscope*, *Shorelines* and *Memory Cells*. Her co-edited collections are *Meraki* and *Glass Bangles*.

Vanitha Jagratha Samithi, Student Protection Group and Anti- Narcotic Cell

A meeting was organised on 19th August 2022. Sri. Thrideep Chandran, SHO Mattanchery PS and Sri. Shaby P., CRO Mattanchery PS cautioned the students on dangers of drug abuse. PTA members, a representative from the Management, local businessmen, Janamythri representative and Pink Police were also present at the meeting.



A session was jointly organised by Vanitha Jagratha Samithi and Anti-Narcotics Club on 16th September 2022. The resource persons, Adv.Sujith Surendran and Ms. Rinku Vazhappilly who were part of CAPS programme, an NGO, spoke in detail about substance abuse.



Minority Cell

The Cochin College Minority Celland Women's Guidance Cell, in association with Coaching Centre for Minority Youth, Mattanchery, conducted **Pathway-Social Life Wellness Programme 2022-23** on 1st, 2nd & 3rd February, 2023. The programme aimed at preparing the youth in healthy relationships and handling situations in family life.



Film Club & Media Club



Media club celebrated World Photography Day on 19th August 2022, by conducting a Photography Competition, in association with Department of English and Film Club for the teaching and non-teaching staff of the college. Arun from the department of Chemistry, Arshad P.R. from Zoology and Haripriya B.B. from Commerce secured 1st, 2nd and 3rd prizes.

The Media Club, did the promotion of **Ardram**, short film by Adarsh Kumar Aniyal, an alumni of our college.

As part of **EUNOIA 2023**, the Global Academic Carnival, organized by Mahatma Gandhi University, a 30 seconds promotional video was presented by the Film Club to showcase the vivacity of the institution and bustling academic life.





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Self Financing Wing

DEPARTMENT OF BUSINESS ADMINISTRATION

The department conducted an **Orientation Class on Effective Communication Skills** with the Department of Languages on 22-08-2022. Ms. Thamanna Thajudheen, Assistant Professor of The Cochin College was the resource person.



Seminar on Soft Skill Training



was conducted by the department along with the department of Commerce on 8th December 2022 and the speaker was Biju Vidayathil, Director, Amity Global Business School

Alumni Talk

Department of Business Administration organized an Alumni Talk on 16-12-2022. Ms. Lincy P. T, a student of 2018-2021 batch, explained the importance of studying BBA and its scope.



Industrial Visit

On 1-12-2022, the Department organized an Industrial Visit to Tea Estate Munnar.



FOOD FEST

Coordinating with Department of Commerce in Aided Wing, Department of Business Administration conducted a Food fest on 7-02-2023.



Orientation on subject awareness

The department conducted an Orientation Programme on 14-12-2022. The session was handled by R Vijayakumar, Assistant Professor, Department of Commerce in The Cochin College.



DEPARTMENT OF COMPUTER APPLICATION

EXPLORIA2K22- THE TECH FEST

A Tech fest titled EXPLORIA2K23 was conducted on January 19th 2023, a one day program with three events namely WEBATHON- the Web designing event, VENATORES- the treasure hunt, and CLOUD RIDERS- the best management team.



The Department of Computer Application in association with IQAC conducted a workshop on **Cyber Security and Ethical Hacking** for the BCA and Commerce students. The session was organized by Tech Byheart.



Started 30 hours **add-on class Cyber Security and Ethical Hacking** in association with Tech Byheart for the B.C.A and Commerce students on December 9,2023.



Career Awareness by Tecacs Network Accademy for the BCA final year students was organized on 22nd August 2022



Conducted webinar on **Networks opportunities in IT Industry** by Spectrum Softtech solutions on 17th June 2022 for the BCA students.



As part of Deeksharam, the department conducted a **Career Orientation** session for the 1st year BCA and 1st year Mathematics students on 16-12-2022. The session was handled by Dr. Paulbert Thomas, Asst. Prof. Dept. of Electronics.

A **Placement Training Program** for final year UG students was conducted by Unique Occasio Tech on 07-12-2022.

Softskill Training by Enhape Academy was given on 20 Feb. 2023 for the BCA students.



Placement Preliminary Test was conducted for the final year BCA students by Onetech solutions, infopark as part of all Kerala placement drive on 08-03-2023.





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Self Financing Wing

DEPARTMENT OF COMMERCE

Official Language Awareness Programme

As part of observing Hindi Day, Department of Commerce, Department of Hindi and IQAC organised the **Official Language Awareness Programme** on 15th September 2022. The chief guest of the programme was Mr. Sampath Kumar P.N. (AGM, Cochin Shipyard) and the resource persons were Smt. Saritha G. (Deputy Manager, Cochin Shipyard) and Smt. Lija G.S. (Hindi Translator).



Orientation Class on Effective Communication Skill

Department of Commerce conducted an **Orientation Class** with the Department of Languages on 22-08-2022. Ms. Jayashree S, Assistant Professor of The Cochin College was the resource person of the programme.



Alumni Talk

Department of Commerce organized an **Alumni Talk** on 16-12-2022. The speaker was Philip Sam Tharakan, Research Scholar in The Cochin College.



Swachh Bharat Mission

Department of Commerce and IQAC organised a **Swachh Bharat Mission** on 19th August 2022 at Fortkochi Park.



Organized a webinar on **Investor Awareness** on 14th October. The speaker was Shri. Sanil Abraham, financial journalist.



On 13th January 2023, Department of Commerce organized an **Industrial Visit** to Tea Estate Munnar.



Orientation on Subject Awareness

As part of Deeksharamb for First years, the Department of Commerce and IQAC conducted an **Orientation Programme** on 14th December and the session was handled by Dr. Vineeth K.M, Assistant Professor, Department of Commerce, Govt. College, Thripunithura.

Industrial Visit

On 10th January 2023, Department of Commerce organized an **Industrial Visit** to Wagamon Masco Tea Factory.



As a Man Thinketh

Department of Commerce and IQAC organised a motivational class for the teachers, initiated by Mr. R. Vijayakumar, Head of the Dept. of Commerce on 14th October.



DEPARTMENT OF MATHEMATICS

On 9th December 2022, **Mathematics Association** was inaugurated.

Extension Activity : Students & Teachers visited the Cottolengo Special School, Fort Kochi.



An **Orientation Class, Careers in Mathematics** was organized for the first year Maths students. The resource person was Dr. Paulbert Thomas of The Cochin College.

Quiz Competition

Organized the quiz competition **Quizophile**. The quiz held on a virtual platform has three rounds that would challenge students to create and solve mathematical puzzles, logical reasoning, and problems.

Alumni Interaction

On 16th December 2022, Jewel Jochan, rank holder MG University 2021 batch of B.Sc. Mathematics interacted with students.



Paper Presentation : Mr. Amal Pavitrnan presented a paper on "Customer Migration" in the Third International Conference of Stochastic Modelling and Applied Research technology at INSTITUTE OF APPLIED MATHEMATICS AND RESEARCH (KARELIAN RESEARCH CENTER OF RUSSIAN ACADEMY OF SCIENCE), PETROZODYASK, REPUBLIC OF KARELIA, RUSSIA.





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

1. The Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs).

The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in formative years.

MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs) across selected HEIs. A network of IICs are established to promote innovation and entrepreneurship in the Institution through multitudinous modes leading to an innovation promotion ecosystem in the campuses.

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.

TCC- IIC was established in March 2021, in the first year (2021-22) of its establishment TCC-IIC was awarded 3.5 stars rating by IIC, which is the second highest rating given to institutes in the country.

Calendar Activities

IIC 4.0 Quarter 3

1. Workshop on Prototype/Process Design and Development - Prototyping- An Online Workshop on Prototype/Process Design and Development -Prototyping was organised on 13 May 2022. The resource person was Mr Rajiv Mathew, Head of Corporate Innovation & Market Connect program for Japan & Asia Pacific at Oracle for Startups

2. Session on Business Model Canvas (BMC)- The program was organised by IIC mentor institute, St. Xavier's College for Women, Aluva.

There were two sessions: session 1 by Mr. Arun J S, Innovation Evangelist, IEDC, Mar Baselius and session 2 by Mr. Sarju S, Nodal Officer, SJECT- IEDC.

3. Exposure Visit to Incubation Unit- Students were taken to Kerala Startup Mission, which had organised a 'Research Innovation Demo Day' on 28 May, 2022 at Technology Innovation Zone, Kochi. The demo day was part of the Kerala Innovation Week (www.iwkerala.org), India's largest Design, Technology and Maker Fest happening from 22-28 May, 2022 at Kochi.

IIC 4.0 Quarter 4

4. Session on Innovation/Prototype Validation – Converting Innovation into a Start-up- The program was organised by our mentor institute St. Xavier's college for Women, Aluva on 18 June 2022. There were two sessions: session 1 by Dr. Gireeshan M.G Research Head/Defence Technologist, Edgeforce Solutions Pvt Ltd., Defence Technology Research Company, Hyderabad and session 2 by Ms. Priya Menon, Founder Director Sankalp Creative Ventures Pvt Ltd.

5. Session on Angel Investment for Early Stage Entrepreneurs- The session mainly focused on: Giving broad ideas about Angel Investment/ VC Funding opportunity for Early-stage entrepreneurs, Giving ideas about process/useful steps for getting Angel Investment/VC Funding opportunity. The session was organised on 29 August 2022, Dr. Smitha N.R., Department of Zoology, The Cochin College was the resource person. The session mainly focused on angel investment, its benefits and pitfalls in availing such investments. She also mentioned other investment options for star-ups. The session was very informative and students interacted very well with the resource person.

6.Session on Incubation Opportunities– Early Stage Entrepreneurs- The session was handled by Dr Vineeth

Kumar T V, IIC President, The Cochin College.

IIC 5.0 Quarter 1

7.Workshop on “Entrepreneurship and Innovation as Career Opportunity”- The program was organised on 20 Jan 2023 as a half day program. The resource person was Dr. Nayana Jose, Innovation Ambassador, TCC-IIC.

8.Exposure and field visit for problem identification- Organised a field visit to the nearby Market on 5 Dec. 2022, to facilitate Interaction with key stakeholders to Identify real life problems that need solutions. The program was organised in association with the Department of Zoology, The Cochin College.

9.Session on Problem Solving and Ideation Workshop - The session was handled by Dr. Suprabha G. Nair, Innovation Ambassador, TCC-IIC on 19 Jan. 2023.

IIC 5.0 Quarter 2

10.Exposure Visit to Pre-incubation units- The exposure visit was organised in association with the Department of Zoology, on 21 Nov 2022 by visiting the Bee keeping and training institute, Mavellikara, Kerala.

11.Session on Achieving Problem-Solution Fit & Product-Market Fit- A session on Building an Innovation/ product fit for market and on Integrating the Market Research at the early stage of Start-up Planning was organised on 10 Nov. 2022. The Resource person was Ms Parvathy S, Social Entrepreneur.

12. Seminar on Entrepreneurship Skill, Attitude and Behaviour Development - Organised a Seminar on Entrepreneurship Skill, Attitude and Behaviour Development on 7th Feb.2023. The resource person was Dr. Manju V. Subramanian, Assistant Professor, Department of Zoology, The Cochin College.

MIC Driven Activities

IIC 4.0 Quarter 4

13.Session on “Out of the box thinking for problem solving”- The





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program was screened in the Zoology lab.

14. Building Institute Level YUKTI - National Innovation Repository (NIR) - YUKTI – National Innovation Repository (NIR) is an initiative of Ministry of Education (MoE) Government of India and it is implemented by MoE's Innovation Cell and AICTE.

IIC 5.0 Quarter 1

15. Launch of 5G services - TCC-IIC members, participated online in the Launch of 5G services by Hon'ble Prime Minister of India Shri Narendra Modi, on 1st Oct. 2022.

IIC 5.0 Quarter 2

16. Leadership Talk with Prof. T. G. Sitharam, Hon'ble Chairman, All India Council for Technical Education (AICTE)- IIC members, students and faculty attended the leadership talk online on 30 Jan. 2023.

17. Orientation Session on IIC 5.0 & its features - All the IIC members, students and faculty attended the orientation on 11 Jan. 2023.

Day Celebrations

IIC 4.0 Quarter 3

18. World Earth Day- An online awareness program was organised as part of Earth Day 2022 by IIC members.

19. World Intellectual Property Day- An online awareness program was organised as a part of World Intellectual Property Day by IIC members on 26 April 2022.

IIC 4.0 Quarter 4

20. World Entrepreneurs Day: IIC-TCC organised an online awareness program on 21 August 2022 to commemorate the efforts of entrepreneurs. A poster was prepared and was shared as social media status by faculty and students.

IIC 5.0 Quarter 1

21. National Education Day - An awareness program through social media platforms like WhatsApp status, Facebook page etc was organised for National Education Day, 11 Nov. 2022.

IIC 5.0 Quarter 2

22. National Energy Conservation Day(India) - An awareness program through social media platforms like whatsapp status, facebook page etc.

was organised for National Energy Conservation Day, 14 Dec 2022.

Self Driven Activities

IIC 4.0 Quarter 3

23. Experience sharing by Young Innovator - Experience sharing by Young Innovator Adon Joy was organised on 7 May 2022 as a self-driven activity of Q3. He is an Engineering Student at Rajagiri College of Engineering and Technology, Kochi.

24. Brainstorming 2022 – Problem Solving Event- Problem solving event was organised based on one of the problems identified by students in Q1 on 27 May 2022. The problem selected was 'Water Logging in Cochin', students were given a google form to record innovative solutions for the problem they face whenever there is a heavy rain in our area.

25. IPR Awareness Program- IPR Awareness sessions were conducted as part of the National Intellectual Property Awareness Mission (NIPAM) by the Patent Office, Chennai, in collaboration with KSCSTE-IPRICK and IQAC, The Cochin College on 10 June 2022. The resource person was Devika R. Nair, NIPAM officer & Examiner of Patents and Designs Patent Office, Chennai. The program was funded by KSCSTE, Trivandrum.

IIC 4.0 Quarter 4

26. Introduction and Orientation for IA training Program for Faculty- After IIC announced the Innovation Ambassador (IA) training program, an orientation was given for the faculty for the same on 15th July 2022.

27. Interaction with Young Innovators (Session 1) - The self-driven activity of Q4 was organised on 29 Aug 2022. Interaction with Young Innovators was the theme for Q4 self-driven activity.

28. Interaction with Young Innovators (Session 2) - The Second self-driven activity of Q4 was organised on 30 Aug 2022. The speaker was Vishnupriya N V, II B.Sc. Zoology, who designs fabric with mural paintings.

29. Interaction with Young Innovators (Session 3)- The third

self-driven activity of Q4 was organised on 30 Aug 2022. The speaker was Ragi Vinod, II B.Sc. Zoology, who sketches portraits and designs bottles.

IIC 5.0 Quarter 1

30. Orientation IIC 5.0 for students- An Orientation for the first-year students was organised on 1 Nov. 2022. Dr. Vineeth Kumar T.V, President, TCC-IIC explained the roles and functions of IIC.

31. Funding Scenario in early-stage deep tech Start-ups - Maker Village organised a free webinar session on the topic, "Funding Scenario in early stage deep tech Start-ups" on 28 Nov. 2022. The program was named as Dialogue with Mr Sunil Shekhawat, CEO, Sanchiconnect.

32. Skill Development for Young Entrepreneurs- Session on Skill Development for Young Entrepreneurs was organised on 11 Dec. 2022. Dr. Smitha N. R, Assistant Professor, The Cochin College was the resource person.

IIC 5.0 Quarter 2

33. Visit to Research Lab - Students and Faculty visited the leprosy mission Hospital on 20 Feb. 2023. The institute visit was organised in association with the Department of Zoology, The Cochin College.

34. Mega Cities, Peri-Urban Population Dynamics and Evolving Smart Cities - The Role of Start-Ups in the Utility Sectors - Maker Village organised a free webinar session on the topic "Mega Cities, Peri-Urban Population Dynamics and Evolving Smart Cities- The Role of Start-Ups in the Utility Sectors." on 19.12.2022 by Dr. Sanju John Thomas, (Expert Consultant - Energy, Water, Food Nexus) IIC President, KMEA Engineering College.

35. Hands on Training - Vermicomposting - Hands on training on vermicomposting was organised in association with the Department of Zoology on 10 Feb 2023. This session was organised as an extension of the Q1 market field visit.





THE COCHIN COLLEGE

KOCHI - 682 002

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email: email@thecochincollege.edu.in

Activities of NSS



World Environmental Day

Celebrated World Environment Day on 5th June 2022 in association with ESAF & Kerala Agricultural Department, Nature Club & Bhoomitra Sena Club of The Cochin College.

International Yoga Day

On 21st June NSS volunteers attended the mass International Yoga Day celebrations conducted by Nehru Yuva Kendra & Ayush in association with Govt. of India at Fort Kochi Parade Ground. An orientation session **Knowing Your Breath** was conducted in the college, by life coach Mr. Lakshman Kumar, followed by a training session by Mr. Manoj Krishnan.



Books on Wheels

An initiative taken by NSS in association with The Cochin College Library to distribute books among the senior citizens of ward 7 of Cochin Corporation was flagged off by Principal, Dr. M. Geetha on 24th June 2022.



Institutional Organic Farming in 50 cents of land in association with ESAF and Kerala Agricultural Department was officially inaugurated by our principal Dr M. Geetha on 16th January 2023.



Independence Day Celebrations

Independence Day was celebrated in association with the Cultural Club and Literary & Debate club of The Cochin College. Various activities like placard making competition, patriotic song recitation, Memory walk, Distribution of Flags, The Freedom wall & National Flag formation by NSS Volunteers were organized



Cup of Life was an initiative by Hibi Eden, MP in association with IMA Cochin, District Administration & Green Cochin Mission. One lakh Menstrual Cups were distributed in one day on 31st August within Ernakulam parliament constituency through more than 100 venues. NSS along with **Women's Guidance Cell** conducted the distribution and awareness classes of Cup of Life event on 31st August in the college. Dr. Nergis S, Consultant Gynaecologist, Women and Children Hospital, Mattancherry, officially inaugurated the event.



Sukrutham 2022: NSS Volunteers celebrated Onam at St. Agnes Convent, Kochi. A group of NSS volunteers and teachers visited an old age home and distributed Onam gifts on 2nd Sep 2022.



Kanivu 2022

On 24th September-NSS Day, volunteers divided themselves into different groups and distributed food packets to those in the streets near the college. Food packets were collected from students and staff of the college.



Gandhi Jayanthi Celebrations

Organized a cleaning program at Anganavadi 99 & 102 of Ward 8, Cochin Corporation, in association with the Local Self Government and Health Department. It was inaugurated by Shri. Raghurama Pai J, Councillor.



Team Kerala

NSS Unit of The Cochin College successfully completed the training camp and official passing out parade at Thiruvananthapuram from Feb 21-23, "Team Kerala" Voluntary force under State Youth Welfare Board, Govt. of Kerala .





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Activities of NSS



Coastal Clean Up - Swachh Sagar, Surakshith Sagar
NSS units and Swachh Bharath of The Cochin College, in association with MPEDA, NETFISH organised a Beach Clean-up drive on 29th August 2022 at Fort Kochi beach. Indian Coast Guard District Headquarters No. 4 (Kerala & Mahe), Local Government Body, Plan@earth-NGO, Heritage Society, Kerala Police and Coastal Police-Fort Kochi also associated with the coastal clean up drive.



Bodhi Orientation Class for teachers was conducted in association with Bodhi, Center for Neuroscience, CUSAT on 27th Oct. 2022. The speaker was Smt. Bibi Dominic, Psychologist.



Vayojanolsavam 2022: NSS volunteers participated in Vayojanolsavam 2022 jointly organised by the Local Government Body and Vayomithram on 1st November 2022. The project was implemented as a joint initiative to LSGD in the area.



Anti Drug Awareness Campaign at TD School on 14 October 2022.



Blood Donation Camp was organized on 10th Oct. 2022 in association with Red Ribbon Club, Ernakulam Govt. Hospital and HDFC Bank.



Agricultural census and training session: The data collection of agricultural censuses in divisions 7, 8, 9, 10 and 25 of Cochin Corporation was done along with the staff of Kochi Taluk Statistical Office on 28th, 30th and 31st January 2023.



Lahari Virudha Karma Sena for Anti Drug Campaign: On 27th Oct. 2022, NSS -PO of The Cochin College Dr. Manju V. Subramanian and other POs who were the part of Antidrug Awareness Skit were awarded certificates from Honourable Higher Education Minister Dr. R. Bindhu.



Red Ribbon Club: RRC was inaugurated by Dr Roy Abraham, Medical Officer, Blood Centre, Ernakulam Government Hospital on 10th Oct. 2022.



Disaster Management Team: NSS volunteers attended training sessions on 17th & 18th Sep. 2022 under Kerala State Youth Welfare Board at MBITS, Nellimattom.



Constitutional Day 2022: Constitutional Day, 'Samvidhan Divas' was observed on 25th Nov. 2022. Constitutional oath was taken by the students and teachers of the college.



Girl Child Day was observed on 11th Oct 2022 in association with College Union.











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Activities of NSS

National Youth Day Celebrations was conducted in association with Red Ribbon Club and KSACS. An invited talk was organised on "Power of words Transform Your Life" by Shri. Amerzlin Louis, Life Coach.

NSS Sanghamam & Anti Drug Awareness Skit release by Hon. minister Dr. Bindhu, on 20th Oct 2022 at MG university Assembly Hall. NSS PO of the Cochin College, Dr. Manju V. Subramanian played an important role in the skit.



Snehasparsham 2022: NSS volunteers visited orphanage Ashwasa Bhavan, Fort Kochi on 11th Jan 2023.



Beach for All Campaign: NSS volunteers participated in the **Beach for All** campaign on 17th January 2022 organised as part of 'Livable Cities India' project.

Nature Club

Green Protocol Committee of the nature club in association with Planetearth, distributed paper bundles equivalent to the quantity of waste paper collected from departments.



A nature camp to Shenduruny wildlife sanctuary was organised on December 15 and 16th, 2022 which included trekking and interactive sessions with forest officials.



World AIDS Day Celebrations 2022: NSS Unit in association with Red Ribbon Club and KSACS observed World Aids Day on 1st & 3rd Dec 2022 at Taluk Hospital, Fort Kochi followed by an invited AIDS awareness class by Ms. Nikhila, ICTC Counsellor, THQH.

Republic Day was observed by unfurling the flag by Vice Principal Dr. Sindhu K.

Lahari Virudha Sringala was organised on 1st November 2022.

Beach Clean Up Drive at Fort Kochi beach in association with NGO - Volunteer for India and Siena College of Professional studies on November 27th 2022.



NSS Special Camp Orientation 2022 by previous NSS Programme Officers was organised on 20th December 2022 in the Seminar Hall.



Ottoruma- NSS Mini Camp 2022 was conducted on 3rd December 2022 in the college.



Aarambham : Orientation for First Year NSS Volunteers was inaugurated by Dr E N Shivadhasan by distribution of NSS Diary and NSS Badge on 2nd December 2022.

NSS 7 Day Special Camp was conducted at St Mary's High School, Chellanam. As part of NSS special camp activities, NSS volunteers did organic farming for the school.



We Care Project:

NSS Unit of our college actively participated in We Care Project launched by Mahatma Gandhi University on 18th October 2022.

Bhoomithrasena Club

Environment day celebration:



Organic farming was inaugurated by ward member Mr. S a n a l M o n J . Councillor of Panayappilly.

Water Quality Analysis : To find the potability of different sources of drinking water in around Fort Kochi, water quality analysis was done.



World Water Day (March 22)

BMS Club members observed the day by keeping water in earthen bowls for birds and animals.



Field trip to Brahmapuram and Eloor-areas of environment deterioration on 25/03/2023



Distribution of Cloth Bags : As part of implementing green protocol in the campus, BMS Club distributed cloth bags to teaching and non teaching staff on 30 - 3- 2023.

Editorial Board

Neena Simon Priya M.
Navya Chandran Asmin N.

