

COLLEGE REPORT 2022-2023

What is sown in faith, blooms to glorious heights. From the farsighted vision and undying perseverance of our foundress Sr. Aurea CMC, Carmel College, managed by CMC Udaya Educational society, has evolved carving an indelible mark as an institution of academic repute and excellence. For over 41 years, Carmel College has stood the ground fulfilling her motto 'light and love' by empowering young women through quality education, skill development initiatives, and judicious mentoring, to become self-reliant, competent and ethically driven individuals. The academic year 2022-23 has been momentous for Carmel College, owing to two significant achievements – Awarding of Autonomous Status and Re-accreditation by NAAC with 'A' grade in the fourth cycle. Having achieved this tremendous feat is an impetus to tirelessly work towards better heights of academic excellence.

At present, the college with 19 Departments, offers 19 UG programmes including 6 B.Voc programmes and 10 PG programmes which includes 2 M.Voc programmes and 1 Integrated programme. and also the Research Centre of Botany with a student strength of around 1400. Additionally, Diploma courses under Community College, C-DIT courses under Carmel Computer Academy, various Certificate courses including value education offered by the Christian Chair under Calicut University and extension courses by Carmel Extension Centre for Women are offered to learners of all age groups.

The undying devotion and teamwork of 106 faculty who excel in their respective disciplines and 46 administrative staff have significantly contributed to elevating the stature of our institution as one to be reckoned with. Amongst them 17 are M.Phil Degree holders, 22 are PhD holders and 11 are pursuing their doctoral degree.

Among the meritorious achievements of the year, the institution was awarded "Best institution doing agriculture in Mala Panchayat", Premium membership from the ICT Academy of Kerala, Selected for the first phase of 'Kerala Skills Express Campaign' under the Kerala Knowledge academy, Awarded under 'Mikav 2022' by Kodungaloor MLA and received 3.5 star rating for the Institution Innovation Council. The college has also signed 17 MoUs this year with various colleges across the country.

Now, let's enjoy a colourful visual journey of the major events at Carmel this year.

Carmel College (Autonomous) foregrounds quality enhancement in all spheres of its engagement with the stakeholders and in assuring the same, the IQAC plays a cardinal role. Periodic conduct of workshops and training programmes to fine-tune the professional acumen of the faculty has been organized by the IQAC, and this year's prime focal area has been the digitalization of academic and administrative activities through efficient employment of MIS. As part of this initiative the non-teaching staff also attended training and refresher courses this year. A functional MoU with Linways Technology Pvt. Ltd. and IPSr Solutions Ltd. also accelerated Carmel's journey to smart campus.

The research cell encourages the staff to explore research possibilities, undertake research projects and identify research opportunities and funding resources. To promote the research acumen of faculty and students, the Research Cell of our institution published two research Journals – Carmel Blaze and Carmel Bloom respectively. Curie Project for women colleges sponsored by DST, with a funding of around 53 lakhs, enabled us to march towards research excellence.

Constructive change and improvement in spheres of academic engagement are a mandate of our times. To fulfil the need and to ascertain credulity in the transaction of knowledge and competency, our institution incorporates learner-centric, technology-integrated pedagogy and inclusive learning strategies. The institution has a fully-automated library, state of art labs, well-equipped seminar/conference halls, and requisite physical amenities to support the curricular,



extra-curricular and non-curricular requirements of students. The college annually organizes a series of student-centric programmes that cater to honing their cognitive, experiential, innovative, creative and artistic flair. This year 21 certificate courses and 9 skill development courses offered by various departments as part of the student's skill enrichment initiative of the IQAC of the college have been set to gear.

Additionally, discipline-centric seminars, and webinars of regional, national and international levels on diverse areas including research ethics, gender concerns, sociology, climate change, environment/biodiversity conservation, science and technology, energy conservation, human rights and dignity, research integrity and publication ethics, literature and language, E-commerce, business and financial management, GST, Career scopes in particular disciplines, health and hygiene, and agripreneurship were held. Skill-upgradation workshops, field visits, industrial visits, media visits, study trips, expert coaching for competitive examinations and faculty-student exchange also form the crux of educative undertakings by each department to ensure industry knowledge and experience to students. Proactive engagement in MHRD sponsored programmes like UBA, Ek Bharat Sreshta Bharat, Institution Innovation Council, NISP and Young Innovators Programme by K-DISC, ASAP of Kerala Govt. have been undertaken by the institution to garner extensive exposure.

Empowering our students with the requisite industry skills of the time is of utmost importance and to attain the same, the institution, under the aegis of various departments, cells and clubs has organized career guidance programmes, entrepreneurship workshops, skill/capacity building programmes and exhibition cum product sales. The Career Guidance and Placement Cell has been organizing programmes on the campus to equip students with the necessary knowledge, skills and values to make informed decisions to manage their career pathways or to go for higher studies. The cell in collaboration with external resources like Avodha Edutech Pvt. Ltd, Bengaluru, Manappuram Foundation, HDFC, Employment Information and Guidance Bureau, Kerala Agricultural University, Government of Kerala, National Employment Service, Mahindra Pride Classroom and Naandi Foundation have organized career orientation training sessions and workshops for students. HDFC Life Smart Achievers Program and HDFC Life Campus Recruitment Drive are also organized under the aegis of the cell.

As the primary stakeholders of our institution, our students have been rightfully accorded with autonomy and agency to excel in their leadership skills and teamwork. Following the College union election on 8th November 2022, the inauguration of the duly elected student body was conducted on November 15th by Dr.B.Manoj kumar, Registrar, Kerala University of Fisheries and Ocean Studies. The Fine Arts Club was inaugurated by Cine artists Priya Varrier and Sarjano Khalid and the college magazine 'Ezperanza' on the theme of empowered women was officially released by Dr. Robin Radhakrishnan. Perceptively guided by expert faculty, the student union, Fine arts committee and Magazine committee have endeavoured in all earnestness to bring alive the vibe of campus life by hosting cultural-literary events, fests, the celebration of festivities, commemoration of important days, collaborations, release of the college magazine and other community-centric service activities. The college union in collaboration with NCC took initiative in commencing the Election literacy club and arranged provision for linking of Election card and adhar card for those in need. The Fine Arts Fest tested the literary and artistic flair and team spirit of the students while the committee also collaborated with Akashvani, Thrissur to present a radio show - Young Radio Scouting event "AIRNxt" in connection with Aazadi Ka Amrut Mahotsav based on the theme " Make in India- Skill India Opportunities to the next Generation". The Women's cell in collaboration with KANAL ,ICDS and Taluk legal services society conducted programmes for the students of the institution.



Sports and games are a pivotal forte of Carmel College. This academic year saw commendable feats by our sports students, uplifting the name of the college. True to its motto "Health is Wealth", this academic year saw new significant undertakings by the department of Physical education in addition to providing professional coaching in Archery, Ball Badminton, cycling Football, Karate, Taekwondo, Sepak takraw, Throw ball and Cricket. From introducing 7 Short term /Diploma courses in Physical Fitness and Basics of different foreign languages, the department hosted the Calicut university Ball Badminton(W) Team camp, conducted training sessions in Yoga, Zumba, Relaxation Therapy, Taekwondo, Karate and Self Defense, commemorated International Yoga Day through a one-week mass yoga awareness training programme and successfully conducted the annual Sports inter-Departmental tournaments in the campus.

Carmel College Ball Badminton team became overall Champions in Calicut University for the 6th time continuously and champions in Kerala State Ball Badminton Senior Tournament. Joshna John V was awarded "Star of India" in All India Senior Ball Badminton Tournament in the year 2022-23.

Apart from these our students have secured altogether 21 gold, Silver and Bronze medals in various tournaments of different sports events. Our students are selected to national and state level teams and represented famous sports clubs and leagues.

With the mission of enhancing the community, the institution in tie-up with GOs/NGOs, hospitals/schools and neighbourhood units undertook several extension /Outreach programmes. Student-led units such as NSS, NCC, AICUF, and department associations earnestly involved in Clean India Campaign in association with Swatchh Bharat Abhiyan, Anti Narcotics campaigns, Health awareness programmes like 'We Care Project' by Kerala Government, AIDS awareness programmes and the like. In connection with Punit Sagar Abhiyan, our students actively participated in the cleaning programme at Munakkal beach, conducted socio political surveys at adopted villages, Environment Conservation campaigns, and distributed food packets to the needy ones. To extend our hearts and hands towards the neediest through acts of compassion and companionship, each department undertook social linkage programme to the nearby old age homes, care centres and special schools.

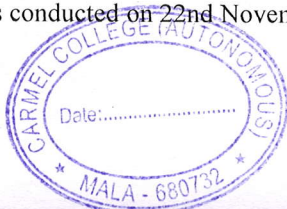
A new college bus was sanctioned from MP Fund by Benny Behanan, Honorable MP of Chalakudy in order to reduce the travelling difficulties of the college.

PTA is very strong and active body standing for the development of college and students. There are regular executive meetings, General Body Meeting and Class PTA meetings. LED wall installed at the college gate was completed at an expense of Rs. 7 lakhs, which was sponsored by the PTA.

Under the able leadership of Ms. Mymuna Koroth, the Chair person, Union members were able to organize cultural and Social programmes in and outside the campus.

The Alumnae association of the college plays a pivotal role as it brings together an energetic vibrant and enthusiastic group who are united in their commitment to raise the standard of the institution both creatively and constructively met for the annual meet on January 26th, 2022.

Adding to the golden feature of our institution Ms Gopika Mohan secured the first rank in the B. Sc Applied Physics Examination along with 6 other top ranks in the same department, in March 2022. Ms.Ciya V.S., of the department of Accounting and Taxation also secured first rank in Calicut University. The Convocation ceremony of the 2021-22 passout batch was conducted on 22nd November, 2022 by Pro. Vice-Chancellor, Dr.M.Nasser.



Carmel College (autonomous), has successfully completed the first set of examinations for the first batch of UG and PG students and also published the results as per the schedule. Special congratulations to the Principal, Controller of Examinations and the team and all the department faculty members and the office for this achievement.

Results of Final Year Examinations 2022-2023

Programme Code	Programme Name	Number of students who appeared in the final year examinations	Number of students who passed in the final year examinations
BSBO	B. Sc Botany	28	24
BSCH	B. Sc Chemistry	20	19
BSMA	B. Sc Mathematics	18	13
BSAP	B. Sc Applied Physics	15	12
BSZO	B. Sc Zoology	16	11
BBAD	Bachelor of Business Administration	12	6
BCCA	B.Com. Computer Application	30	23
BCFI	B.Com. Finance	49	45
BVSD	B. Voc Software Development	13	7
BVMM	B. Voc Multimedia	15	8
BVFT	B. Voc Fashion Technology	19	7
BVAT	B. Voc Accounting & Taxation	33	25
BVFS	B. Voc Banking Financial Services and Insurance	32	16
BVAG	B. Voc Agriculture	37	33
BAFE	B A Functional English	37	23
BAPO	B A Political Science	14	5
BASO	B A Sociology	45	25
MSBO	M. Sc Botany	15	15
MSCH	M. Sc Chemistry	16	14
MSMA	M. Sc Mathematics	16	1
MCOM	M.Com Finance	36	28
MAEN	M A English	15	12
MAHI	MA History	16	12
MASO	M A Sociology	20	16
MVMM	M. Voc Multimedia	7	1
MVSD	M. Voc Software Development	3	2

The following are the Rank Holders in the University Examination of the various disciplines- Gopika Mohan Ist Rank, Athira Manoj IInd Rank, Swathi N.S IIIrd Rank, Nandhana Prasannan VIth Rank, Saranya N.B VIIIth Rank, Athira Babu IXth Rank and Stemil Sebastian Xth Rank in Applied Physics and Ciya V.S Ist Rank in Accounting and Taxation and Surya Rajan VIIth Rank M.Sc Botany.



IQAC

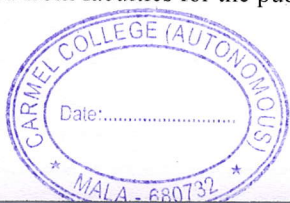
The activities of IQAC began at the start of the new academic year since the college was all set to welcome the NAAC Peer Team in the first week itself. Keeping that in mind an Orientation session for all the teaching and non-teaching staff was conducted by the IQAC with Dr. Ajims P.Mohammed, Principal, MES Marampally as resource person on 2/6/22 in the Audio-visual room. A live interactive webinar on 'Career opportunities after Graduation', was organized for the final year students with resource person from Unacademy on 6/7/22. An Impact lecture series on 'Entrepreneurship' was initiated by the IQAC along with IIC and the Department of Botany sponsored by the MIC-MHRD on 9/7/22. On 13/7/22, Malayala Manorama in association with the IQAC, Carmel College (Autonomous), gave away study material as part of scholarship to three students of the department of Political Science and two students from Sociology for the year 2022-23. Collaborative programmes such as workshops on e-certificate generation with the Department of Software Development were organized on 13/7/22 and 15/7/22 for teachers and students respectively through the online mode. As part of its quality enhancement initiatives, the IQAC in collaboration with the college library, an Orientation session on Administration and Examination process in Autonomous colleges was conducted on 27/7/22 with Dr. Joy.I.Retd.Principal, St.Thomas College (Autonomous).

An awareness session on Intellectual Property Rights was organized on 27/8/22 through online mode. Dr. Joyce Jose was the resource person. An Orientation session on Blooms' Taxonomy was organized on 12/9/22, which was followed by a workshop on Qn Smarti. Dr. Mendus Jacob, Dr. Sunil Job and Mr. Nibin Sunny were the guest speakers respectively. Under an MoU signed with St. Paul Institute of Advanced studies, Indore, a National webinar was organized on 13/9/22. In its bid to encourage research activities, along with the Research Cell, a seminar on Data analysis and Reporting was conducted on 26/9/22. A session on Career opportunities for graduate students in and outside India was handled by an internationally certified coach of Easylink academy. A training programme was also conducted to acquaint teachers with distribution and CO mapping on 18/10/22. A state seminar for the Non-Teaching staff was conducted on 24/2/23 in the Audio-visual room with Dr. Mohammed Saleem and Ms. Gilu as resource persons. The academic audit for the year 2022-23 was conducted by the IQAC on 21/3/23, 22/3/23 and 24/3/23 for the science, arts/commerce and B.Voc streams respectively. Besides this, in an attempt to expand collaborative activities, under the leadership of the IQAC, more than 17 MoUs were signed this year and various activities were carried out by the departments.

RESEARCH CELL

Research cell organised a seminar for students on the topic "Project Orientation; Stage -I -Problem formation, Review of Literature and Questionnaire design and Stage 2: Data Analysis and Reporting" on 26th September 2022 from 9.30 a.m to 3.30 p.m. The resource Person was Dr. Vineeth K.M, Assistant Professor and Research Supervisor, PG Dept. of Commerce Govt. College Thripunithara. In the forenoon session the resource person explained why literature reviews are important as research tools, especially in emerging areas, with populations that typically yield small samples, or in areas that represent value-laden positions adopted by advocacy groups. He said that literature reviews are valuable in light of the knowledge explosion and the consequent impossibility of reading everything. The afternoon session was hands-on training on Data Analysis and Reporting using the software SPSS. The overall session was very interesting and informative for students doing their project.

Multidisciplinary journal- Carmel Blaze -July 2022 issue and Carmel Bloom-November 2022 issue were published. Articles are invited from faculties for the publication in the upcoming issue of Carmel Blaze -July 2023.



Financial assistance by the Management of Carmel College (Autonomous), Mala for publication in Scopus or Web of Science indexed journals and paper presentation in national or international conferences for the year 2022-23 were given to faculties on submission of the relevant documents.

A seminar on “Advanced Academic Web Search Strategies” was conducted for the faculties on 15th March 2023. The resource person was Mr.Jasimudeen, Librarian, St.Stephens College, Uzhavoor, Kottayam. The purpose of the seminar was to examine the use of various search engines and meta search engines by Indian academics for retrieving information on the web. It also aims to know whether the faculties use search strategy of various search engines for retrieval of information or not, and how the faculties learn the various search strategies for using search engines. The seminar equipped our teachers on, how to competently source, online information, for retrieving the relevant information.

LIBRARY

Carmel College Mala conducted reading day celebration on 20-06-2022, which was a joint effort of Malayalam department and library club. This program was inaugurated by the chief Guest Dr.Kala Sajeevan, a famous writer, Asst.Professor, Malayalam department, Sri Vivekananda College kunnamkulam.The special focus of this day was marked by handing over books to the press club, and mala.The program was blessed by prayerful moments. Dr.Merin Francis HOD of Malayalam Department welcomed all wholeheartedly. Dr.Sr.Licy A.D, the principal of Carmel College delivered the presidential address. Anjay Ilayath, Library Secretary, Manorama writer, felicitated the program .The prize distribution was performed just after handing over the books to the officers of the press club. Dr.Jesmi P J, College librarian delivered vote of thanks. All are pleasantly dispersed soon after the National Anthem.

Carmel college library has an active Library Club which carried out the whole activities of the library. There were various activities conducted during the week-long celebrations.The creative sparks of our students were brought out with through various competitions that were held in connection with the reading week. The library club carried out different varieties of programmes.

Quality enhancement series (QE Series) is organized by library in association with internal quality Assurance cell (IQAC).Theme of the day Praxis of Journals: A journey of knowledge to UGC carelist/scopus/web of science was presented by Dr.Surendran Cherukodan,Asst.Librarian,Cochin University ofScience & Technology,Cochin.It was held on 27/07/2022 for faculty members. The students of soccorso school mala visited our College library on 15/10/2022 as part of their extension programs. They showed their satisfaction and expressed their gratitude towards college librarian and the others for giving them the details about the working of library and for making them familiarize with thousands of books belonging to the library.

Department of History in Collaboration with Antinarcotic cell and library organized an Elocation completion in Malayalam language regarding the topic “Lahariyum Yuva thalamurayum” on 13/10/2022 at multipurpose hall at 2.30pm. This program successfully ended with an awareness highlighting the need for keeping distance away from drugs for the sake of good living. This program was enriched by student’s active participation.

UGC

UGC is the patron Institution that provides generous financial support for quality enhancement to both teaching and student community. Our college availed UGC-RUSA fund for various Education innovation programmes and infrastructure development.



Environment Day was celebrated in our campus by planting and distributing saplings. As part of International Yoga Day 2022, Yoga Cell of Carmel College, Mala conducted Inter-departmental Live Yoga Campaign, Yoga training session for staff and students etc. Our college celebrated Independence Day on 15th August 2021. Our Students actively participated in 'Har Ghar Tiranga' programme. It is a campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga home and to hoist it to mark the 75th year of India's independence. Our NCC volunteers dress up in traditional dress of different states. As part of Azadi Ka Amrit Mahotsav celebration we organized Webinars, Quiz competitions, patriotic song competition, speech competition, cartoon making competition etc. Cadets painted a freedom wall which portrayed the freedom struggle of India. NSS, NCC volunteers organized a Marathon as part of antinarcotic campaign. As part of Teachers Day, a formal function was organized on Thursday 1st September 2022. Students extended their sincere gratitude and love to teachers for their effort and guidance by giving flowers, Handmade cards etc. A pledge taking ceremony was conducted in our college as part of Rashtriya Ekta Diwas on 31st October 2022. In connection with International Mother language Day, Department of Malayalam organized a talk on the topic 'MANUSHYANANTHARA KAALAVUM BHASHAYUM' on 21st January 2022. Dr. Gisha Elizabeth Varghese, Asst. Professor, Dept. of Malayalam, St. Mary's college, Thrissur was the resource person for this programme.

Webinar on National Education Policy was conducted on November 11th 2022. Resource person was Dr. V.S. Sumi, Assistant Professor, Department of Education and training, Maulana Azad National Urdu University, Hyderabad.

PARENT TEACHERS ASSOCIATION

The PTA General Body Meeting 2022-23 was held on 7th October 2022 at 1.30 p.m. in the college auditorium. Ms. Meenu Jose welcomed the gathering. Dr. Sr. Catherine CMC presided the function. The PTA Executive Committee 2021-22 was honoured for their commendable work during last year. Ms. Keerthy Sophiya Ponnachan presented the annual report 2021-22. Ms. Beena Thomas proposed the vote of thanks. An awareness class was organised for parents in association with Antinarcotics cell on the topic 'Need of Anti-Narcotics Awareness among youth'. The session was dealt by excise officers Manikandan, Kavya K.S. and Salini C.S. The PTA Executive Committee Members for the academic year 2022-2023 was elected on 7th October 2022 in the general body meeting conducted at 2.30 p.m. in the college auditorium. The PTA honoured the retiring principal and non-teaching staffs by endowments and gifts were given to the retiring staffs on 1st February 2023 as part of the College Day Function.

ALUMNAE

Creating an engaged, supportive alumnae network is crucial to an institution's success. The alumnae association of the college plays a pivotal role as it brings together an energetic, vibrant and enthusiastic group who are united in their commitment in raising the standards of institution both in creative and constructive manner.

The Association's activities of this year started with an executive meeting (3/6/2022) in connection with NAAC Peer Team Visit. Alumnae members actively Participated in the alumnae interactive sessions with the PEER Team members

An executive meeting was held on 18th August 2022 to discuss the activities of the association. All members are actively participated in the discussion . another executive meeting was held on 18th October 2022. And the executive members evaluated the activities of the association. And they expressed satisfaction . This year our alumnae association organised various Alumnae Interaction Talks on different disciplines .



The association also organised, An Anti- Narcotic Awareness Class in association with Anti- Narcotic Cell of the College and the Department of Police , Mala.The association organized annual reunion and honouring ceremony on 26th January 2023. The programme was inaugurated by our alumnae Ms. Indhupriya, Associate Manager, Novo Nordisk Danish Multinational Pharmaceutical Company. Our Alumnae Ms. Mary PP Principal, GHSS Kochannur delivered Key note address in the function . The association n Honoured the retiring staff , rankholders and Prize winners. Our alumnae Abhirami A D Contributed books to the library.the association contributed Rupes 3700 worth tray and glasses to the college. The association also contributed 185,850 rupees worth chairs to the college. The association also organized a two -day national Seminar in honour of our retiring Principal Dr. Sr. Catherine CMC.

SCHOLARSHIPS, ENDOWMENTS AND CONCESSIONS

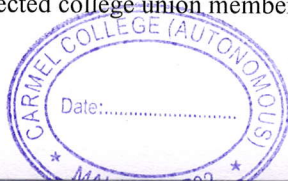
The scholarships are awarded to promote meritorious and economically backward students every year. The scholarships that the students avail are :

- Kerala State Higher education Scholarship.
- Suvarna Jubilee Scholarship
- State Merit Scholarship
- Central Sector Scholarship
- Vidhyakiranam Scholarship
- Pragathi Scholarship
- Samunnathi Scholarship
- Post Metric Scholarship
- Snehapoorvam Scholarship
- Lakshadweep Scholarship
- C.H.Muhammed Koya Scholarship
- Fisheries E-Grants
- EGrants
- Inspire Scholarship
- Other Scholarship

In addition to fee concession to the deserving students, staff, PTA and wellwishers of our college have instituted poor student scholarships, Gold medals and prizes as endowments.

COLLEGE UNION

College union election was officially conducted on 8th November 2022. On November 15th Inaugural ceremony of the college union was conducted, Dr.B.Manojkumar, Registrar, Kerala University of Fisheries and Ocean Studies inaugurated the function. The newly elected college union members are :



- Mymoonah Koroth (Chair Person)
- Lulu Marjan(Vice Chair Person)
- Niranjana (General Secretary)
- Femi Wilson(Joint Secretary)
- Aysha Amal& Greeshma. K.S (U U C)\
- Rasmy P.R(Fine Arts Secretary)
- Lakshmi N.S(General Captain)
- Devichandana P(Student Editor)
- Visniya Wilson (I D.C. Representative)
- Drisya M(II D.C. Representative)
- Arya Davis(III D.C. Representative)
- Mibia Martin (P.G. Representative)

There are 17 association secretaries from each dept. to assist the union members in their activities.

FINE ARTS

The Fine Arts Club was inaugurated by Cine artists Priya Varrier and Sarjano Khalid. Fine Arts Club in collaboration with Akashvani, Thrissur presented a radio show - Young Radio Scouting event “ AIRNxt” in connection with Aazadi Ka Amrut Mahotsav. It was based on the theme “Make in India- Skill India Opportunities to the next Generation”. The program aired on 25-9-2022 @ 5pm.Club organized Freshers day to showcase the talents of first year students of the college.

Fine Arts Club organized Pookala Mathsaram in connection with Onam celebration on 31/8/2022 in the multipurpose hall. It was conducted department wise and was a sponsored program.Club rganized cultural programmes for the NAAC visit.Club members participated in the Rashtra Deepika All Kerala Intercollegiate Cinematic Dance Fest - 2022 and won a cash prize.

ASAP

ASAP Cell, Carmel college mala organized various programmes in the academic year 2022-2023. The cell organized skill enhancement orientation programme for the first year UG and PG students on 10th November 2022. The programme manager of the ASAP Kerala was the key speaker of the programme. The cell conducted a debate competition for the first year students on the topic, Covid 19: Impact on Education system. E- Certificate was provided to the winners. In collaboration with department of Commerce, ASAP Cell organized a session on Logic Reasoning Skills for the second year commerce students. As part of Kerala Skills Express campaign of Kerala Knowledge Economy Mission, 'Connect Career to Campus ' was started in our institution on the month January. Our institution got selected in first phase of Kerala Skills Express Campaign with the criterion of maximum final year students registered in Digital Workforce Management System App (DWMS App), developed by Kerala Knowledge Economy Mission(



KKEM). The institution was entered in top 10 colleges Kerala Skills Express Leaderboard with 4th position and 5 of our students entered in top 10 students leaderboard. Three of our students were placed in Job fair at Thrissur which was organized by Kerala Knowledge Economy Mission.

NCC

An awareness drive on elimination of single use of plastic conducted on 15 July 2022. A debate and foot patrol from Carmel College to Mala town was conducted in connection with the same. Cadets distributed the paper bags made by them to the shops in Mala town. 35 cadets participated as full time volunteers in the Free Ophthalmology camp to the public organized by M.P Benny Behanan named as Jyothirgamaya on 30 July 2022. In connection with Kargil Vijay Diwas NCC conducted Silent act Play and Patriotic song in the auditorium on 29 July 2022. NCC celebrated Azadi ka Amrit Mahotsav on 15 August 2022 with the various programmes like Ramp walk on Cultural costumes of different states in India, patriotic songs, speech etc. Cadets painted a freedom wall which portrayed the freedom struggle of India in connection with Azadi ka Amrit mahotsav. An interactive session with Para commanding officer Bibin Krishna and police officers from Kerala police academy Thrissur were conducted at college auditorium on 16 August 2022. NCC collected and handed over the Rs.4075 to the We Care project by Kerala government. In association with electoral literacy club NCC and college union organized a programme for arranging an opportunity for public to link their adhar card with election id card on 14 October 2022 and 29 September 2022. In association with Anti narcotic cell NCC organizes a Marathon as part of anti narcotic campaign. As a tribute to Cancer patients, NCC in collaboration with Amala Institute of Medical Science, Thrissur organizes an awareness programme on hair donation on 11 November 2022. Fr. Jaison Mundanmani, Associate director of Amala Institute of Medical Science, Thrissur was the resource person. 16 students donated hair during the campaign. In connection with Punit Sagar Abhiyan NCC cadets conducted a cleaning programme at Munakkal beach, Azhikode on 25 November 2022. In connection with NCC day, NCC conducted poster making competition and campus cleaning was conducted on 28 November 2022. Cadets distributed food packets to needy persons nearby Chalakudy railway station. Cadets visited the old age home Karuna Bhavan at Mala on 3rd December 2022. Cadets volunteered in the Nava Kerala Karmapadhathi as part of Haritha Kerala mission organized by Mala Grama Panchayath on 4th March 2022. NSS

NSS unit 2,89 of Carmel college Mala took an awareness pledge on June 15 Anti-Elderly Exploitation Day at 11 am in the college portico. All NSS volunteers pledge to rededicate themselves to bring about collective actions to involve each and every one of the volunteers to pledge to fight against elder abuse. In association with the physics department conducted LED bulb-making on July 8 2022 at 2:30 pm. The method of manufacturing an LED bulb comprises manufacturing terminals and elements of the bulb. We celebrated 75th Independence Day on August 15 2022. Dr. Sr. Catherine CMC, Principal Carmel College, Mala hoisted the flag at 9.30 AM. Then various art programs were conducted by volunteers. In association with clean India campaign, Thrissur on 17 September 2022 the NSS volunteers participated in this program. This program started at 7.00 Am on Kara beach. This program's main aim is to clean the beach. 75 Volunteers participated in the event.

A 7-day Special camp was conducted for the volunteers of both the units. The camp was a truly enriching experience for all the volunteers with numerous informative sessions and lot of newly acquired skills in cloth bag-making, paper bag-making, mask-making, paper pen-making, cake-making etc. All the 100 volunteers actively participated for the virtual

Seven days camp of NSS unit 2,89 Carmel college Mala was conducted at St. Joseph aged home in Pulliyilakunnu, Ashtamichira. As a token of love for arranging a wonderful and safe place volunteers gave a gift and revisited the old



age home on 29/9/2022 at 1:00 pm. It was a cherish full moment for the volunteers. In association with Swachh Bharat Abhiyan, Government of India conducted a campaign called "Clean India" on 19th October 2022. In association with an Anti- Narcotics campaign NSS volunteers conducted flash mob in Mala private bus stand on 14/10/2022 at 2:00 pm. NSS Programme officers Ms. Mary Philip, Ms. Rachel Paul, and police officers from Mala police station supported all the volunteers. In association with the Anti-Narcotics campaign. We NSS volunteers conducted Marathon on 28/10/2022 at 9:30 am from Carmel college to Kavanadu and it was around 2km. A quiz competition was held under the leadership of NSS unit 2,89. October 2 quiz competition was held in Carmel College under the name of connection with Anti-Narcotic. The program was held in the audio-visual room of Carmel College

In association with Nehru Yuva Kendra, Thrissur conducted a seminar on "Inclusive Volunteer Enrollment Program Registration" on 2nd November 2022 at 02.30 pm. Inclusive volunteer enrollment aims at increasing the opportunities for those who are voluntarily interested in activities for society. The registration program is a process that helps to facilitate the volunteers among the students to understand the activities of Nehru Yuva Kendra, Thrissur. It also helped the volunteers to be a part of this great opportunity through the registration process. There were two sessions for the same: Session 1: Awareness of the activities of Nehru Yuva Kendra, Thrissur. session 2: Inclusive Volunteer Enrollment Registration. In connection with Red Ribbon club conducted a seminar on "Aids Awareness" on Dec 2 at Auditorium.on organized by Mala Grama Panchayath on 4th March 2022.

NSS REPORT

NSS unit 2,89 of Carmel college Mala took an awareness pledge on June 15 Anti-Elderly Exploitation Day at 11 am in the college portico. All NSS volunteers pledge to rededicate themselves to bring about collective actions to involve each and every one of the volunteers to pledge to fight against elder abuse. In association with the physics department conducted LED bulb-making on July 8 2022 at 2:30 pm. The method of manufacturing an LED bulb comprises manufacturing terminals and elements of the bulb. We celebrated 75th Independence Day on August 15 2022. Dr. Sr. Catherine CMC, Principal Carmel College, Mala hoisted the flag at 9.30 AM. Then various art programs were conducted by volunteers. In association with clean India campaign, Thrissur on 17 September 2022 the NSS volunteers participated in this program. This program started at 7.00 Am on Kara beach. This program's main aim is to clean the beach. 75 Volunteers participated in the event.

A 7-day Special camp was conducted for the volunteers of both the units. The camp was a truly enriching experience for all the volunteers with numerous informative sessions and lot of newly acquired skills in cloth bag-making, paper bag-making, mask-making, paper pen-making, cake-making etc. All the 100 volunteers actively participated for the virtual

Seven days camp of NSS unit 2,89 Carmel college Mala was conducted at St. Joseph aged home in Pulliyilakunnu, Ashtamichira. As a token of love for arranging a wonderful and safe place volunteers gave a gift and revisited the old age home on 29/9/2022 at 1:00 pm. It was a cherish full moment for the volunteers. In association with Swachh Bharat Abhiyan, Government of India conducted a campaign called "Clean India" on 19th October 2022. In association with an Anti- Narcotics campaign NSS volunteers conducted flash mob in Mala private bus stand on 14/10/2022 at 2:00 pm. NSS Programme officers Ms. Mary Philip, Ms. Rachel Paul, and police officers from Mala police station supported all the volunteers. In association with the Anti-Narcotics campaign. We NSS volunteers conducted Marathon on 28/10/2022 at 9:30 am from Carmel college to Kavanadu and it was around 2km. A quiz competition was held under the leadership of NSS unit 2,89. October 2 quiz competition was held in Carmel college under the name of connection with Anti-Narcotic. The program was held in the audio-visual room of Carmel college



In association with Nehru Yuva Kendra, Thrissur conducted a seminar on "Inclusive Volunteer Enrollment Program Registration" on 2nd November 2022 at 02.30 pm. Inclusive volunteer enrollment aims at increasing the opportunities for those who are voluntarily interested in activities for society. The registration program is a process that helps to facilitate the volunteers among the students to understand the activities of Nehru Yuva Kendra, Thrissur. It also helped the volunteers to be a part of this great opportunity through the registration process. There were two sessions for the same: Session 1: Awareness of the activities of Nehru Yuva Kendra, Thrissur. session 2: Inclusive Volunteer Enrollment Registration. In connection with Red Ribbon club conducted a seminar on "Aids Awareness" on Dec 2 at Auditorium.

AICUF

AICUF is an international organization formulated for the comprehensive development of the student community based on Christian values, according to the social requirements of the day. The AICUF unit of Carmel College conducts various programs to promote the ideals of social justice, religious tolerance, and communal harmony within the student community. The organization plans catholic action campaigns to advance and fortify Christian leadership and beliefs.

Regular AICUF events of our college consist of monthly conducting of Holy Mass and adoration, a yearly retreat for the personality development of students, various competitions on Christmas week, and more. The unit holds a chain rosary and rally in the month of October that includes all of the faculty, staff, and students. For the new students of our college, the annual retreat opens up fresh development opportunities. It is dedicated to upholding its legacy by inspiring students to work for societal change and advancement while also instilling in them the principles and traditions of the AICUF.

The year's events got underway with an official meeting with the Catholic students that was chaired by Sr. Seena CMC, Co-ordinator of the AICUF unit of Carmel College (Autonomous), Mala. Ms. Christeena Wilson K, Ms. Jisha Jose, Ms. Ashna Varghese, and Ms. Silby Thomas, the staff coordinators who were chosen for the year 2022–2023, were also present. An outline of the programs to be conducted was presented and the students were urged to participate wholeheartedly in each of the programs.

The other programs for the year included the Sacred Heart Novena conducted on June 24, Carmel Day adoration and Novena from July 4th to 14th of the same month, culminating with the celebration of the feast of Mother of Carmel. As part of the Carmel Feast celebrations, a short film named "The Queen of Carmel" was created with the active participation of the AICUF members of the college. The annual retreat for the year 2022 was held from 1st to the 3rd of October and the month ended with the celebration of the Rosary, which included a Rosary rally around the college.

The AICUF student members participated in the Chavara quiz competition which was conducted in the month of November and two students, namely, Aleena Jojo and Ansali Shaju, bagged the first and second prizes respectively. Yet another series of competitions were organized under the banner of Udhaya Province and two students of AICUF: Aleena Antony and Mibiya Martin won the first and second prizes for different events individually.

A series of Christmas-related prayers that took place from December 9 to December 22 marked the beginning of the month. The AICUF unit held a number of competitions as part of the Christmas festivities, including ones for constructing stars, cards, and carol performances. The Christmas celebration titled "Carmel Christmas Beats" got underway on December 22 with a Holy Mass and a message afterward. The department of Botany, Agriculture, and Zoology secured the first, second, and third places in the subsequent carol competition, "Hope for the World." Our institution also won first place in the Mega Carol competition held by the Forane Church, Mala. The college celebrated



the start of the New Year 2023 with a prayer service in front of the Chavara shrine and a message in the auditorium that followed.

On February 23, 2023, AICUF celebrated Thanks Giving Day to express gratitude to the Almighty God for his favours throughout the academic year. Embrace 2023, which took place on March 3rd 2023, marked the distribution of the Chavara-Euphrasia and Carmel Bright Scholarships.

Having ideal, educated thinkers and leaders who can address the current situations of the world head-on and promote lifestyles better suited for the current generation are two of the most critical demands of the modern world. AICUF of Carmel College strives to meet this critical need.

COMMUNITY COLLEGE

Community College division of Carmel College was envisaged as an auxiliary learning platform which provide low cost, high quality skill-based education and technical training, primarily meant for students from rural areas. It was started on 2015 and continues to be a leading centre for skill-based learning. Community College Division has entered its 8th successful year in the academic year 2022-23. Community College Division has always achieved in providing employable and certifiable skills based on the National Occupational Standards (NOSs) and integrating the relevant skills into the higher education system as well as to provide opportunity for vertical mobility so as to move to higher education in future.

The activities of the academic year 2022-23 were inaugurated by Mr. Muhammad P. H, Managing Director of TALLY TECH CONSULTANCY-Thrissur on 19th October 2022. The formal inauguration of the 8th batch of Diploma Students as well as the Certificate distribution ceremony of the passing out students (7th batch) were done on the occasion.

On the Academic side we conducted the following seminars and workshops for the students of the community college division. A one day workshop on the subject "Goods and Services Tax: An Overview" was conducted by the eminent Tax Practitioner Mr. Muhammad P. H. from Tally Tech, Thrissur. An Online Bank Coaching programme was conducted by a team of experts from the various banking and non-banking institutions inside and outside Kerala. A special Training on Information Technology and its impact on Banking Services were conducted with the help of internal faculties from the college.

A special Training on Tally Prime Application with a special focus on GST was conducted with the help of internal faculties from the college. As a part of their Curriculum, the students are to be acquainted with industry practices and standards. So we conducted field visits for the students to places like Kerala Feeds-Kallemkara, (feed manufacturer) and Tally Tech-Thrissur. The community college students celebrated Kerala's own festival Onam with much delight and enchant.

The November 1st Kerala state Formation day was celebrated with much fervour and enthusiasm and all the students were participated in the cultural programme called as "NIRAVU 2022". The Christmas and New Year was also celebrated by the community college students with a great passion and enthusiasm.

A two day industrial visit cum picnic was conducted for all the students to the beautiful and popular tourist destination Kodaikanal. A few factories and other relevant places pertaining to the curriculum were visited en-route. An alumni meet of all the students who attended the various diploma programmes since the inception of community



college division in 2015 was conducted. A farewell function in honour of the retiring principal Dr. Sr. Catherine CMC was conducted.

FAMILY COUNSELLING CENTRE

Apart from providing counselling to the needy students the counselling centre conducts orientation programmes and awareness classes. Orientation programme was conducted for first year UG students by Mrs. Gilu Mathew. Orientation class for first year PG students also conducted by Ms. Gilu Mathew & Ms. Adithya R Krishna. Informative talks/seminars were conducted for students in connection with different day celebrations.

DEPARTMENTAL ACTIVITIES 2022-2023

The departmental activities made the campus vigorous and vibrant throughout the year. Let's have a quick glance the relevant programmes of the various departments.

DEPARTMENT OF BUSINESS ADMINISTRATION

The inauguration of the association activities of Department of Business Administration was conducted on October 18, 2022. Dr.Pdmanabhan N.S, Assistant Professor, Department of Management Studies, Rajagiri School of Social sciences was the chief guest of the day. The inaugural ceremony was extended with a seminar on the topic 'Basics of Research: Anatomy of Arguments. Department organised career guidance seminar on the topic 'CA - Scope and Opportunities. C.A Rajmohan R. was the resource person for the seminar. On 01/08/22 department in collaboration with IIC and NISP organised an entrepreneurship seminar on the topic 'How to plan for start-up- Legal and Ethical steps.' The resource person for the seminar was Mr.Antony Chacko. Seminar on 'Laws for the protection of women' was organised on 17/08/22. Adv.Varsha Palliyil was the resource person for the seminar. In connection with Shikshak Parv (teachers' day) department organized a webinar on the topic 'Role of teachers as envisaged in NEP 2020' on 09/09/2022.Ms Raji P was the resource person for the webinar. On 21/11/22 department in collaboration with IQAC, IIC organised an insight programme on the topic 'Insight programme on My story- Motivational session by successful Innovator'. Dr Elavarasi P Jayakanth(founder of Aswathy hot chips) was the resource person for the programme. In the month of August Department signed an MOU with Sahrdaya College of advanced studies, Kodakara, Thrissur. As a part of faculty exchange programme one of the faculty member Dr.Remapada visited Sahrdaya College of advanced studies, Kodakara and took class for final year BBA students and in exchange Mr.Savio Francis Fernandez visited our college and covered certain portion for the final year students.

Ms.Gilu Mathew - faculty member of the department was the resource person for 20 programmes in and around the college. One of the faculty member Ms.Nayana P completed Innovation Ambassador Training Advanced Level by MoE's Innovation cell and AICTE. 9 students from the department went for one week internship at Eram Technologies Pvt.Ltd in the month of September.

On September 18th final year BBA students went for 3 days study tour to Mysore and Coorg. In connection with Onam celebration Department organised a 'Pookalam Drawing competition in the month of September. As a part of Christmas celebration students and faculty members visited St.Joseph's Oldage Home at mala on 23-12-2022 and celebrated Christmas with the inmates. On January 20th department organised an international seminar on the topic 'New challenges and opportunities in the post pandemic world'. Dr.Justin Paul was the resource person for the seminar. Students participated in several cultural and management competitions and won prizes in and around the college throughout the academic year.



On 15/2/2023 students from the department along with students of Department of Commerce went for an industrial visit to Tolins Tyre manufacturing company at Kalady. After the industrial visit students also visited 'Haritha Biopark' as a part of workshop on 'Entrepreneurship Skill Attitude and Behaviour Development' and interacted with the owner of the Biopark. On 21/2/23 Department of Business Administration, IIC and IEDC jointly organised a seminar on 'Women Entrepreneurship'. Ms. Ashida K S Alumnus of the department was the resource person for the same. On 21/2/23 afternoon the Department of Business Administration, PG Department of Commerce, IOC and IEDC jointly organised a Seminar on 'Achieving Problem solving Fit & Product Market Fit'. Ms. Anagha E Jayan, owner of Oparna Essentials was the resource person for the seminar.

HOD Dr. Rema P attended FDP on 'gender Disclosures in the contemporary world' organised by MG university Kottayam from 27th February to 4th March 2023. On 17/3/23 Department of Business Administration and PG department of commerce jointly organised a career guidance seminar on 'Career portraying for future'.

DEPARTMENT OF BOTANY

In association with the Biodiversity Club, the Department of Botany organised various activities. In connection with World Wetlands Day, the Department of Botany and Biodiversity Club conducted a taxonomy plant collection on January 19, 2023, at Mangrove Swamp, Neithakudy, and Karingachira. The Department of Botany and Biodiversity Club conducted an awareness talk on "Save Energy Today for a Better Tomorrow" on December 14, 2022. In association with the World Environmental Day celebration, the Department of Botany and Biodiversity Club organised "Germplasm Conservation" on June 3, 2022.

In association with the Eco-Friendly and Ethno Botany Club, the department organised various activities. The Department of Botany, in connection with the Eco-Friendly and Ethno Botany Club, conducted a craft competition on December 5, 2022. The competition had six participants, and Thrusha Krishna E.S. was the winner. The Department of Botany, in collaboration with the Eco-Friendly and Ethno-Botany Club, conducted a talk on "Millets: The Future Food" in connection with the International Year of Millets on March 17, 2023. Ms. Kavya Vishnu, Research Scholar, Department of Botany, Carmel College (Autonomous) Mala was the resource person for the talk. The Department of Botany, in collaboration with the Orchid Club and Ethno Botanical Club, conducted a national seminar on "Biodiversity" on December 15, 2022. Dr. Jis Sebastian (Research Associate, Jawaharlal Nehru Tropical, Botanical Garden and Research Institute, Trivandrum, Kerala) and Mr. Prajeesh Parameswar (Senior Scientist, MS Swaminathan Research Foundation, Kerala) collaborated as the resource persons for the national seminar. The Department of Botany, in conjunction with the decoration club, conducted a vegetable carving competition on November 28, 2022. Eight students participated in this competition, and Ms. Arya Gopi of the Department of Botany won it. In association with the Eco-Friendly and Ethno-Botany Club, the Department of Botany at Carmel College (Autonomous) Mala conducted a programme to ensure water availability to neighbourhood birds and reptiles in connection with "World Meteorological Day" on March 23, 2023.

In collaboration with the orchid club and the Ethno Botanical Club, we conducted a national seminar on "biodiversity" on December 15, 2022. Dr. Jis Sebastian (Research Associate, Jawaharlal Nehru Tropical, Botanical Garden and Research Institute, Trivandrum, Kerala) and Mr. Prajeesh Parameswar (Senior Scientist, MS Swaminathan Research Foundation, Kerala) collaborated as the resource persons for the national seminar. Dr. Jis Sebastian handled the session "Orchids of the Western Ghats" and Mr. Prajeesh Parameswar handled the session "Science for Sustainable Development".



The Decoration Club of the Department of Botany organised an online inter-departmental cartoon competition in connection with the Onam celebration on September 1, 2022. Six students participated in the competition, and Ms. Gopika N.P., Department of Mathematics, won it

DEPARTMENT OF CHEMISTRY

Chemistry Association activities were formally inaugurated by Dr. Ratheesh K Vijayaraghavan, Associate Professor, Department of Chemical Science, IISER, Kolkata on 25th October 2022. A National Seminar on 'Molecular Geometry Vs Properties' was also arranged on the same day. Dr. Ratheesh K Vijayaraghavan, Associate Professor, IISER, Kolkata was the resource person.

As part of World Ozone Day celebration, students of our department and ENCON Club members organized an Interdepartmental Quiz Competition on the focal theme on 16th September 2022 in the Audio-Visual Room. Sreelekha K.K and Nandana Subhash of II BSc Mathematics secured 1st prize. We also organized an Intercollegiate power point presentation on the focal theme "Ozone for Life" on 20th September 2022. A team of two members participated from different colleges. Vyshnavi K.A and Visniya Wilson of Carmel College (Autonomous), Mala secured cash prize of Rs.1000 and certificate for 1st prize. Joshua Skariah and Neeraj Ramachandran of Christ College (Autonomous), Irinjalakuda secured cash prize of Rs.500 and certificate for second prize. Blessy Sabu and Gouri M.S of St Joseph's College, Irinjalakuda bagged third prize.

As part of World Energy Day celebration, students of our department and ENCON Club members organized an Interdepartmental poster making competition on the focal theme "Conserve Energy to Preserve Future" on 14th December 2022. A team of two members participated from different departments. Anjana Anilkumar and Arya P.S of II B Com Finance secured 1st prize. As part of National Science Day a chemistry exhibition was arranged for school Students 24/2/23.

A seminar on "Green Graphenes for Super conductor Applications" was organised on 25th January 2023. Dr. Binitha N.N, Professor, Calicut University was the resource person. An orientation programme for various competitive examinations was given to our III BSc & II PG students on 6th January 2023. Muhammed Rashadu, Consulting Team Leader, Shyvinds Institute for Sciences was the resource person.

Alumnae reunion of our students was conducted on 21st January 2023. Our alumnae Ms. Indhupriya S, Associate Manager, Novo Nordisk, Danish Multinational Pharmaceutical Company was the chief guest of the Day.

Dr. Princy K.G and Dr Vidya Francis published a paper entitled "UV Degradation of Linear Low-Density Polyethylene-Polyvinyl Alcohol Blends Using TiO₂ Photocatalyst", in the International Journal for Modern Trends in Science and Technology (IJMTST) and another paper entitled "Conductivity Studies of Poly(P-Phenylene Diazomethane)/PVC Composites" in Journal of Emerging Technologies and Innovative Research (JETIR). Ms. Neethu C.S, Dr Vidya Francis, Dr. Roshini K.T and Dr Princy K.G jointly published a paper "Physicochemical Analysis of Milk Samples - A Comparative Study" in the journal International Journal of Scientific Development and Research. Dr Vidya Francis published a paper entitled "Ethylene-propylene-diene (5-ethylidene-2-norbornene) terpolymer/ aluminium hydroxide nanocomposites: Thermal, mechanical and flame retardant characteristics" in Materials Today: Proceedings 72, 3093-3099. Dr. Roshini K. Thumpakara guided High School science research type project participants Aalba Rose and Sandra Sudeer of Soccorso Girls High School, Kottakal Mala

Department in association with NISP and IIC organized a training session for students on Umbrella making on 8th July 2022. Another workshop on paper pen making was also organized in association with NISP and IIC on 28th November 2022. Special training programme was arranged for our III year BSc students on Soap and Detergent making



on 2nd June 2022. Our Skill Development Centre “Chemicules” provided training on soap making and sanitizer to students of various departments on 9th February 2023. An Exhibition cum sale of the Products of our Skill Development Centre “Chemicules” was arranged on 8/6/2022 and 22/12/22.

As part of their study programme VIth semester students visited Nitta Gelatin India Ltd, Koratty on 14-9-2022. They also had a pleasure trip to Wayanad on the same day.

Our students celebrated X’mas with the inmates of All Saints Social Centre for physically handicapped children and women, Pullur on 23rd December 2022. Faculty members visited the houses of the students and interacted with the family members as a part of Faculty @Home programme.

Our students actively participated in webinars and co-curricular and extracurricular competitions conducted by various institutions. They actively participated in various extension activities like NCC, NSS, AICUF, ASAP. Salmiya Ansar of III BSc Chemistry has secured second prize in speech competition in the Panchayat level Keralotsavam. Keerthana Unnikrishnan and Aradhya S of II BSc Chemistry achieved third and first prizes respectively for Quiz competition based on Quit India Day conducted by NCC volunteers. Carmel Lorraine of I BSc Chemistry achieved first prize in Quiz competition in connection with Gandhi Jayanthi conducted by Department of History. Sreetha K.A of III BSc Chemistry secured cash prize of 10,000/- for district level poem writing competition in connection with Azadi Ka Amrit Mahotsav.

DEPARTMENT OF COMMERCE

In connection with Reading day 20th June 2022, the Department of Commerce organized an Inter- Department book review competition. The competition was conducted to promote the reading habit among the students. Out of 8 participants 2 are winners. First prize winner was Nimitha C G from II B.Com. Finance and second prize was secured by Aswani E V of II B.Com. Finance. PG Department of Commerce organised a regional Workshop on “GATEWAY TO FINANCIAL FREEDOM” for students. The Workshop “GATEWAY TO FINANCIAL FREEDOM” was held on 23 July 2022, 10:30 am in Google Meet. Mr. Noufal Latheef, Director, Hedge Group of Applied Economics was the Resource Person. The Workshop witnessed an active participation from the students.

In connection with International Youth Day, the Department of Commerce, in connection with International Youth Day, organized a Debate competition on the topic “Banning of Mobile Phone in Colleges” on 12th August 2022. The debate began at 2.30 P.M in the presence of all the members of the Commerce Department. Ms. Anjali Balan was the moderator of debate competition, Ms. Jisha, Ms. Asha, and Ms. Naveena made the judgement. 30 participants joined the debate, among them 12 students took part in the competition. Ms. Rashmi P.R (II M.com finance) selected as best Debater and group which opposed the statement chosen as best team. Ms. Jasmi Babu was the staff coordinator of this debate.

In collaboration with the Department of Commerce, Department of Accounting and Taxation organized an Awareness Program ‘Overview of Securities Market and Career Growth’ on 10th August 2022 at 7.00pm to 8.00pm in Zoom Meet. Mr. Manoj T Neelakantan, Ex-AGM IDBI Bank, BFSI Trainer, RP - IICA, SMART SEBI, National Trainer – Skill India Mission was the resource person.

The department in line with the ‘Aazadi Ka Amrit Mahotsav’ celebrations, organized an online photography competition for all the students to commemorate the 75th Independence Day of India. The theme for the competition



was 'tricolour'. The winner of the competition was Reni K A from 2nd year B.Sc. Chemistry, the first runner up was Sibi Thomas from 2nd year M.Com. and the 2nd runner up was Athira V S from 2nd year M.Com.

The department organised a Seminar "Session of Business Model Canvas" on 16th August 2022 in the Audio Visual Room. The session was led by Mr. Rahul Shah, Project Coordinator, Kerala Startup Mission. The main objective of the seminar was to know more about startups. The session was organized for providing insight and guidelines regarding startups and startup missions.

In connection with Entrepreneurship Week, the Department of Commerce and IIC organized a Debate competition on the topic "Can Artificial Intelligence Replace Human Intelligence" on 17th August 2022. The debate began at 2.30 P.M in the presence of all the members of the Commerce Department. Ms. Naveena was the moderator of debate competition, Ms. Anjali Balan, Ms. Asha, and Ms. Jasmi made the judgement. 34 participants joined the debate, among them 14 students took part in the competition. Ms. Angel Biju (II B.com finance) selected as best Debater and group which opposed the statement chosen as best team.

Department of Commerce organised a Quiz competition in connection with Entrepreneurship week, on 19th August 2022. 33 participants joined the competition. Aghi and Sandra from II M.Com. got first prize in competition. Resika and Aleena from II B.Com. Finance got second prize in the competition. Ms. Jasmi Babu, was the staff coordinator of this competition.

In connection with Entrepreneurship Week, the Department of Commerce and IIC organized a Business idea generation context on 22nd August 2022. The context began at 2.30 P.M in the presence of all the members of the Commerce Department. Ms. Jisha Jose was the co-coordinator of the competition, Ms. Anjali Balan, and Ms. Jasmi made the judgement. 4 groups joined the context. Ms. Praveena A P and team (II M.com finance) are selected as best idea generator for the idea of sanitary napkin production from natural resources. Ms. Resmi T R and team won second prize.

The Department of Mathematics and Statistics & Department of Commerce of Carmel College (Autonomous) in collaboration with TIME Institute organized a Training Session on Preparation For Competitive Examination on July 22, 2022 in the Audio Visual Room. Mr. Civin K V and Mr. Jerin Varghese of TIME Institute were the resource persons. In connection with Entrepreneurship Week Day Celebration, the Department of Commerce and IIC organized an Inter-department Management Games on 23/08/2022. The games were conducted at 2.30 pm at the volleyball court. Major objective of these games is to enhance the eye for details, to improve analyzing skills, to make students cooperative and team players, and to give them long lasting impressions of the subjects, which they have learnt inside classrooms. In connection with Onam celebration, the Department of Commerce organized an Interdepartmental Uriyadi competition on 31st/August/2022 in the auditorium. The competition began at 2.30 P.M in the presence of all the members of the Commerce Department. 10 participants participated in the competition, among them Jisna from IInd B.Voc multimedia won the 1st prize. Department provide Rs.501/- as cash award to the winners.

PG Department in connection with Teachers Day, organised a Programme on "GURU VANDANAM" for faculties. The Programme was held on 05th September 2022, 11:00 am in Google Meet. The programme began at 11.00 am in the presence of all the members of the Commerce Department. Ms. Rasmi, II M.Com. Student, Department of Commerce Carmel College, Mala started the programme with the brief introduction of the Teachers Day, and welcomed the participants.



The PG Department of Commerce and Department of Business Administration organized an Orientation Programme on the theme “CAREER FOR WOMEN IN LOGISTICS”. The seminar was held on 30th September 2022, at 2.30 P M in Seminar Hall. The resource person for the seminar was Mr. Arun Gopal E G, Project Manager, Academic Development, Chartered Institute of Logistics and Transport(CILT-UK). The PG Department of Commerce, organized a seminar on the topic “GEARING UP FOR GST”. The seminar was held on 13th October 2022, at 2.30 P M in III B.Com Finance. The resource person for the seminar was Mr. Muhammed P H, Managing Director, Tally Tech. The programme started with an opening remark delivered by Ms. Celin K.A Head, Department of Commerce Carmel College, Mala. Students participated in the interactive session with an intensive question/answer session at conclusion and vote of thanks by Anamika N S III B.Com. Finance student, Department of Commerce Carmel College, Mala.

PG Department of commerce conducted a debate competition on 14th October, 2022 at 2.30 p.m. in collaboration with Anti-Narcotic Cell. Students from II B.Com., III B.Com and I M.Com. took part in the competition. Ms. Asha T.V., an assistant professor PG Department of Commerce, Carmel College Mala anchored the competition. She selected the participants and set the motion of the debate – “Is addiction a disease or a choice”. Group A; Archana, Arya, Aleena, Anitta, Fathima, Nikitha, Sneha and Anjana argued that addiction is a disease. And Group B; Jasmin, Archa, Sufana, Gopika, Karthika, Sruthy, Aparna and Varsha against the topic. The audience highly appreciated the debate.

The Department of Commerce organised a poster making competition on 17th October 2022 on the theme “Don’t let drugs ruin your life” was the main focus of the poster. Poster making competition conducted at student’s corner 2.30 pm. 10 students from various classes participated in it.

PG Department of Commerce, Carmel College Mala, Thrissur in connection with Commerce Association Inauguration, organised a seminar on “Top Career opportunities for commerce students” for faculties and students on 19th October 2022. The session was led by CMA Anoop NG, MD Profinz CMA Campus and Vice chairman Institute of Cost Accountants of India. The seminar began at 02.00 pm in the presence of all the members of the Commerce Department. Ms. Jisha Jose, Association in charge, Department of Commerce, Carmel College, Mala started the seminar with the brief introduction of the Chief Guest CMA Anoop N G, and welcomed the participants.

The P G Department of Commerce in collaboration with Career Guidance and Placement Cell organized a Seminar on the topic “Explore your Career in Accounting.” The seminar was held on 28th November 2022, at 2.30 P.M in Multi-Purpose Hall. The resource person for the seminar was Mr. Sreejith P.R, Academic Career Counsellor & Consultant Finishing School in India.

The P G Department of Commerce in collaboration with IIC, organized a Seminar on the theme “Krish Talkz; A Motivational Session by a Successful Innovator”. The seminar was held on 29th November 2022, at 2.30 P M in Audio Visual Hall. The resource person for the seminar was Ms. Krishnendhu T K YouTuber.

Department of Commerce organised a Quiz competition in connection with Christmas celebration, “Festive Fiesta – 2K22 on 19th December 2022 @ 2.00 P.M at III B.Com. CA classroom. The main objective of the competition was to enhance the knowledge of festivals and culture. 5 teams joined the competition. Angel Joy and Amrutha Rajeev from II M.Com got first prize in competition. Christy P J and Emilin from II M.Com. Finance got second prize in the competition.

The Department of Commerce visited St. Joseph’s Old Age Home, Puliylakunnu, Ashtamichira as a part of a linkage programme on 23/12/2023. 25 representatives of students accompanied by 5 teachers reached there at 10.



am. The major objectives of the programme are to build a 'connected college community' and create the values of humanity, compassion, support, sharing among the students and the ability to work with the society.

PG Department of Commerce organised National seminar on "sustainability of women entrepreneurs with SME". The National seminar "sustainability of women entrepreneurs with SME" was held on 27th January 2023, at 10.30 am in the college audio visual room. The session was lead by Dr. Shiji K, Principal, Gopalan College of Commerce, Bangalore, Karnataka. The main objective of the National seminar was to provide the role of women entrepreneurs for achieving sustainable economic growth, social development and environmental sustainability. The National seminar began at 10.30 am in the presence of principal, HOD and all the members of the Commerce Department. The afternoon session of the day deals with a paper presentation. The department arranged the offline paper presentation through both online mode and offline mode, chaired by Dr. Rama P, Head of Department of Business Administration, Carmel College Autonomous, Mala. And the online session chaired by Dr. Arun Balakrishnan M B, Assistant Professor of Commerce, PG Department of Commerce, Christ College [Autonomous] Irinjalakuda. 21 students from the rival colleges presented paper offline and 6 faculties of different colleges joined online to present paper in virtual mode.

PG Department of Commerce and Department of Business Administration in collaboration with IIC, organized a Workshop on the theme "Entrepreneurship Skill Attitude and Behaviour Development". The Workshop was held on 15th February 2023, at 4 P M in Haritha Bio Park, Panamkuzhi. The resource person for the workshop was Mr. Rajappan T.R. Entrepreneur, Haritha Bio Park, Panamkuzhi, Vallom, Ernakulam. The workshop was attended by around 90 participants. It was a nice experience for students to observe and study the way in which the Haritha Bio Park was structured and maintained. The resource person explained the motivation behind the idea of Haritha Bio Park to the students. It was a very informative session which helped everyone imbibe knowledge about the topic.

PG Department of Commerce, Carmel College Mala, Thrissur in connection with IIC & Department of Business Administration, organized a seminar on "Achieving Problem solving Fit & Product Market Fit" for students held on 21st February 2023 at 02 .30 pm .The session was led by Anagha.E.Jayan, Entrepreneur, Writer and Journalist. The main objective of the seminar was to know more about problem solving and product market as a part of entrepreneurship. The seminar began at 02.30 pm in the presence of all the members of the Commerce Department.

The P G Department of Commerce in collaboration with the Department of language and Women's cell organized a Seminar on the topic "Laws for the welfare of women in India." The session motivated the students for self-empowerment. The seminar was held on 7th March 2023, at 1.30 P.M in Audio-Visual Room. The resource person for the seminar was Adv. Greeshma G Menon., Advocate, District court Thrissur. The seminar was attended by around 75 participants. It was a very informative session which helped everyone imbibes knowledge about women laws and practises.

The P G Department of Commerce in collaboration with Dancer's Forum organized an Alumni Engagement Programme, Seminar on the theme "Practical and Technical Comparison of Major Arts Forms from Kerala". A Motivational Session by an Alumni 2015 Batch" The seminar was held on 09th March 2023, at 2.00 P M in Audio Visual Hall. The resource person for the seminar was Ms. Krishnapriya M., Assistant Professor, MES Asmabi College P.Vemballur. The seminar was attended by around 67 participants.

The P G Department of Commerce in collaboration with the Department of Business Administration and IQAC organized a Seminar on the topic "Career Portraying for the Future." The session motivated the students for career and to make them capable of perceiving and exploiting successful opportunities. The seminar was held on 17th March 2023,



at 2.00 P.M in Audio-Visual Room. The resource person for the seminar was Mr. Ashwin M.V., Career Portraying Trainer.

DEPARTMENT OF HISTORY

Activities of the Department of History were started with the environmental day celebrations in June. The department has conducted an interdepartmental quiz competition on the French Revolution as part of observing the Day of the French Revolution. Department actively participated in Onam celebrations conducted in the college, and our student Alka Deepak won the prize for first runner up in the Malayalam competition. As part of the Gandhi Jayanthi celebration, the department organised a quiz competition and an exhibition on the life of Gandhiji at Students Corner. Our principal, Dr. Sr. Catherine CMC, inaugurated the programme. We organised a one-day entrepreneurship awareness programme in collaboration with MSME, Thrissur. More than a hundred entrepreneurs from different parts of Kerala participated in the programme. Kerala Piravi Day was observed with various programmes. Students prepared a floral design on the outline map of Kerala. In the Sports Day march past, our Department came in third place. As part of the experiential learning, the students and teachers of the department visited important archaeological sites in Thrissur District. We have also organised a talk as part of the gender sensitization programme. Dr. Sreeparvathy from Govt. College, Kuttanellore, delivered a talk on gender relations in mediaeval Kerala literature. The department also published a handwritten magazine named Thulika for the years 2022–2033. Students and teachers of the department participated in and presented papers at various national and international conferences.

DEPARTMENT OF LANGUAGES

Department of Hindi organized a SLOGAN WRITING Competition as part of Azadi ka Amrit Mahotsav which is to celebrate our 75 th year of Independence. Department of Hindi celebrated this year's 'Premchand Jayanthi' on 19/08/2022 with a talk on Premchand's story 'Idgaah' by Chinchu Ramachandran, ResearchScholar, from SSUS kalady. The department conducted one day workshop on 'Creative Writing' on 20th March 2023 in which Dr Kala Chandran was the resource person. In connection with Drama Day department screened a drama 'Ek Aur Dronacharya' by Shankar Shesh on 24th March 2023. Apart from that a Drama Review Competition on 'Bina Diwarom ke Ghar' was also conducted on 27th March 2023.

DEPARTMENT OF MATHEMATICS AND STATISTICS

The Department of Mathematics and Statistics of Carmel College (Autonomous) organized a seminar on Courses and Careers in Statistics on June 29, 2022 at 2.30 pm in the Auditorium in connection with National Statistics Day. Dr. V K Gopinathan Unnithan, Retired Professor & HOD, Department of Statistics, Kerala Agriculture University was the resource person.

In collaboration with TIME Institute the department organized a Training Session on Preparation For Competitive Examination on July 22, 2022 at 2.30 pm in the Audio Visual Room. Mr. Civin K V and Mr. Jerin Varghese of TIME Institute were the resource persons.

The Department and IQAC of Carmel College (Autonomous) organized a workshop on Question Bank Preparation on September 19, 2022 at 3pm in Seminar Hall II. All faculties of the department attended the workshop. Mr. Antony John EF, Assistant Professor, Department of Mathematics, St. Thomas College (Autonomous), Thrissur was the resource person.



In collaboration with the Anti narcotic cell department association organized a Cartoon making competition for creating awareness among students on October 14, 2022 at 2.40 pm in the Seminar Hall.

Association inauguration of the Department was conducted on November 02, 2022. Dr. Seethu Varghese, Assistant Professor & HoD, Department of Mathematics, Bharata Mata College, Thrikkakara was the Chief Guest. The inaugural ceremony took place at Audio Visual Room at 2.00 pm which was presided by Principal Rev. Dr. Sr. Catherine CMC. After the inaugural ceremony Dr. Seethu Varghese delivered a talk on "Small Worldness in Neural Networks".

In connection with Fibonacci day, students of the department organized a PPT presentation on "Fibonacci Numbers: The Golden Ratio on November 28, 2022 at 2.30 pm in seminar hall.

In connection with National Mathematics Day, Quiz club organized a Quiz competition on December 21, 2022. Department organized the Alumni Interaction session -"ECLAT". The third session was held on 22nd December 2022 at 2 pm in Audio Visual room. Our alumni for this session was Ms. Kripa Josteen, ICMR Hq, Project technical officer. She is our 2019 pass out UG batch member. The session was so interesting and inspirational for students. UG and PG students of the Mathematics Department participated in this session. Department organized an interschool math fest *Math πrates* on 9th February 2023. Students from various schools participated in the same. In collaboration with Women Cell, department organized a seminar on *Women and Economic independence* on 9th March 2023. In connection with **Pi Day** celebration department organizes a session on *History of PI* on 14th March 2023.

DEPARTMENT OF PHYSICS

Ms Gopika Mohan secured the first rank in the B. Sc Applied Physics Examination, in March 2022. Athira Manoj and Swathy N S secured the second and third ranks respectively. Department of Physics and IQAC of Carmel College, Mala, under the MoU collaboration with St. Paul Institute of Professional Studies (SPIPS) Indore, organised a national webinar on 13th September 2022 on the topic "Application of Knowledge Management in Higher Education". Department in collaboration with VERZEO, organised a national webinar on the topic "Internships/Projects @IBM". Mr Neeraj Panjwani, Business Development Associative, was the resource person for the webinar. The Physics Association activities were inaugurated by Mr Arun V, Assistant professor of Physics, KKTU College, Pullut, followed by a Workshop on "Python Programming" on 26/10/2022. Department organised an orientation programme for JAM "Master your future with JAM" Department of Physics in association with IIC, Carmel College, Mala organized a training workshop "LED Tube making" for NSS volunteers of Carmel College, Mala. Electronics Club organized an energy conservation awareness and training workshop on "LED Tube making" for students of Socorro G.H.S. School, Mala. In connection with Christmas 2022, Members of CREATIVE SPECTRA, the skill development centre of the Department of Physics in association with the Electronics Club made LED stars and organized a Christmas star sales expo on 9th December 2022.

The department conducted a science quiz and exhibition in connection with "Skill mela 2023" on 24th February. Department in connection with Ozone day organized an international webinar on "Climate change and its Impact over Kerala" on 20th September 2022. Dr Jayasankar C B, Postdoctoral Research associate from the Centre for Ocean Atmospheric Prediction Studies, University of Florida was the resource person. The department organized a talk on "Women and Science" by Dr Dhanya N P, Assistant professor of Physics, KKTU College, Pullut. The department conducted a seminar on "Energy conservation Awareness" under the MoU collaboration with Brain Society with the technical and financial support of the Energy Management Centre and Centre for Environment & Development. Department organized a talk on "Sensors in Automobiles" by Dr A P Jayadevan, Associate professor, Sri Kerala Varma



College, Thrissur. In connection with International Women's Day, and Alumnae engagement the Department organized a talk by Adv. Sona Kareem LLM, Alumnae of the department on the topic "Legal Assistance to women". Workshop was conducted on Familiarizing MOOC Platforms & Ms. Smitty V Isidhore was the resource person Ms Greatel Francis Paremle and Ms Maya Mathew presented a Paper at the international conference "ICFMAT - 1" organized by the Central University of Kerala. Students and faculty visited VSSC, Thumba as a part of their study tour. Ms Olivia Antony and Ms Adithya M B of II B. Sc Applied Physics attended EK BHARAT SHRESTHA BHARAT- II Camp.. Our Students, Anitta Joy and Adithya E R of III BSc Applied Physics got placement by Accenta.

DEPARTMENT OF POLITICAL SCIENCE

The Departmental activities for the year 2022-23 began with a National webinar on Eco-feminism and Environmental movements in India on 23/6/22. Dr. Deepa V.K., research consultant with the International Public Policy Institute, Delhi was the resource person. As part the environment friendly initiatives of the department the students planted saplings in ward 17 of Kunnathakadu panchayath, our adopted village on 1/7/22. On 13/7/22, three of our students, Ms.Sreeshma, Ms.Nandhana Shaju and Nandhana Ashokan along with two other students of the Department of Sociology, were awarded the Malayala Manorama Scholarship for the year 2022-23 in a function held in the audio-visual room. As per the decision of the Principal, a special P.T.A. meeting of the parents of those students who had scored poorly in the semester exams, was convened by the department. A seminar on 'Drug Abuse and Addiction awareness' in association with the Mala Excise Office was conducted in Kunnathakadu, as part of the extension programme on 28/7/22. The academic audit for the year 2021-22 was conducted on 11/8/22. The first and second year students conducted a survey on socio-political inclusion in Ward 17 of the adopted village on 26/8/22 and was continued and completed on 30/9/22. The final year students were taken for a study trip to the Vikram Sarabhai Space Centre, CISF Unit, Thumba, Thiruvananthapuram on 22/9/22. The final year students attended a training programme on Micro-planning in Kuzhur Panchayath on 26/8/22. A seminar on 'Status of women through the ages' was conducted in the audio-visual room on 27/9/22. The P.T.A. meeting for the second year students was conducted on 7/10/22. The association inauguration was organized on 20/10/22 which included an invited lecture on 'Role of Media in Indian Democracy-Growth or Deterioration'. Dr. Sanand.C. Sadanand Kumar was the speaker.

As part of the Poverty day, the students of the department provided lunch free of cost to the inmates of the Government hospital, Mala on 28/10/22. The students of the department also volunteered for a training programme organized by KILA, for the Panchayath members on 29/10/22 in the college auditorium. As part of the social linkage, the staff and students visited Santhinilayam, the old age home at Kuzhur on 23/12/22. As part of alumnae engagement, Ms. Fasma K.A., Teacher, Asian school, Bahrain spoke to our students about 'Career prospects in Political Science' on 27/1/23. As part of experiential learning, the final year students were taken for a one day trip to the Dam site at Mallakapara on 11/2/23. An International webinar on 'Contemporary Social Issues' was conducted by the department in collaboration with Cauvery College for Women (Autonomous), Trichy on 18/2/23. A National seminar on 'Women after 75 years of Independence' was organised on 21/2/23. The department actively participated in the skill mela organized by the college Skill Development Centre on 24/2/23. The faculty and students attended the International Conference organised by the Department of Social Work, Cauvery College for Women (Autonomous), Trichy in collaboration with the Department of Political Science, Carmel College (Autonomous) at Trichy on 6/3/23 and 7/3/23 both in online and offline mode. The students had another session of experiential learning at KILA on the operation of Panchayati Raj system in Kerala on 10/3/23. Two of our students got placement through campus recruitment drive held at Kerala Varma College, Thrissur. Some other students got placement outside the state and country. Some of our students opted for higher education



abroad. The faculty and students of the department attended various seminars, made presentations and published papers in journals and books. Students also excelled in sports and arts competitions. Ms. Ayisha Noushad was crowned Carmel Queen for the year 2022-23. The association and Cognition club conducted a number of competitions as part of various day celebrations. Ms. Aisha Noushad, won Gold medal in State and University level Karate.

DEPARTMENT OF SOCIOLOGY

49th Kerala Sociological Society was organized at Farook College (AUTONOMOUS), Kozhikode on 10th, 11th, 12th of February 2023. Department bagged Second prize in the all Kerala Level Academic. In connection with International Women's day, the Department of Sociology and Women's Cell organized a talk on the topic "Women's Right" on 14th March, 2023 by Adv. Rathnakumary Sajeer, Legal Counsel, Brain Society, Mala.

In connection with Women's Day, Department of Sociology organized a workshop on Karate training on 13th March 2023. The Resource Person was Mr. Arfan Abdul Salam, WFSK Federation. In the same day Sandra P S, the student of 2nd BA Sociology, was appreciated for winning 2nd prize in the National Karate Championship.

In association with the Department of Sociology, and Social Research Forum organized a field visit and survey on the topic of "Health Problems of Women in Slums" special reference to Diwanjimmoola, Thrissur, on 2nd March 2023. Department of Sociology, visited St. Joseph Aged Home, Puliyilakkunnu and Mithralayam Aged Home, Snehagiri as a part of Linkage on 18th and 21st March 2023. Carmel Sociology Association and SRF organised a webinar, on the topic of "Issues of Sexual Minorities" by Dr. Dora Dominic, Assi. Prof. St. Teresa's College, Ernakulam on 23/03/2023. Surya S, III MA Integrated Sociology, cleared Campus Placement Interview of HDFC Bank. Aleena Antony P A, II MA Sociology, cleared Campus Recruitment conducted by Accenta Education and got placed as Communicative English Trainer

DEPARTMENT OF ZOOLOGY

Department of Zoology conducted a talk and interactive session on the topic 'Biology of Adolescence' on 29th August 2022. The resource person was Dr. Eshal Reju, BHMS, M.Sc. Psychology, and PGD (LD) at Multipurpose hall. The session was based on mental health and its significance and also the psychological issues of adolescence. In connection with the World Mosquito Day department has observed Dry Day on 26th August 2022. The students cleaned the college premises with an aim of eradication of mosquitoes. Department, as a part of First Aid Day conducted an awareness session on First Aid, Disaster Management & Fire Fighting Techniques on 16th September 2022 at auditorium for the whole college. The resource persons were Syamkumar M P and Sulfikkar B, Fire and Rescue Officers from Mala Fire Station. Demonstrative sessions helped the students to face emergency situations.

Department in association with Anti-Narcotic Cell organized a Hand Painting Competition on 27th October 2022. The theme of the event was 'Effects of Narcotics'. This was conducted as an aim to reduce the excessive use of narcotics within and outside the educational institutions. Hello Periods – a talk on Menstrual Health and PCOD and its precautional measures was carried out on 26th October 2022 at Audio-Visual Hall. The resource person was Dr. Induja, BHMS, SDLD and teaching faculty at IHK. The session mainly focused on what is PCOD, how to identify PCOD, foods to avoid for a person afflicted with PCOD, its further issues and the causes of PCOD. The session also explained the healthy diet chart and essential exercises to be done. As a part of World Post Day, Department conducted a letter sending event for students through google form. Students were able to share their all emotions which was completely anonymous. These writings were shared through Carmel Stories Instagram page. In connection with the Cancer



Awareness Day, Department organized an awareness talk on cancer awareness- An eyes onto yourself, early detection for a better prognosis on 9th November 2022 at Auditorium. The resource person was Dr. Aisha Bismi Saheed, BHMS, MA Psychology. The major discussions were based about cancer, common sites, general symptoms, cancer preventive interventions and talks about cervical and breast cancers.

A guidance and counseling session was arranged on 'Bringing Lights to Ignorance' on 21st December 2022. The resource person was Haritha P Nair, MSc, B.Ed and M.Ed. she is our alumnae and Indian Book of Record Winner. It was a high motivated class to achieve personal goals. Department of Zoology conducted a Bio Quiz 2023-an online quiz series. The targeted group was Plus Two students of various schools. Each quiz carries unit wise questions from their biology syllabus of a duration of 5 days. Link was provided to all the Biology teachers. It is considered as an academic support to revise the syllabus. The programme is to collect the waste papers for charity. The objective is to help the needy ones suffering from chronic illness mainly the dialysis patients and heart patients. A link was provided in the brochure. Anyone can register through this link who wish to avail the help. A seminar was conducted on the topic- Hi-tech Fish Farming Methods and its Principle on 24th March 2023 at Audio-visual hall. The resource person was Dr. Vinu Jacob, Assistant Fisheries Extension Officer in Regional Shrimp Hatchery, Department of Fisheries, Azhikode. The seminar explained the various dimensional aspects of Aquaculture. III B.Sc. Zoology students had a chance to visit Agency for Development of Aquaculture Kerala, Poyya which later helped them to carry out their final year project work at ADAK. The Department staffs as well as final year students went to Mysore, Coorg and Chikmangalore as a part of their study trip. The students had a chance to visit Shuka Vana Bird Sanctuary, Chamundi Hills, Brindavan Garden, Mysore Zoo, Nisargandhama and Jhari Waterfalls.

DEPARTMENT OF VOCATIONAL STUDIES

ACCOUNTING AND TAXATION

As a part of the association's inauguration, Assistant Professor Dr. Arun Balakrishnan gave a seminar on the theme of "Commerce in the 21st Century" to kick off the academic activities of the Department of Accounting and Taxation. The department published a magazine called 'Vipanchika' that was written by hand. The department held a session on "Intergenerational Solidarity: Cultivating a World for All Ages" in connection with Youth Day. The department arranged a programme called "Choosing the Right Path to Careers" for career orientation. An academic programme titled "Overview of the Securities Market and Career Growth" was organised in partnership with the Department of Commerce. The department organised an interdepartmental debate competition in connection with the International Day for the Elimination of Violence Against Women. The department also organised a career orientation programme called "Agriculture and Rural Development Society" in cooperation with the Department of Agriculture. The department held a food festival and sale in connection with Onam celebrations called 'Onam Ruchi'. There are many competitions, including ones for patriotic songs to celebrate Independence Day, cartoon drawing competitions to celebrate World Thrift Day, Onappattu events to celebrate Onam, and Fashion Crisco to celebrate Christmas. The Department of Accounting and Taxation joined hands with the UBA of Carmel College (Autonomous) and the Mala and Nature Club to plant 300 seedlings in the college's chosen villages nearby. The department's students and faculties made a visit to 'Sanketham, an elderly residence in Pariyaram, as part of the linkage programme.

DEPARTMENT OF AGRICULTURE

The department organises co-curricular and extra-curricular activities along with curricular activities, which helps the students explore their strengths and talents outside of academics. "Best institution doing agriculture in Mala Panchayat"



was awarded to Carmel College on August 17, 2022, by the Department of Agriculture and Farmers Welfare, Mala Panchayat, as part of the Farmers Day celebration. The department used to observe important days related to agriculture. Department in collaboration with Nature Club celebrated World Environment Day on June 5, 2022, by planting The spesia populnea in front of the college library by our respected principal, Dr. Sr. Catherine CMC. "Pookooda: Seedling Sale of Onam" was conducted on July 19th in view of the Onam festival. The seedlings were prepared in the skill development centre 'Green Guardian' under the department. The seedlings of Common Globe Amaranth (*Gomphrena globosa*), Marigold (*Tagetes spp.*), Indian Borage (*Coleus aromaticus*), and Common Purslane (*Portulaca oleraceae*) were kept for sale in front of the canteen.

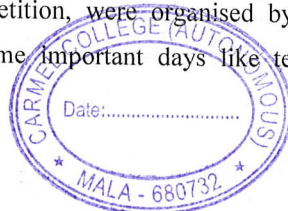
Seminars were organised by subject experts to teach the principles and innovative strategies that are employed to sustain agricultural production. Agripreneurship is the entrepreneurial process taken up in agriculture or the allied sectors. It is the process of adopting new methods, processes, and techniques in agriculture or the allied sectors of agriculture for better output and economic earnings. Agripreneurship converts agricultural activity into an entrepreneurial activity. To familiarise our students with the concept of agripreneurship and in turn motivate them to be an agripreneur, the department, in coordination with the IIC, organised two seminars: "Agripreneurship development through beekeeping" and "Training programme on propagation techniques" on July 15 and August 10, respectively. On December 2, a career orientation class was scheduled for students of B.Voc. and Botany.

Different programmes were conducted by the department as part of the celebration of special days. Independence Day was celebrated by the department by organising an interdepartmental "Tricolour Card Making Competition." The PTA meeting of first- and second-year students was conducted on October 7, 2022. An extension activity was organised for Ashabhavan, Annamanada. Daily useful toiletries such as washing powder, bathing soap, dettol, tooth pastes, brushes, etc., and food items such as biscuits and chocolates were distributed among the members of Ashabhavan. Agriculture association inaugurated by agriculture officer P. P. Hussain on November 28, 2022.

Field visits were organised to Bharath Honey, Thrissur; Niravu Nursery, Ashtamechira; and KPL Oil Mills, Irijalakuda, where students were given hands-on experiences in various agricultural technologies. As part of curricular activities, the second-year students carried out rice cultivation and vegetable cultivation in the rice fields, Alathoor and Carmel Polyhouse, respectively. Vegetable crops like amaranth, tomato, bitter gourd, brinjal, chilly, etc. were grown by the students at the vegetable plot at Carmel College. Organic cultivation of warm-season and cool-season vegetables like tomato, bhendi, chilly, cowpea, cauliflower, cabbage, and watermelon were grown in Carmel Polyhouse and Carmel Shade House, and sales of these vegetables were done through the department sales desk, "Point of Sale," to teachers of

DEPARTMENT OF BFSI

The academic activities of the Department of BFSI commenced with a webinar on the topic "Emerging Trends in E-Commerce" by Assistant Professor Dr. Prince Francis as a part of the association's inauguration. An interdepartmental poster-making competition was organised by the department in connection with World Humanitarian Day. The department conducted a tricolour fireless cooking competition on Independence Day. In Kerala, a Piravi collage-making competition was organised. In collaboration with the department of accounting and taxation, a career guidance programme was organised on the topic "Choosing the Right Path to Careers." As a part of celebrating Onam, the department organised a selfie with pookkalam competition. In collaboration with AMFI, a national webinar on "wealth creation through personal finance management" was also organised by the department. Various competitions, like the Spot Choreography Competition, were organised by the department on the occasion of Christmas. The department also commemorates some important days like teachers day, humanitarian day, Diwali, teachers day,



environment day, etc. by conducting various competitions. The Department of BFSI, in association with the UBA of Carmel College, Mala, and Nature Club, have taken the initiative of planting 300 saplings in the nearby adopted villages of the college. As a part of the linkage programme, the students and teachers of the department visited Sanketham, an old age home at Pariyaram.

DEPARTMENT OF FASHION TECHNOLOGY

The formal inauguration of the Fashion Technology Association was done by Ms. Jatos Mariya Tom, Owner of FAB N SEW Garments, Kochi on 07th October 2022 followed by a session "IGNITING FUTURE - Career Guidance Program. She spoke about the various scopes in the Fashion Career.

The event began with a prayer. Ms. Gayathri K S, Head of the Department delivered the welcome speech which was followed by a Presidential address by our College Principal Dr. Sr. Catherine CMC and felicitation by B.Voc Coordinator Ms. Beena Thomas.

The session was interesting for the students. The guest shared her experiences and hardships faced throughout her life for achieving her dreams. Also, she interacted with students, cleared their doubts and also guided them with different career options in fashion industry. The event ended with vote of thanks by the Association Secretary Ms. Shamma Sadiq.

Department of fashion technology organized an event MALAYALIMANKA 2022 BEAUTY PAGEANT on 31st August 2022. Ms. Ambika Menon (Dept. Of BBA) crowned Malayalimanka 2022 title. Ms. Alka Deepak (Dept. of History) was 1st runner up and Ms. Aparna Menon (dept. of mathematics) was 2nd runner up.

Students of Fashion Technology participated IGNEZIA 2022 national level designer contest at NIFT –T-TEA College of Knit Wear Fashion Tiruppur. First year student of Fashion Technology Ms. Anjana has won the second prize and 3rd year students Ms. Hamda and Ms. Marwa got best stylish garment award.

A workshop on fabric painting was organized by the Department of Fashion Designing, St Teresa's College, Ernakulam on 17th October 2022. This session was conducted by a Resource person from Fevicryl. The workshop was attended by I year and II year students of B.Voc Fashion Technology. Painting such as Tanjore painting and Scandinavian doodling were taught during the session. The workshop was quite informative and loaded with novel techniques of painting in the field of fashion technology.

The Department organised an industrial visit on 17 March 2023 to Chendamangalam Handloom Society, North Paravur, for the I year and II year students of B.voc Fashion Technology. This visit mainly focused on to understand the procedures involved during the creation of hand woven fabric and to understand the importance of the weavers in today's mechanized world. The Secretary gave a brief history about the Handloom Society. The students also got the chance to witness the process of thread warping, weaving and jacquard weaving.

Department of Fashion Technology organized an online Alumni interaction activity on 26-03-2023. The session was addressed by our alumnus Nimarose joy, Merchandiser Flipkart Private Limited, Bangalore. She shared her experiences and encouraged the students on how to be ready for the job. The programme was coordinated by Ms. Sinju Raju and Ms. Jissa Relix.

Department of Fashion Technology arranged an online CAD workshop in academic collaboration with St. Teresa's College. The expert of the workshop was Ms. Shruithi R, Assistant Professor, JD institute of Fashion Technology,



Cochin. The major objective of the workshop is to give an insight to the various application and tools of Photoshop. The session was coordinated by Ms. Sinju Raju.

The department conducted exhibition and sale in association with 'Open Day' programme on 24th February 2023.

Students of Department of Fashion Technology went for a visit to Snehagiri (Home for mentally retardant) as a part of social linkage activity on 29-03-2023. This trust helps the different abled children to learn many things like candle making, crafts etc and also to read and write. Students of Fashion Technology went there and hand over the fund raised by them. They also play with them and spent some quality time with such special children.

DEPARTMENT OF MULTIMEDIA

On 12 June 2022 the Ishoot photography conducted a Monsoon photo walk in Athirappilly. The activities to be held in the month of June. Najmu Ishoot conducted the program. Department of Multimedia students and teachers participate in this photography program. The theme of this contest was "Monsoon photo walk". Rules and duties of this contest were arranged and assigned by Mr. Najmu Ishoot. Devaparba of Second year M.Voc Multimedia gave the vote of thanks.

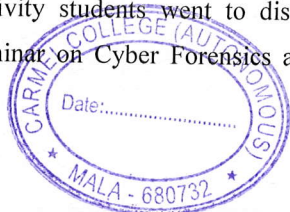
The department conducted a Workshop "Technical Drawing workshop" on 16 August 2022. The guest for the Workshop Anil Vasudevan M.sc Animation and vfx And also State Ward for Painting . A part of this program lamb lighting after Dr. Sister Catherine cmc shared a fruitful word to students. The session was only for students of B.Voc Multimedia. Ms. Aswathy Alex, Assistant professor, B.Voc Multimedia welcomed the gathering. The session was very interactive, the participants asked questions and it was like a two way process. Ms. Reshma Assistant professor talked about the possibilities of drawing . Ms. Megha Assistant professor, B.Voc Multimedia gave the vote of thanks.

The department organised Toonz India Private Ltd. Animation Company, Trivandrum, to conduct an International Animation Day Celebration on November 18, 2022, in the Kerala Sahitya Academy Auditorium, Thrissur. In this programme, the chief guest was one of the new Malayalam film industry actresses, Renu Sounder. The guest of honour was documentary filmmaker K.R. Subash. It was a live interaction session. Workshop on the action of animation by film maker Viju Varma and Animation and Vfx: A Technological Perspective by creative mentor and animation film maker Vinod A.S. Many colleges attend the celebration programme. Students actively participate in the programme.

Department conducted a workshop titled "Animation and VFX Workshop" on 3 February 2022. The guest for the workshop was Mr. Somaraj P.K. The session was very interactive. Ms. Reshma, assistant professor, talked about the possibilities of animation. Ms. Heera N. S., assistant professor, B.Voc. Multimedia, gave the vote of thanks.

DEPARTMENT OF SOFTWARE DEVELOPMENT

The department organized a Workshop on E-Certificate Generation for Staff and also for students. The department organized a Webinar on Career Planning by Mr. Renju Cheriyan, Zion IT Company. Two of our students did a training programme on Paper Bag Making in association with IIC. As part of Azadi ka Amrit Mahotsav, a Selfie Competition was organized. Association Inauguration was done by Ms. Laiby Thomas, Assistant Professor, NIMIT, Pongam followed by a Seminar on Artificial Intelligence. A Motivational Talk was made by Ms. Sreelakshmy Palliyil, Senior RedTeam Security Consultant, UAE. A Seminar on "Campus Placement Awareness in Today's Growing Unemployment and Introduction to Chrysalis Programme" was organized in association with the Placement Cell of the College. As part of Linkage Activity students went to distribute plant saplings at two of our adopted villages- Chenthuruthi and Vadama. A Seminar on Cyber Forensics and Cyber Security was given by Ms. Greeshma K. V,



Assistant Professor, Kerala Police Academy, Thrissur. This programme was made as part of a MoU with St. Mary's College, Thrissur. A Technology Awareness Programme was given by EfutureX Company. In association with IIC we organized a Seminar on Design Thinking, Critical Thinking and Innovation Design.

DEPARTMENT OF PHYSICAL EDUCATION

The Department of physical education functions as per the motto "Health is Wealth" and provides coaching in Archery, Ball Badminton, cycling Football, karate, Taekwondo, Sepak takraw, Throw ball and Cricket. The students have brought laurels to the college by winning different championships.

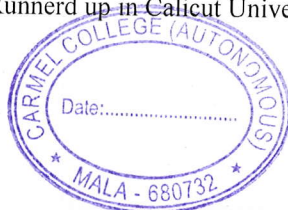
The Department of Physical Education newly introduced 7 Short term /Diploma courses in Physical Fitness and Basics of different foreign languages. In connection with International Yoga Day, Department of physical Education conducted a mass yoga awareness programme in association with Sports cell and Yoga cell. An Effective one week offline training sessions has been conducted. Dr. Sr. Catherine CMC has been inaugurated the Yoga Day celebrations. Sports inter-Departmental tournaments also successfully conducted in the campus. Dept of physical Education has conducted Calicut university Ball Badminton (W) Team camp from 18/01/2023 to 25/01/2023 in our campus. Yoga, Zumba training sessions and Self Defense activities were conducted for the students from June 2022 in offline mode. General students and Hostel students actively participated under guidance of Dept Physical Education, Sports Cell and Yoga cell. Dept of physical Education also provided sessions on Zumba, Yoga, Relaxation Therapy, Taekwondo and Karate in offline mode. All the interested students were actively participated in those activities.

Regular training sessions for competitive Sports and games also started in the campus from June- 2022. Inter-Departmental competitions has been started in the month of October in connection with Apocalypse -Sports day 2022-23. Sports day has been conducted on March 10th 2023. Students have participated with true sportsmanship have made it as a memorable day with vigor and spirit

SPORTS ACHIEVEMENTS.

ARCHERY

- Jesna K.J -Secured Gold Medal in National games 2022-2023.
- Jesna K.J -Secured Gold Medal in Kerala State games 2022-2023.
- Indian Team- All Gold Medalist in Calicut University.
- Jesna K.J-Silver medal in All India inter-Varsity Archery Championship.
- Compound Team-Silver Medalists in Calicut University
- Recurve Team- Silver Medalists in Calicut University
- Jesna K.j-Secured Gold medal in Calicut university (Individual Champion)
- Akshara Das-Bronze medalist in Calicut University Recurve Individual championship.
- Telmamol M.J-Silver Medalist in Calicut University Championship.
- Archery Team became overall Runner up in Calicut University.



- Sreelakshmy V, Telmamol.M. J and Akshaya Das got selected to Kerala State Senior Archery team 2022-23.
- Telmamol M.J-Gold Medalist in Kerala State Archery Championship 2022-23

BALL BADMINTON

- Carmel College Ball Badminton team became overall Champions in Calicut University for the 6th time continuously.
- Joshna John V-Awarded "Star of India" in All India Senior Ball Badminton Tournament in the year 2022-23
- Ball Badminton team became champions in Kerala State Ball Badminton Senior Tournament held at Eranakulam.

Ronisha R, Joshna John and Farsana were selected to Kerala State Senior Ball Badminton team. Farsana A.M,Joshna John V.,Ancy Wilson and Ronisha R -Secured all India Bronze medal in both Association and Federation Tournaments.

CRICKET

- Minnu Mani(Indian Player),Drisy and Darsana Mohanan -Selected to Kerala State Senior Cricket Team 2022-23.
- Divya ,Arya Babyand Biby Sebastian -Selected to the Kerala State League matches.
- Cricket team became Silver medalists in calicut University Tournament.

TAEKWONDO

- Ayisha Noushad-Silver Medalist university Taekwondo championship
- Arya B.. -Bronze Medalist in Calicut University Taekwondo Championship 2022-23.
- Anjana Gopinath--Bronze Medalist in Calicut University Taekwondo Championship 2022-23.

FOOTBALL.

Carmel college Football Team members got selected in National Football League and represented famous Football clubs of India and Kerala

- Football-Indian Senior League ---Lekshmi C.Kerala Blasters-(Misakha FC ,Banglore)Reshma E. R , Athulya K.V I-(Lords FA).
- Football Team -Silver Medalists in Calicut University Football Tournament 2022-23
- Carmel Football team represented Basco FC in Kerala Womens Football League matches.
- Carmel Football team became Winners in all Kerala Womens 7s tournament held at Thrissur.

KARATE

- Aisha Noushad -Two Gold medals(Kumithe +21 and Seniors category) in Kerala State karate championship 2022-23 .
- Gayathri Devi-Bronze Medal in Kerala State Championship.



- District championship. a.Aisha Noushad -2Gold Medals. b.Sandra Sibi-Silver medal.
c. Aswathy P.A,Ambika B .Menon,Gayathridevi -Bronze Medalists.

FITNESS ACTIVITIES

Yoga ,Zumba training sessions and Self Defense activities were conducted for the students from Junev 2022in offline mode. General students and Hostel students actively participated under guidance of Dept Physical Education ,Sports Cell and Yoga cell. Dept of physical Education also provided sessions on Zumba,Yoga,Relaxation Therapy, Taekwondo and Karate in offline mode.All the interested stundents were actively participated in those activities .

Regular training sessions for competitive Sports and games also started in the campus from June- 2022 .Inter-Departmental competitions has been started in the month of October in connection with Apocalypse -Sports day 2022-23.Sports day has been conducted on March 10th 2023.Students have participated with true sportsman ship have made it as a memmorable day with vigor and spirit.

