

DEPARTMENT OF PHYSICS



Energy Conservation Seminar at BYK Arts and Science College

Department of Physics in association with Energy Management Centre (EMC), IQAC and Energy Environmental Conservation Club, organised a seminar and a signature campaign on the topic "Jeevitha Sheilyum Urja Sambarasanavum". The seminar was at Bhafky Yatheemakhana Arts and Science College for Women, Kalapakchery on 21 January 2023 while the signature campaign was at Karipol on 19 th December 2022. More than 200 people participated in both programmes. Department also organised a Skill Training Programme on the topic "Electronics" on 08 th February. There was an Energy Conservation Rally on the topic "Jeevitha Sheilyum Urja Sambarasanavum" at Karipol on 19 December 2022. The program was started by the flag off by Sri. Kurokoli Moideen, M.L.A Tirur. 106 people participated in the same. Third year UG students visited Kodaikanal Solar Observatory (KSO), IIA, Kodaikanal on 2 nd February 2023. The department also played a leadership role in organizing a Skywatching Programme in association with Kondotty Municipal Shastra Kendram as a part of 'Open House' on 1 st March-2023 in which around 30 people participated.



Energy conservation rally inaugurated by Kurukkoli Moideen, MLA



PG DEPARTMENT OF PSYCHOLOGY

The department organized a Suicide Prevention Day on 10th September 2022 in which total 74 students from Psychology and English departments were participated in seminar. World Mental Health Day was celebrated from 10th October to 14th October 2022. As a part of it, total 11 students from Micro biology, Physics, English & Psychology departments were participated in Poster making competition. Forty-two students of Psychology department celebrated "The International Disability Awareness Day" in association with GCT special school for mentally challenged on 10th December 2022. The department provided NET coaching class to 10 PG students on 8TH March 2023 on guidance of Sahla . The department teachers Mr. Mohammed Arshad, Ms. Anagha, Ms. Fahmida attended CEEP(capability exploration and enhancement programme) training at Kochi on 11th & 12th March 2023. Forty five students from Psychology Department went to an institutional visit on 16th -February- 2023 to All India institute of speech and hearing (AIISH) at Manasagangotri in Mysore. College had conducted an exhibition "Open House 23" from 28th February to 1st March 2023 at college campus. Department arranged two stalls for exhibiting the basic awareness of psychology on the theme "Myths and Facts of psychology .Twenty Five 2nd year UG students registered for SWAYAM course on Human resource management, counselling and Abnormal Psychology. Thirty-one 1st year UG students enrolled in certificate course, provided by REACH where , 25 for "Soft skill" and 6 for "MS Office" on the academic year 2023.



Pre marital Counselling programme sponsored by Dept of Minority Welfare

DEPARTMENT OF BOTANY

The department organized a regional seminar on the topic 'Windows' for the identification of angiosperm plants on 20 th September 2022. Dr. P S Udayan, Head of the Department of Botany, Sree Krishna College, Guruvayoor was the resource person. 33 students attended. Department conducted a seminar on 'Intellectual Property Rights ' on 3 rd March 2023. In which 15 students attended and conducted a workshop on Plant Propagation such as budding, layering and grafting on 8 th September 2022 under the leadership of final year Botany students. Department of Botany conducted a workshop on Career Guidance on 27 th January 2023. Dr. Thoiba Kottekattu, Scientific officer, Regional Forensic Science Laboratory was the resource person. 33 students from the department attended 30 students were enrolled in certificate course ' practical application of plant taxonomy ' provided by the department. 33 students were enrolled in SWAYAM COURSE..



Excellency award distributed by Abdul Hameed, Retd. Police superintendent

Awards and Recognitions

- Nature Science Foundation, Coimbatore for Best Green Campus
- Nehru Yuva Kendra, Ministry of Youth Affairs and Sports for awareness on COVID prevention
- Childline India, Ministry of Women & Child Development Malappuram for Flood Relief
- National Centre for Financial Education for Financial Awareness and consumer training
- Smart Energy Programme, Dept of Education and Dept of Power, Kerala for Energy awareness
- Dept of Social Justice for Nasha Mukth Bharath Abhyaan activity

- Field Outreach Bureau, I&B ,Govt of India, Wynad Office for outreach awareness
- Central Bureau of Communication I&B ,Govt of India, Palghat Office for Azadi Ka Amrith Mahotsav
- ANERT ,Dept of Power, Govt of Kerala for Empanelment of campaign partner for solar panel
- Valanchery Municipality for COVID prevention activities
- Kuttippuram Block Panchayath for providing COVID shelter
- Govt Hospital, Perintalmanna for blood donation
- Kerala State AIDS Control Society for blood donation
- MGNCRE, MoE, Govt of India for Rural Engagement, Best Idea implementation, Hygiene, Waste Management, Environment Sustainability, SES REC Action plan, Swachhta Action plan ,Business implementation and Entrepreneurship

MARKAZ PULSE

ANNUAL BULLETIN 2022-23

| MARKAZ ARTS AND SCIENCE COLLEGE ATHAVANAD |

IQAC INITIATIVES

- Conducts Academic and administrative audit with the collaboration of MES Keveeyem College, Valanchery
- Conducts Green and Energy audit with Nature Science Foundation, Coimbatore
- Conducts Faculty Development Programme for teaching and administrative staff members and orientation for Fresh staff members
- Conducts induction programme for newly admitted students
- Conducts and analyse feedback from different stakeholders after each semester
- Prepare and evaluate annual action plan and Institutional Development Plan
- Improves IT facility and Learning Management System
- Collaborates with industries , departments and agencies for add on courses, internships, soft skill training and International /National Seminars and workshop
- Conducts Result analysis
- Participates in ARIIA NIRF, AISHE etc
- Introduces new UG and PG programmes.
- Provided best student faculty awards and more welfare schemes to staff.
- Strengthens Research & Consultancy Services and Career Guidance
- Actively participates in IIC, YIP, NDLI , SWAYAM
- Documents important information and activities in college website



Energy and Green Audit team from Nature Science Foundation, Coimbatore

College Union

The College Union formally Inaugurated by Shri. Basheer Randathani, District Panchayath Member-. In association with JCI Valanchery, union conducted an Essay Writing Competition on the Topic 'INDIA IN 2030' . Union conducted annual sports and games meet which was inaugurated by by Mr. Azad Ali K T, Vice President, Block Panchayath. The college day was inaugurated by Mr. Abdul Hameed, Retd District Police Suptt.



ISO Certification

WOMEN DEVELOPMENT CELL

On World Food Safety Day-2022, Department of Biochemistry in association with Women Development Cell organized a seminar on 'Food Safety' . 30 students from various departments attended the class. The cell organized awareness class on 'Kitchen Chemistry' on 6th October 2022, . 101 students from various departments attended the class. Women Development Cell, in association with IQAC organized an online orientation program on 'REACH Finishing School and Certificate Courses' for first year PG students on 11th October 2022.. 50 students from various departments attended the session Abacus Teachers Training was conducted for girl students and locals by B-smart Abacus in association with Women Development Cell on 11th November 2022 . 2 staffs, 28 students and 2 locals participated In Women Development Cell in association with with Kudumbasree Mission Valanchery organized a Poster Making Competition on 13th December 2022 in which 9 students participated and a Gender sensitization seminar on 16th December 2022 in connection with 'Orange The World Campaign -2023'. In association with ICDS Kuttippuram Additional, Women Development Cell started Mobile Library at Thekkekulamb Anganvadi on 02/02/2023. Through this project, locals in the nearest Ward of Markaz Arts and Science College can use the books from the college library. Books are issued through Anganavadis and locals can avail book from there . On behalf of International Women's Day 2023, Women Development Cell conducted a Gender Awareness class on 7th March 2023 42 students from first year PG classes attended the class



Jb .Hamsa Kutty Baqavi Adirassery, General Secretary addressing the staff members in the NAAC orientation programme

NATIONAL SERVICE SCHEME [Unit No :194]

In connection with world environment day, planting trees and a seminar on 'only one earth' were organized. Free eye check up camp was conducted at Athavanad Para in collaboration with District Mobile Ophthalmic unit, Tirur and cataract cases detected were sent to district hospital for operation.. Azadi Ka Amrithu Maholsav awareness campaign was conducted at Valanchery Municipal Auditorium , bus stand auditorium and in the campus, in association with Central Bureau of Communication, Information and Broadcasting ,Government of India, Palghat office . Seminars, Pookala competition, photo exhibition , cultural programme by Song & Drama Division and students and poster making competition were organised. NSS unit of our College initiated beach cleaning at Ponnani. NSS unit of our College conducted legal awareness programme in association with Tirur Taluk Legal Service committee, organised a anti drug awareness rally in association with Evershine Library and Volunteers participated in orja Kiran awareness Rally .



Rally Against Drug Abuse

PG DEPARTMENT OF ENGLISH

Department organized a seminar on “Recent Trends in Films” on 24 March 2023. Mr. Aneesh PV, Director and Actor was the resource person of the seminar. 120 students attended the seminar. The department offered NET coaching for PG students. 37 students from MA attended the coaching class. The department organized Book Lovers Day on August 9, 2023 in which different competitions like Book Review, Storytelling, etc. were conducted. Department offered Certificate Course for all students in this academic year. First year UG (39 Students) and Second year PG (19 students) have got the chance to enroll in the certificate course organized by IQAC in association with REACH. The courses provided by REACH in this year are Data Processing, Interactive English, and Soft Skill Training. 69 students from first year PG, Second and Third year UG were enrolled in the certificate course “Translation in Practice” provided by the department. Twenty five second year UG students registered for SWAYAM course on Nature of Linguistics. Industrial Visit: Th First UG students visited Thripunithara Palace on 4 February, while the 2nd UG visited Madyamam Press on 17 November as part of their curriculum enrichment programme. As part of the Open House 2023, Academic – Public Interface, department arranged three stalls to showcase different aspects of English language and Literature.



Exhibition stall by Energy Management centre in the Open House programme

DEPARTMENT OF MICROBIOLOGY:

Regional seminar on Life skill program Conducted on November/ 17 /22 ,topic: safe food for better tomorrow. Resource Persons: Dr Yamuna Kuryan food safety officer, Tanur. Total 99 students attended the seminar. International seminar conducted On 10/02/2023 on Current Avenues in Microbiology at College seminar hall. The program scheduled as two session. The key notes speaker of first session was Dr.Mega PU, HOD and Assistant professor PG department of Biology, Sree Narayana Guru college -Chelannur, Topic: Research at Nanoscale. Second Session handled by Mrs. Shabnam veerasa food safety trainer and consultant Dubai -UAE .Topic An introduction to Food safety . More than 100 students attended the programme.

On 28/02/23 Department of microbiology under career guidance cell conducted career enhancement programme on medical coding for final year Microbiology students.

On 8th and 9th March -2023 Department of Microbiology conducted 2day training program for 1st year students on the topic microbiology laboratory practices in hospital I field. Resource Person: Mr Mohamed Mustafa (research guide) and Mrs shahla(Microbiologist) Geno bio clinical diagnostic and molecular research centre Kottakkal . Total 37 students were actively participated International microorganism day: On 20. 09. 2022 Department of microbiology celebrated IMD in .The programme conducted in microbiology lab World rabies day: on 28/09 /22 department of Microbiology celebrated World rabies .Selected students from final year microbiology given awareness talk in each class.

AIDS Awareness programme (Theam: Equalise): Awareness Programme on Prevention of HIV/AIDS was organized by Department of on 01/December, 2022 at Thekkekulamb Anganvadi , ward number 9-Athavanad panchayath. 112 students enrolled in certificate courses this year with food safety and personal hygiene conducted by department 38 students from second year Microbiology enrolled in SWAYM with course name Intellectual property rights Second year students visited college of dairy Science and technology, Kerala India- kolahalamedu. total 25 students visited along with 2 faculty member .First year microbiology and biochemistry students visited Milma Kozhikode diary peringolam- Kunnammangalam with two faculty member from each department. 36 students from Microbiology visited milma diary

ENTREPRENEURSHIP DEVELOPMENT CLUB

Training in LED Bulb repairing and assembling was held in associated with Nava Sakhara Mahila Samajam at Vellilakkad Jana Vidya Kendra on Tuesday 14.06.2022...30 locals and few students participated in this programme.

Padmasree K.V.Rabia inaugurates the LED bulb assembling training. Industrial visit to Aizer pipes, Aluva was conducted on 17/08/2022 Wednesday. 45 Ed club members from different department participated

The Club organized an orientation class on “Entrepreneurship and Innovation as Career Opportunity” on 20th September, 2022. A total of 42 students participated. The Guest was Mr. Mohamed Favas PA, Industrial Extension Officer, Kuttippuram block



“Sweetish Month” ,a programme of MGNCRE ,as a part of Mahatma Gandhi Entrepreneurship Month was organized from 20 October to 19th November around 500 people visited the food stall arranged by ED Club members in the Open House programme.

PG DEPARTMENT OF BIOCHEMISTRY

Department of Biochemistry organized a talk on “Need for Environmental Protection” on 6th June 2022. The Resource Person was Dr.Mohamed Azlam, Retd.Vice Principal, Govt. Arts & Science College, Calicut. A total of 35 students of final year B.Sc. Biochemistry attended the session. In association with WDC, Department organized a talk on “kitchen chemistry” on 7th June 2022. The session was handled by respected Principal of our college, Dr.C.P.Mohamed Kutty. A total of 38 PG students of different departments attended the session. Atalk on “Immunity Via Ayurveda” conducted on 1st December 2022.. The Resource Person was Dr.Kirathamoorthy P.P, Professor (Retd.) & Head, Department of Samhitha & Sidhantha, VPSV Ayurveda College, Kottakkal. A total of 76 people attended the session.

Department organized National seminar on “Water Quality Monitoring and Analysis” on 26th October 2022. The Resource Person was Dr.Hariprasad P, Technical Head, THE CHEMI, Coimbatore. 98 students attended the session. As a part of World AIDS Day Observance PG Department of Biochemistry organized inter department competitions in Poster Making (Theme - “Equalize”) on 30th November 2022 and a Power Point Presentation Competition (Theme - “Prevention is better than treatment”). All the second year M.Sc. students participated in one day webinar on “Food Microbiology- Future Scope & Opportunity” organized by learn to upgrade recognized by DBT & nSDC on 5th July 2022. 35 students of 3rd year B.Sc. Biochemistry and 10 students of first year M.Sc. Biochemistry attended a training program on “Detection of Food Adulteration & Additives” conducted by Amplicon Biolabs, Kakkanchery, on 7th & 8th November 2022 .28 students of second year B.Sc. Biochemistry participated in one day hands-on Workshop on “Molecular Biology Techniques” conducted by VETA Genomics, Thrissur, on 8th February 2023. 8 students of second year M.Sc. attended National Conference on “Interdisciplinary Academic Translational Research and Innovation 2023” organized by MES Asmabi College, Kodungallur, on 7th & 8th February 2023. 7 students of second year M.Sc. attended workshop on “Food Safety & Quality Control Techniques” organized by Albio Labs ,Kuttippuram, on 18th February 2023. 7 students of second year M.Sc. attended one day hands-on Workshop on “Microbial Genetics” conducted by VETA Genomics, Thrissur, on 27th February 2023.

First year UG (17 students) and second year UG (30) students enrolled in certificate course “MZBCC02-An Introduction to Analytical Methods for Water Quality Assessment” conducted by the department. First year & second year PG students (total 25 students) enrolled in certificate course “Detection of Food Adulteration” conducted by the department. All the 30 second year UG students enrolled in SWAYAM COURSE

Second year PG and final year UG students visited KFRI, Peechi on 21st June 2022. Second year PG and second year UG students visited IISR, KOZHICODE on 14th September 2022. First year UG students visited MILMA-KOZHICODE DAIRY on 3rd March 2023. Second year UG students visited KDHP Tea Museum, Munnar on 10th March 2023. Second year PG students visited PIMS (Padmasree Institute of Management & Science), Bangalore on 16th March 2023

Department organized two career guidance classes mainly aimed for final year UG and PG students. “Career Options In Biochemistry” career guidance session was conducted on 22nd March 2023 by Ramla Beevi CK, Chief Career Counsellor, CIGI, Calicut. A total of 46 students attended the session. “After Biochemistry – What Next?” a career enlightenment session was organized on 31st March 2023, by Fathimath Faseeha MA, alumni of Biochemistry Department. A total of 44 students attended the session.

Department of Biochemistry provided guidance to two students from National Higher Secondary School, Kolathur, to perform their Research type project experiment. Mrs. Jaseela KP, faculty of Biochemistry department guided the students for performing phytochemical analysis. The students used the PG biochemistry lab from 27th October to 31st October 2022.

PG DEPARTMENT OF CHEMISTRY

Inter National seminar on “Soil Science- An Environmental Approach” from 9th – 11th November 2022. The Resource Persons was Dr. Hamza S, Dr. Sunil Kumar Madathil and Mr. Subramanian V.C. A total of 50 students attended the session. National seminar on Biodiversity & its Conservation Organised by Biodiversity Club in association with Dept . of Chemistry sponsored by Kerala State Biodiversity Board, Govt of Kerala from 05.12.2022 & 06.12.2022. A total of 50 students participated in the programme. Extension Programme: Conducted Soil Analysis in Association with District Soil Testing Laboratory Malappuram on 15.12.2022. 60 samples analysed from the farmers of adopted village and recommendation given to them. First year UG (11 students) and second year UG (12) students enrolled in certificate course “Water Quality Analysis” conducted by the department.

All PG and final year UG students (total 69 students) enrolled in certificate course “Soil Science”. 12 second year UG students, 11 students from first year UG and 13 students from first year PG enrolled in SWAYAM COURSE. NIT CALICUT – 19 students from Second year PG visited NIT Calicut on 22/06/2022. RCEL KOZHICODE - 19 students from Second year PG visited Regional Chemical Examiner's Laboratory Kozhikode on 27/09/2022 Tea Museum Wayanad – 12 students from Second year UG on 29.11.2022. CIPET PALAKKAD – 19 students from first year PG on 06/01/2023. RV COLLEGE OF ENGINEERING BENGALURU – 19 students from second year PG and 21 students from final year UG on 10/01/2023. CWRDM CALICUT – 11 students from first year UG and 11 students from second year UG on 24/01/2023. ICAR CALICUT – 5 students from final year UG visited ICAR Calicut on 06.03.2023.

PG DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES



Inaugurates Job Fair Mr. asraf Ambalalhighal, Chairman, Valanchery Municipality

Department organized a class on Career Guidance on 26th July 2022. Mr. Muhammed Riyas, INAQUE Kottakkal led the class. 48 students from final year BCOM & BBA attended the class. As a part of IIC activity three Days Soft Skill Training Programme was organized from 9th to 11th November 2022. Resource persons of the training were Mr. Abdul Shareef P Basi, English trainer and Mrs. Ashitha Jasmin, Youth Empowerment Coach. 65 students from first year BCOM & BBA attended .A seminar on GST was conducted on 20th September 2022. Mr. Mansoor Ali K, Deputy Commissioner ,GST Office ,Malappuram was the key speaker. 80 Students attended. Skill Enhancement Programme was organized on 29th November 2022. Mr. CMA Shamsudheen was the resource person. 51 Students attended the programme. A Workshop on Financial Awareness and Consumer Training was conducted on 19th December 2022 for final year BCom& BBA students.

Mr. Ratna Malika, trainer of SEBI, handled the session. 62 students participated in the workshop. A training programme on Financial Accounts and Practices was on 5th January 2023. Mr. Manikandan , IPA, Tirur handled the training. 55 students attended .A career guidance programme on English Proficiency and IELTS was conducted on 10th March 2023. Mr. Sijo, Foreign Language Trainer, Veeksha Education, Ernakulam addressed the students. 55 attended A workshop on Research Methodology was organized on 23rd January 2023. Dr. U Ahammad Basheer, HoD, Retd, PSMO College, Tirurangadi, was the resource person. 28 Students attended A seminar on IPR was conducted on 31st August 2022 for second year BCom students. Dr. Habeeb Rahman, Retd. faculty, PSMO College, Tirurangadi, was the resource person. 40 Students attended the workshop.

Azadi ka Amrith Mahotsav organized in association with Central Bureau of Communication, Palakkad



Central Bureau of Communication, Palakkad



Jb.E.T. Muhammed Basheer inaugurates Azadi ka Amrith Mahotsav



Ismail Mutheedath of District Panchayath Inaugurates awareness campaign



Outreach programme class on Good Food Habits



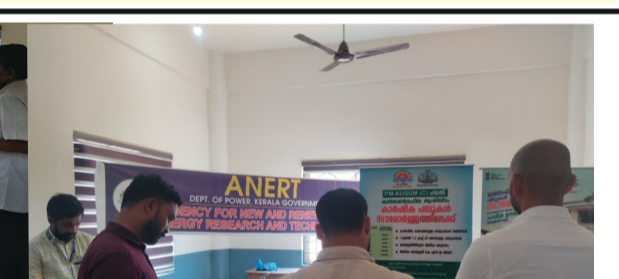
Pookalam Competition for locals held at Valanchery Bank Auditorium



Prize to winners of Pookalam Competition



Orientation to freshers by Mr.Sidalavi, ADM (Retd)



Exhibition stall by ANERT in the Open House



Mr. R.S Panicker, Former Member, PSC on "How to face interview"



Eye Camp Inaugurates by Jb.K.T Azad Ali, Vice President, Kuttippuram Block Panchayath



Soft ball state cricket team members



Academic and Administrative Audit by Dr.Rajesh, Principal, MES Keveeyrm College



Filament Free Campus-Mr.Kurukkoli Moideen, MLA declares



Beach cleaning at Ponnani