

Newsletter

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St. Thomas College, Kozhencherry

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Affiliated to Mahatma Gandhi University, Kottayam www.stthomascollege.info

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MESSAGE FROM THE MANAGER

This Newsletter for the year 2023-24 comes out at a time of tremendous churning and turning in the higher education sector. Against the backdrop of the central government proposal to do away with the aided-college system by 2028, St. Thomas College, Kozhencherry is fast gearing up itself to attain autonomy. As testimony to its competence to become an autonomous institution, St Thomas College has recently been making significant strides at the University, State, National and International arenas in the field of arts, sports and research. The college has signed an MOU with the Royal Botanical Gardens, Kew (UK). The college also has smoothly adapted to the Four Year UG Programme and I congratulate the entire St, Thomas fraternity on their achievements. The College Management is confident that the faculty, students and other staff of the college will continue to make decisions and put in efforts that will make our college a shining star in the emerging scenario.

As the Manager, I also feel much relieved that St. Thomas College, Kozhencherry has been by and large able to keep itself insulated from the negative tendencies of violence and apathy that have been pervading our education sector of late. Surely, it is the curricular, co-curricular and extra-curricular activities undertaken by the students and staff in and off the campus that have contributed to preventing them from slipping into negatives by instilling energy, enthusiasm, camaraderie and unity among them. Love and mutual respect have been at the bottom of the successful conduct of the various programmes. I am happy that everyone has lived up to the spirit of the Biblical verse, "Be devoted to one another in love. Honour one another above yourselves" (Romans 12: 10). So, as a publication that documents such activities over the period of an academic year, the Newsletter occupies a position of pride in the scheme of things at the college. My best wishes to everyone engaged in the task of bringing out the Newsletter for the year 2023-24.

**Rt. Rev. Dr Joseph Mar Barnabas
Suffragan Metropolitan**



MESSAGE FROM THE PRINCIPAL

The teaching-learning process has undergone a seismic shift in the last two decades, transitioning from the traditional "talk and chalk" methods to an interactive and technology-oriented approach. This transformation has not only redefined teaching strategies but also necessitated a paradigm shift in the skillset of educators. While teaching skills of the past relied on pedagogical techniques without much reliance on technology, the present demands teachers to be adept at using ICT tools, digital publishing, and leveraging artificial intelligence (AI) to enhance learning experiences.

In today's educational landscape, the integration of technology is indispensable. To meet these demands, intensive training programmes must be designed to empower teachers with the required digital skills. A critical challenge lies in understanding and adapting to the evolving behavioural patterns of students. The monotony of conventional classrooms can no longer cater to the curiosity and dynamism of today's learners. Classrooms must be reimaged as activity-oriented workstations, promoting engagement, creativity, and collaboration. Students should no longer be seen as passive recipients of information but as active participants in the knowledge creation process. The vast and unfettered flow of information from digital channels empowers students to contribute meaningfully, making them co-producers of knowledge. Educational institutions should be treated as production centers where knowledge is created, processed, and disseminated. This transformation also calls for a cultural shift in how educators and students interact. A collaborative environment built on mutual respect and shared goals can strengthen institutional capabilities, enabling us to adapt to the changing educational landscape effectively. By embracing technology and treating students as partners, we not only improve the quality of education but also prepare both teachers and learners for the demands of a rapidly evolving world.

Teaching-learning process is an ever-evolving ecosystem that thrives on interaction, technology, and collaboration. Educators must rise to the occasion, adapting to these changes and harnessing their potential to create dynamic, inclusive, and future-ready learning environments. By embracing this transformation, we can strengthen our institution and pave the way for a brighter educational future..

With warm regards.

Dr George K Alex



EDITORIAL

To do things well is not easy. To record well what has been done well is not easy either. Utmost care has been taken to present in this Newsletter the gist of whatever that transpired in the college over the period of the academic year 2023-24 in such a way that one who skims over the pages should not miss the heat and light of the throbbing life in the campus.

As the editor, I submit this Newsletter before you, under the conviction that it will help you recall, retain and re-live the experiences we had in the college. Thanks to everyone who collaborated with me in the making of this compilation.

Dr Vineetha S.
Chief Editor

VISION

To foster academic excellence, moral integrity and social commitment in young men and women

MISSION

To mould intellectually well-trained young men and women by providing conducive academic environment.

To equip the faculty and students to meet the challenges of modern trends in educational field by encouraging research and development.

To provide quality higher education to the rural population in the eastern region of Central Travancore in Kerala.

To impart sound Christian liberal education and to promote holistic development of individuals.

To undertake community related research studies and extension programmes beneficial to the community.



MESSAGE FROM THE IQAC COORDINATOR

What decides the quality of an institution, besides the academic activities in the classrooms, is the quality of the co-curricular and extra-curricular activities in the campus. In the light of this understanding, the Internal Quality Assurance Cell of the college has been keen on arranging activities and programmes of different dimensions. Great team work by the students, teachers and other staff members ensured these activities being performed to perfection. As a publication that documents these success stories in the college, the Newsletter is of prime importance for the IQAC. Congratulations to everyone behind the making of the bulletin.

Mr. Shinu Koshy



Dr George K. Alex (Principal

Dr Vineetha S. (Chief Editor)

Dr. Martiz Kurian (Convenor)





IQAC

The induction programme, **Deeksharambh**, for the First-year Undergraduate Students, which aims to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration, was conducted on 10 July, 2023, at the Silver Jubilee Auditorium. Rev. Dr. Mothy Varkey, Faculty, Mar Thoma Syrian Theological Seminary, Kottayam delivered the Keynote address. In his message, he discussed the role of education in transforming the students. One of our distinguished Alumni, Mr. Vijayakumaran Vijaya Vilasom, Managing Director, Co-operative Urban Bank, Kottayam, was the Guest of Honour.

The Kerala State Higher Education Council (KSHEC) in association with IQAC, St Thomas College, Kozhencherry organized a One-day

District Level Orientation Programme on the Implementation of Four-Year Undergraduate Programme on 1 December, 2023. Prof. Dr. Rajan Gurukkal, Hon. Vice Chairman, KSHEC inaugurated the programme. Prof. Dr. Rajan Varghese, Hon. Member Secretary, KSHEC chaired the meeting. The programme meticulously discussed the challenges and opportunities of the regulatory framework of novel FYUG Programme. The sessions were led by Dr. Shefeeque V., Dr. Sudheendran K., Dr. Uthara Soman, Ms. Tinchu P. James, Dr. Manulal P. Ram. All resource persons were from Kerala State Higher Education Council (KSHEC).

One Million Galaxies- One Day Hands-On Citizen Science Programme was organized by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Kozhencherry in collaboration with Pune Knowledge Cluster on 21 February, 2024 at Dr. Juhanon Mar Thoma Hall. **One Million Galaxies-** aims to connect citizens to the frontiers of current scientific projects and to promote scientific curiosity among the citizens. Prof. Dr. Ajith Khembhavi Emeritus Professor from IUCAA, Pune and Principal Investigator of PKC, the distinguished astrophysicist inaugurated the programme and led the introductory talk on the topic Galaxies- Finding the Features. Dr. Sudhanshu Barway, Associate Professor from the Indian Institute of Astrophysics, Bengaluru led an invited talk on **PKC Citizen Science Project**. Following the informative talks, two expert astrophysicists Dr. Disha Sawant and Mr. Atharva Pathak (team

members of PKC) conducted training sessions for the participants.

As part of the ongoing initiatives by St. Thomas College, Kozhencherry, to enhance educational opportunities for Higher Secondary students, a programme titled **PERSPECTIVA 2024** was conducted on 22 April, 2024, from 10 AM to 3 PM at the college. Dr. Arun Aniyon, Head of Artificial Intelligence, Deep Alert Ltd., London, Alumnus of the college, inaugurated the event and interacted with the students.

A meeting of the retired faculty members and teaching staff was organized under an academic initiative titled **Oppam** (Organize People to Promote Academic Movement), on 13 September 2023 at 10:30 AM in the college auditorium. The meeting was presided by the Manager of the institution Rt Rev Dr Abraham Mar Paulose Episcopa. **Oppam** which means 'together' focuses on bringing together teaching staff, former retired faculty member, students, alumni, and people of the locality to provide support and meaningful feedback for further improving the academic quality of the institution. It seeks to foster academic excellence and quality improvement through community initiatives.

The Annual FDP was organized on April 11-12, 2024, in hybrid mode. Dr. A.S. Sumesh delivered a talk on MGU-FYUGP: Structure and Curriculum Framework. On the second day, Dr. Shafeeq V. (Research Officer, KSHEC) shared the insights on **Outcome based Education**.



POSTGRADUATE AND RESEARCH DEPARTMENT OF ENGLISH

The Department of English observed **World Environment Day** on 5 June 2023 by conducting a **quiz on Literature and Ecology**. The competition held at 1:00 p.m. in the Language Lab was open to all students of the college. A total of thirty students participated in the event, with a number of students from other departments as well. Ms Nila Das and Mr Jins Jose, Research Scholars of the department, served as the quiz masters. The first prize was secured by Keziah Ann Jose (IIMA English) and the second and third prizes were secured by M. Athira Thulasi (IIBA Malayalam) and Akshara Suresh (IIMA English) respectively. The winners received cash prizes which were handed over by the Principal, Dr George K Alex. The inauguration of the activities of the English Association for the academic year 2023-24 was held

on 18 October 2023. Sri. J.S. Anantha Krishnan, (AI Master Trainer, Writer, Musician, Polyglot, Translator, Painter) was the chief guest on the occasion. Following the inaugural address, Sri. Anantha Krishnan took a session on the topic **AI's Brush with Imagination: Transforming Art and Literature**. This session was followed by a hands-on training and workshop at the Language Lab of the Department. . The Research Forum of the Postgraduate and Research Department of English organised an invited talk on **Introduction to Research: Methodology and Formatting** on 24 January 2024. The session was handled by Dr. Deepa Rachel Thomas, Guest Lecturer, School of Letters, Mahatma Gandhi University, Kottayam. The department concluded the activities for the year with the valedictory function.





POSTGRADUATE DEPARTMENT OF MALAYALAM AND SANSKRIT

The formal inauguration of the activities of the Malayalam Department for the academic year 23-24 was held on 23 September 2023. The inauguration was done by the renowned poet M.R Renukumar. He presented a paper on the topic **Poetry and Evolution of Sensibilities**. In connection with the Reading Day Celebration, a one day Seminar was conducted. In the seminar, Dr. Jose Parakkadavil presented a paper on the topic **The Evolution of Reading**. Dr. Sheena Eapen presented a paper on the topic **The Reading Culture of Malayalees and Translation** and Dr.

George K. Alex presented a paper on the topic **Reading in the Cyber Age** on 19 June 2023. In connection with the programme recitation and quiz competitions were conducted for the students.

Under the aegis of Mathru Bhasha Bharana Bhasha Cell and Malayalam Department, **Malayalam Day Celebration and Bharanabhasha Week Celebration** were conducted on 1 November 2023. The inauguration was done by Dr. Roys Mallasserry, former Principal of the college. Many competitions for the students were conducted. The inception of Arnos Pathiri Chair in the Department was held on 13 December. The Chief guest of the occasion was Rv. Dr. Joseph Mar Bernabas, Manager of the College. An MOU was signed by **Velloor Arnos Paathiri Academy** and the Department of Malayalam.

The department in association with the department, of History, Mahatma Gandhi University and Arnos Pathiri Academy conducted a **Two Day National Seminar on the topic Missionaries and Kerala Society** on 13 December 2023 and 14 December 2023. The inauguration of the seminar was

done by Rv. Dr. Joseph Mar Bernabas, Manager of the College.

Paper presentations were done by Dr. Joseph Scaria, Dr. Asha Susan Jacob, Dr. Siby Kurian, Dr. Babu Cherian, Dr. Babu K Varghese, Dr. Shan Yujin, Dr. Alex Mathee, Dr. Shiney Thomas and Dr. Bincy P.J. On 15 December 2023 a discussion was conducted about the book **Janapriyathayude Soundryarekhakal** written by Dr. Johnson Malakhai. The book was introduced by Dr. Athira K. and the keynote address was given by Dr. Joseph Scaria.

Malayalam Department in association with Kerala Government Minority Welfare Department and Youth Welfare Centre Pathanamthitta, conducted a three day **Social Life Wellness Programme**. The programme which was conducted on 9, 10 and 12 February was inaugurated by Dr. George K Alex, Principal of the College. The keynote address was given by Dr. Thomas Daniel, Director Youth Skill Development centre, Pathanamthitta. The classes were led by Dr. Johnson Karoor, Adv. Denny George, Ibil Mathew, Letha P and Sanju Kurian.

NAAC Night



DEPARTMENT OF HINDI

The department of Hindi started off its activities for the academic year 2023-24 with the celebration of the Reading Week in the first week of June. The inauguration of the Association was conducted on 14 September 2023. The Chief Guest was Dr. Mini Varughese, former HoD. She elaborated upon the importance of Hindi and changes that have come about in the academic scenario with the advancement in the field of technology. An **Inter School Elocution Competition** was also conducted and prizes were distributed. As in the previous years, the Department made it a point to celebrate Hindi Week from 14 September to 20 September and various competitions were held. The department celebrated Christmas this year also. In the month of March, the outgoing students were given a formal farewell and course-completion certificates were also given. The valedictory function of the department was held on 12 March and Dr. Mini Varughese was the Chief Guest. In the function, the toppers of the department were honoured. Irrespective of the busy academic schedule, the department found time for co-curricular activities too.





POSTGRADUATE DEPARTMENT OF ECONOMICS

On 5 June 2023, the department conducted a series of competitions including **quiz, essay writing, poem recitation, and seminar presentation** to celebrate Environment Day. As part of the extension programme **Thanal**, the department organized Onam celebration in association with Marthoma Centre for Rehabilitation and Development (MCRD) School, Thalliyoor. A sports kit worth 15,000 was handed over to the students of MCRD School to promote an inclusive approach towards all people. The inauguration of the association was held on August 28, 2023, and Mr. Tom Aditya, Mayor of Bristol City, UK, delivered a lecture on Seventy Five years of independence India-UK Cooperation. Two-day Residential Camp for undergraduate and postgraduate students was organized at Santhigiri Ashram, Aluva, on September 28-29, 2023. The camp included sessions on **emotional wellness, yoga, and holistic life**, led by eminent scholars. **The third Bibi P. Varghese Memorial Meet** and Award Ceremony was held on October 18, 2023. The event was attended by alumni from the 1999-2002 batch, and Bibi P. Varghese Memorial Award was presented to Lekshmi Vishwa, the top scorer in Economics.

An Inter-Collegiate Fest, EPICQUIE 2024 was organized on February 8-9, 2024. The event was inaugurated by the College Principal, Dr. George K Alex, and it included various activities. Prof. Thomas Varkey Memorial Lecture 2023-24 was held on March 14, 2024, and Dr. Ashok Thomas IIM Kozhikode delivered a lecture on **Financial Inclusion, Determinants and Effects: Evidence From Indian States**

The Department of Economics, in association with the Department of Commerce, conducted a **Live Budget Viewing and Discussion** on February 1, 2024. The event was led by Mr. Suresh Mathew George, who provided insightful commentary on the budget. Following the discussion, there was an interactive session where students actively participated and shared their views. The Department of Economics organized monthly lectures for the academic year 2023-2024, and students got engaged with contemporary economic issues through expert lectures. The farewell was held on May 9, 2024, for final year students. In collaboration with the Department of Commerce, a **Certificate Course on Financial Services** was conducted, starting with an orientation on March 2, 2024. The course included an industrial visit and internships.



DEPARTMENT OF HISTORY and POLITICAL SCIENCE

The Department of History and Political Science had an year filled with enriching academic and co-curricular activities, celebrating history, culture, and social issues. On 5 June, 2023, to mark World Environment Day, the Department organized an **Intra-Department Quiz Competition** for DC 2 and DC 3 students. The quiz focused on environmental themes and general awareness. Students from both batches actively participated, showcasing their knowledge on a range of topics related to environment, demonstrating the department's commitment to fostering awareness on global and ecological issues.

To commemorate Independence Day, the History Association held **Identify the Historical Personality Challenge** on 14 August 2023. This event aimed to educate students about historical figures who contributed to India's freedom struggle. Students from various departments participated, testing their knowledge of prominent personalities. The event was coordinated by Dr. Martiz Kurian and Ms. Tania Thomas, and was uploaded on the official YouTube channel of the Department to reach a

broader audience. On 1 October, 2023, in observance of Gandhi Jayanti, The Association organized an **Essay Writing Competition** titled **Commemorating Gandhi**. The competition encouraged undergraduate History students to reflect on Mahatma Gandhi's life, legacy, and principles. This event was an excellent platform for fostering intellectual inquiry into Gandhi's enduring relevance.

The Department also co-organized a National Seminar on **Missionaries and Kerala Society** on December 12-13, 2023. In association with Arnose Pathiri Vidyapeeth. The seminar was inaugurated by Dr. Joseph Mar Barnabas, Suffragan Metropolitan. The event had eleven sessions, featuring invited lectures and discussions, examining the role of missionaries in shaping Kerala's social fabric. Meenakshi Binu, the student of the 2020-23 batch, was felicitated during the inaugural session for securing third rank in the MG University Examination, reflecting the department's academic excellence. These initiatives reflect the Department's ongoing efforts to promote intellectual engagement, historical awareness, and academic excellence among students.





POSTGRADUATE DEPARTMENT OF MATHEMATICS

The **World Environment Day** celebration took place on 5 June 2023, under the Badam tree in front of the Principal's office. The Principal inaugurated the distribution of various saplings by presenting a sapling to Mr. Shinu Koshy, the college's IQAC co-ordinator. The teachers and students took a pledge, reminding themselves of the importance of protecting nature.

The inaugural meeting of the **PG Silver Jubilee Celebration** was organised on 10th August 2023. The Honourable Rt. Rev Dr Abraham Mar Paulos Episcopa inaugurated the meeting. Mr Jathavedan Namboothiri, son of the late Prof. Subramanian Potti, revealed the Silver Jubilee logo. Former teachers of the department were adorned with ponnada by PG Alumni as a mark of respect and gratitude.

The Department of Mathematics successfully organised the **Annual Foundation School in Mathematics**, a 150-hour intensive training program designed for CSIR NET, GATE, & SET in Mathematical Science. The program took place on all Saturdays and public holidays, commencing from November 4th, 2023, until May 31st, 2024.

Prof. T.G. Subramanian Potti Memorial **National Seminar on Partial Differential Equations and Boundary Value Problems: Research Perspective** was held on 5 January, 2024. The seminar began with the inaugural session led by Rt. Rev. Dr. Sabu Malayil Koshy Cherian, Bishop of the CSI Madhya Diocese. The first technical session of the seminar was handled by Dr Sandeep K, Professor, TIFR Centre for Applicable Mathematics, Bengaluru. His talk was on Calculus of Variation and Partial Differential Equations. The second technical session of the seminar was handled by Dr Lakshmi Sankar, Associate Professor, IIT Palakkad. Her talk was on Fourier Series and Boundary Value Problems.

In association with the Career Guidance and Placement Cell, the department organised a three-day **Work Readiness Programme** for the DC2, DC3, and PG1 students. Mrs. Rekha Ninan, Skill Development Executive at ASAP Kerala, served as the resource person for the programme from 23rd January to 25th January 2024. The programme aimed to equip students with knowledge of interview etiquette, presentation skills, resume preparation, group discussions, mock interviews, and overall interview performance.

A seminar on **Mathematics Behind AI Tools: Applications and Opportunities** was organised in honour of National Science Day on 29 February, 2024. The keynote speaker for the seminar was Dr. Anoop Nair, Assistant Professor in the Department of Mathematics at the College of Engineering and Management, Punnappra. The class was on how to build AI tools using mathematical concepts and Python programming.

In association with MathLab Research, Cochin, the department organized a 30-hour hands-on training **Certification programme in Math, Coding, and AI** from 7th May to 11th May 2024. This certification program aimed to equip students with essential skills for successful STEM careers.

The inauguration of the **Mathematics Association 'EVARISTH 2023-24'** was held on 22nd August 2023. Fr. Dr. Joseph Varghese Kureethara, Former Research Director of Christ Deemed-to-be University, Bangalore, inaugurated the programme by lighting the lamp. The theme for the year 2023-24, 'Shine in the Darkness', was unveiled. The chief guest conducted an **orientation class** on '**Meaningful Life**' for the students, during which several students had the opportunity to interact with him and share their feedback. As part of **Onam celebrations**, the association organized '**TRIKONAM 2K23**' on 24th August 2023. Students from the department participated in inter-departmental Athapookalam and Thiruvathirakali competitions, and various games were organized.

The Mathematics Association organised a **two-day residential Camp**, 'CASTRA 2023' Capacity Building & Skill Enhancement, on 6th and 7th October 2023 at Mar Thoma Meadows Camp Centre, Kumily Idukki. The main motto for the Camp was "Sparknext; Ignite Your Potential, Shape Your Future". Mr. Sanju P. Cheriyan, a certified trainer, renowned speaker, counsellor, and mentalist, facilitated the session with a variety of group activities and shared insightful moments from his own life experiences, inspiring everyone to break out of their

comfort zones and strive for extraordinary achievements.

As part of the National Children's Day Celebration, the association conducted 'കണക്കും ചിരിയും' **an extension programme** for the students of MTLP School, Kozhencherry. Students from the first, second, and third classes participated in the programme. Students were divided into groups, and each class in the mathematics department organized various math-related games for them. As part of the **Christmas celebrations**, the Mathematics Association under the aegis of the Empowerment Cell for Differently Abled organised 'ESTRELLA,' a day with Thelliyoor Mar Thoma Center for Rehabilitation and Development (MCRD) Navajyothi School on 19 December 2023 at the Media center.

Interdepartmental competitions 'Quantum Quest' for the students, teachers, and non-teaching staff were held on 14th and 15th February 2024. Sudoku, Rubik's cube solving,

word search, crossword puzzles, and a chess tournament were conducted. Students and teachers from various departments participated in the competitions. In association with Rural Entrepreneurship Development Cell (REDC), the association organised the **Earn While You Learn** programme M-SHINE on 4th March 2024. First-year PG students took the initiative for the manufacturing of lotion, dishwash, and handwash. A stall was put in front of the college administrative block, and the products were sold within the Campus. As part of the **Brain Gym' and Uphill Skills** programme, all students of the department gathered once a week in the DC3 classroom at 1:00 pm. During these sessions, students conducted current affairs quiz and delivered English speeches.

The association organised the Valedictory function and farewell to the final year UG and PG students on 22nd March 2024. Mr. Alexander K Samuel, Former Principal and Head of the Department of Mathematics, engaged with the students during the event. Scholarships and Prizes were distributed to all the winners of various competitions.



POSTGRADUATE DEPARTMENT OF STATISTICS

An invited talk was conducted on **Developing a Future Workforce in the Age of AI Powered Enterprises** by Philip Varughese, Global Head-Applied Intelligence, Platforms and Engineering, DXC Technology, Bangalore on 16 June, 2023. The Farewell programme of 2021-23 batch was conducted on 4 August

23. The farewell message was given by, the Principal Dr. George K. Alex. Onam celebration of the year was conducted on 24 August, 2023. Students participated in the Onapattu competition.

A presentation about the life and contributions of the well known Indian Statistician C.R. Rao was conducted by Adarsh, PG 1 on 15 September, 2023 in the context of his recent death. An English essay writing competition was conducted on 27 September 23. Topics given were **Political Conflicts of International Migration** for Higher Studies and Jobs and Future of 4 year Degree Courses in India. The Association Inauguration was conducted on 6 October, 2023. The Principal in Charge Dr. R.S. Sindhu, HOD of Physical

Education Department inaugurated the function by lighting the lamp. The Chief Guest Sr. Dr. Jisha Varghese, Assistant Professor of Statistics, St. Thomas College, Palai gave a talk on **Relevance of Statistics in the Modern Day World**. Freshers day was conducted on October 23 in the afternoon. Self introduction and a few tasks to explore their skills were conducted.

A Pencil drawing competition was held on 11 November 23 on the topic **Doodle Art about College**. A sudoku challenge was given to students on 24 November 2023 to enrich the concentration and thinking ability of students.





POSTGRADUATE DEPARTMENT OF PHYSICS

As part of World Environment Day Celebration on 5 June, 2023 the faculty members and students of Physics Department planted tree saplings in the premises of Physics Department. The Department of Physics organized an online live watch of Chandrayaan-3 Vikram Lander's soft landing on 23 August 2023 at 2:00PM. The inauguration of the Physics Association was conducted on 4 September 2023. The inauguration was done by Prof. (Dr.) Ison V Vanchipurackal, Principal K.E. College Mannanam. He delivered a talk on **Opportunities and Career Paths in Physics**. In the event of world space week-23, Physics Association organised an invited talk on **Exploring the Moon's Enigmatic South Pole** on 10 October 23. Dr. Rakesh Chandran S. B., Assistant Professor, SD College Alapuzha delivered the lead talk. Dr. Rakesh Chandran started the lecture with the theme **Space and Entrepreneurship**. As part of department extension activities and Christmas celebration, the department arranged an in-house

training for star making from the raw materials available in the market. The stars were given to the adopted village of our college-Kurangumala.

National Science Day Celebrations 2024 was organised by the PG and Research Department of Physics, on 27 February, 2024 and the theme was **Indigenous Technologies for Viksit Bharat**. An expert lecture on the topic **Exploring the Intriguing World of Conducting Polymers** in line with the national science day theme was delivered by the Chief Guest, Dr. Sreekanth J. Varma, Assistant Professor, PG and Research Department of Physics, SD College, Alapuzha. The Department of Physics organized a grand farewell party on 18 March 24. The programme was mainly organized for the outgoing BSc Physics (2021-22 Admissions) and MSc Physics (2022-23 Admissions) batches. The students enthusiastically participated in various cultural activities, games, and shared their experiences. It was followed by Candle Light Ceremony.



POSTGRADUATE and RESEARCH DEPARTMENT OF BOTANY

The association activities were inaugurated by Dr. Thomas P Thomas, Environmental Activist, and Rtd. Associate Professor. This was followed by a keynote address on **Sustainable Environmental Perspectives for a New Kerala**. An interactive session on the topic **Skills for Global Competency - A Student Perspective** was conducted on 13 October 2023 and it was led by Mr. Rijo John, Assistant Professor, Department of English, Catholicate College, Pathanamthitta. The department participated in the Crib Making competition and Christmas Carol Competition organised by the College Union. and bagged second prize for the Crib Making competition. The department organised a MILLET FEST on 8 December 2023 in the College Auditorium. The programme was to celebrate the International Year of Millets 2023 as proposed by the United Nations and Food and Agriculture Organisation. The Millet Fest consisted of the activities like, Awareness Class on Millets -A Superfood, Exhibition of Millets, Sale of Millets, Millet-based food Sale and Model Millet Farm Creation. Model farm was constructed with three types of millets viz., Jowar white, Jowar Red, and Bajra were sown in 12 grow bags.

A seminar on **Native Orchid Conservation and Connecting People with Nature** was conducted on January 29, 2024. The programme aimed to raise an awareness on the importance of native orchids and its conservation. Dr.

Sarasan V. Research Leader, Ecosystem Stewardship, Royal Botanical Garden, Kew, England detailed on the native orchids and the strategies to conserve the orchids.

An **International MoU** was signed with Royal Botanic Garden (UK) for the purpose of conservation and protects of native orchids. **Know the Plant competition** was a culmination of an yearlong practice of PG Final Year students exhibiting one plant in the **Know the Plant** display counter everyday. The students displayed the scientific name, local name and plant family so that every student in the department can view and learn them. The Know the Plant programme and the competition brought about enthusiasm in students to observe nature and to know plants, along with inculcating a scientific inquisitiveness to unravel nature's marvels. Annual agrifest, Vegetos, was conducted in association with ICAR-Krishi Vigyan Kendra, Pathanamthitta on 9 February 2024. The stalls were inaugurated by Dr. George K Alex, Principal of the college. Invited talk on **Career Opportunities** in Botany, was held on 4 March 2024. The resource person for the invited talk was Mr. Alen Alex Philip, Assistant Professor, Department of Botany, Government Victoria College, Palakkad. The valedictory session of the Botany Association was held on 4 March 2024. The manuscript magazine **Chervil** was released by Dr. George K Alex, Principal of the College.





POSTGRADUATE and RESEARCH DEPARTMENT OF ZOOLOGY

The activities of the Zoology Association for the academic year 2023 – 2024 began with its official inauguration on 10 August 2023 by Prof. P. C. John, Retired Professor, Department of Zoology, CMS College, Kottayam and Founder Secretary of Zoological Society of Kerala.

The Zoology Association observed World Environment Day on 5 June 2023 with an intra-departmental poster competition focused on solutions to plastic pollution under the theme **Beat Plastic Pollution campaign**. International Yoga Day was observed on 21 June 2023. An invited talk on **Methodology in Phylogeny: From Basic to Modern** was conducted on 14 August 2023 delivered by Dr. R. Sanil, Associate Professor and Head of Molecular Biodiversity Lab, Government Arts College, Udhagamandalam, Tamil Nadu. The department celebrated Onam on 24 August 2023 and the students participated in the Athapoo competition organized by the College. Teachers' Day was celebrated on 5 September, 2023.

A **seminar on Mental Well-Being** was organized on 14 September

2023. The workshop on **Changing Higher Education and Emerging Opportunities** was held on 21 September 2023. From October 31 to November 4 2023, first-year M.Sc. Zoology students participated in the **skill development training on Beekeeping at ICAR- Krishi Vigyan Kendra, CARD, Thelliyor, Pathanamthitta**. On 22 November 2023, 51 students and faculty members visited the same institution for attending training in Vermiculture. On 7 December 2023 a talk on Mental Health was delivered by Mrs. Jisha Scaria, College Counsellor emphasizing the importance of mental well-being. The Department also participated in the inter-department crib-making and carol competitions as part of the Christmas Day celebration. Under the aegis of the Zoology Association, fish farming units are maintained, and a fish harvest was conducted on 20 January 2024. On 30 January 2024, the department collaborated with the Global Science Festival of Kerala and the Kerala Sastra Sahitya Academy to host a district-level quiz on Evolution. The Valedictory and Farewell function of the Department was held on 15 March 2024. During the event, the Department released Challenger – **the Manuscript Magazine**.



POSTGRADUATE AND RESEARCH DEPARTMENT OF COMMERCE

An Intra-departmental debate competition Eco-lution was conducted in connection with World Environment Day 2023. The department organized a highly engaging and informative Inter Departmental Comprehension Competition in connection with World Environment day on 5 June 2023. **Compre X-Expertise in Comprehension** in connection with the National Reading Day was conducted on 19 June 2023. The Department had organised an Intra-Department Music **Quiz Melophile**, in connection with World Music Day 2023. The objective of the programme was to honour the spirit of music and rejoice in it. The competition was conducted on 21 June, 2023. The Convocation Ceremony of Tally, SAP and CGA Students was conducted on 29 September, 2023. The Department organised a **workshop on SPSS** on

11 July 2023. The department library was upgraded to digital library on 15 January, 2024. The new digital library was inaugurated and dedicated by Rt. Rev. Dr. Joseph Mar Barnabas Suffragan Metropolitan. The digital library was made possible by the generous support of 1968-1971 First B.Com Alumni batch. A new room for Commerce research scholars was also inaugurated by Rt. Rev. Dr. Joseph Mar Barnabas Suffragan Metropolitan on 15 January, 2024. An orientation for online MOOC and SWAYAM Courses was conducted on 31 January, 2024.

The department conducted Seminars on various topics including **Financial Services and Career Opportunities, Career opportunities in Commerce, New Trends in Job Market, Placement opportunities in American Taxation as Enrolled Agent.**





DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education successfully organized the inauguration function for the **Campus Fitness Drive** and **Fit for Career Center** on 11 August 2023. Dr. K.P. Sajilal, Member, Kerala Public Service Commission, along with Shri. Shiyas S, Assistant Commandant of the Kerala Armed Police, honoured the event with their distinguished presence. The Department of Physical Education recently orchestrated the highly anticipated Prof. P. T. Chacko Memorial Ever Rolling Trophy Seven's Football Tournament for college students. Commenced on 25 September 2023, the tournament brought together nine enthusiastic teams from various departments in the field. The tournament witnessed the active participation of nine teams, each representing different departments within the college. Team Life Sciences won the tournament and Team B.com Self were the Runners up of the Tournament.

The Department of Physical Education organized an Inter departmental **Tug of War Tournament** for male and female students of St Thomas College Kozhencherry. The competition started

on 18 August 2023. Fourteen Men's Team and five Women's Team took part in the competition. B.Com Team 1 from the Department of Commerce was the winner of the Men's Competition and B.Com Team 2 was the Runner up. Team Economics from Department of Economics was the Winners of the Women's Competition and Team B.Com was the Runners up. The Department organized M G University Intercollegiate South Zone Chess Championship on 12 and 13 December 2023 in the College Auditorium.

The Department offered a **Certificate Course in First Aid** and Safety Education in collaboration with Muthoot Hospital, Kozhencherry for students. Practical sessions were provided by Muthoot Hospital Emergency Medicine Department doctors. The Department of Physical Education organized a **Seminar on Fundamentals of Fitness for Sculpturing a Healthier Tomorrow** for the first-year students. The seminar was inaugurated by Dr. Manoj T I, Retired Professor and Director of Students' Welfare, Kerala Agriculture University, Mannuthy. The Resource person of the seminar was Dr. Vineed Kumar K, Associate Professor and

Head of Department of Physical Education, Mar Thoma College for Women, Perumbavoor. The Physical Education Department collaborated with the English Department in the Inter House Competitions 2023-24 named INVICTUS 2.0 on 15 February 2024. Our College Team Participated in the MG University Intercollegiate Football, Cricket, Volleyball, Athletics (Men and Women), Taekwondo, Karate (Men and Women), Tug of War (Men and Women), Chess. The College Volleyball Team secured fourth position in the Mahatma Gandhi University South Zone Intercollegiate Volleyball Men's Championship and qualified for the Interzone Championship. The Department of Physical Education organized the **Kozhencherry Gram Panchayath Keralolsavam 2023** Sports and Games in the college ground on 7 October, 2023. Football, Cricket, and Athletic events were conducted. The Department of Physical Education organized the **Elanthoor Block Panchayath Keralolsavam 2023** Sports and Games in college ground from 1 November, 2023 to 4 November, 2023. Football, Cricket, Kabaddi, Athletic events and Chess were conducted.



Education is the most powerful weapon which you can use to change the world.

- Nelson Mandela



POSTGRADUATE DEPARTMENT OF CHEMISTRY

The inauguration of Chemistry Association was conducted on 14 September 2023. Dr. Ajith James Jose (Assistant Professor, Department of Chemistry, St Berchmans (Autonomous College) Changanasserry) delivered a lecture on the subject **Design Your Destiny**.

On the occasion of Ozone Day, the Chemistry Association conducted an awareness programme on September 18, 2023 at Heritage Block. An awareness programme on Ozone Layer Protection was conducted in St Mary's School, Kozhencherry on 19 September 2023.

The department also conducted an outreach programme in MMA Higher secondary School Maramon. On 29 September, 2023, the memorial day of Prof. P. T. Daniel, former faculty and HOD, a memorial lecture was conducted at IQAC Seminar Hall. Dr. Anilkumar Gopinathan, Professor of the School of Chemical Science, Mahatma Gandhi University, delivered a lecture on the topic **Transition Metal Catalysis: Fundamentals and Recent Advances**. The Alumni Meet and the installation of the Solar Plant donated by the alumni of the department was held on 2 December 2023.





NAAC ASSESSMENT AND ACCREDITATION-FOURTH CYCLE

The NAAC Team visited the college on 13 June 2023 and 14 June 2023 in connection with the fourth cycle accreditation. The team consisted of Prof. Mohd. Akber Ali Khan (Chairperson) Prof. Mohd. Yousuf (Member Co-ordinator) Dr. Dhanu Kumar Angadi (Member). The team was formally welcomed by the

manager Rev. Dr. Abraham Mar Poulouse Episcopa. The Gaurd of Honour was given by the NCC Cadets. This was followed by a presentation by the Principal of the college, Dr. George K Alex. Following this, another presentation was made by Mr. Shinu Koshy, IQAC Coordinator of the College. The Team verified all the documents based on the presentations by the principal and IQAC Coordinator. This was followed by the presentations by HoDs of all the departments.

The Team interacted with students, alumni, parents and the office staff. The cultural programmes by the students were organised at the auditorium. The team reviewed all the physical facilities of the college including, Library, Laboratories etc.,

On the next day they interacted with the convenors and coordinators of various cells and committees. In the Exit Meeting, the team shared their observations regarding their visit.

MOOC ON ORGANIC FARMING

MOOC on Organic Farming is an added credit course introduced by the MG University from the academic year 2020-21 onwards for DC 1 students. Its primary focus is

to educate our students in the life-skill of environment-friendly farming techniques by cultivating organic, healthy and nutritious food at home. A total of 342 students from 2021-2024 batch was registered from St. Thomas College, Kozhencherry for this course. Ms. Tania Thomas served as the Coordinator and DC I class teachers served as Department level Mentors for this programme. The students completed two projects, one on organic manure making and the other on organic farming. On the completion of the projects, the students had to appear for an online exam conducted by the University. The students who successfully completed the course received a course certificate from MG University.

NATIONAL CADET CORPS ARMY WING 14 K BN NCC PATHANAMTHITTA



The National Cadet Corps (NCC) in the college epitomizes commitment, discipline, service and hard work to mould the ideal citizens for the nation. The infantry company of NCC functioning in the college with authorize a total strength of 108 cadets including SD and SW cadets. Cadets enrolled were given institutional training and can participate in various adventure activities National level camps annual training camps community development programmes etc.. The NCC company of the college comes under 14 Kerala battalion NCC, Pathanamthitta, Kottayam group, Kerala Lakshadweep directorate under the adept leadership of ANO Lt. Shaju K John. The senior cadets appointed for the 2023-24 tenure were SUO Arjun Pradeep, UO Abhishek S, and UO Gopika DN . In the year 2023-24, first year cadets were enrolled by SM Rajendran on 15 September, 2023. Fortyeight fresh cadets were enrolled in the year 2023. 6 cadets were enrolled for writing C certificate examination and 5 cadets got the open quota selection.

Cdt: **Nandana Krishna** attended **Republic Day Camp of 2024**. Two cadets participated in PRE RDC. Suo: Arjun Pradeep took part in PRE RDC. Cdt: Sneha Binu participated in PRE RDC

2. Cdt. Nivya UV participated in IDSSC. UO Surya Das S participated in TSC IGC. SGT Nivya UV participated in TSC IGC. Cdt Abedh Peter Mathew attended RCTC GWALIOR . Ten cadets attended Army Attachment Camp. UO Abhishek S participated in Army attachment camp 23 MLI, CSM. Aromal KR appeared in Army attachment camp 23 MLI ,SGT Sandra K S attended Army attachment camp 2 Madras Reg; JUO Gopika DN took part in Army attachment camp 11 Madras reg , Cdt Akshay S Nair, , Cdt Anandhu H., Cdt Adharsh R, Cdt Anandhu Omanakuttan and Cdt Mithun M Pillai attended Army Attachment Camp. Four cadets attended EBSB camp. SGT Surya Das S participated in EBSB-1 Kerala, qms Drisya J P took part in EBSB -1 Kerala. Cpl Abhy S participated in EBSB -1 Kerala Cdt Amal Habeebi attended EBSB -1 Kerala. Suo: Arjun Pradeep participated in All India Trekking Expedition Ap Treck 2. Sgt: Liju Varughese David took part in All India Trekking Expedition Kerala Trek-2 . Cdt Sneha Binu Participated In Tamil Nadu Trekking Expedition Camp. Uo Abhishek S. participated In Indian Military Academy Attachment Camp Dehradun .

NCC provided service during the NAAC visit to clean the campus and was all time available for satisfying the urgent needs of the college. The senior cadets gave Guard Of Honour to the Cheif Guest and controlled the whole day activities. Yoga enhances the daily rhythm of the body. The cadets of the institution held **yoga practices** on the **International Yoga Day** and motivated the cadets to do yoga daily to maintain their physical health. The event was held under the supervision of institution ANO Lt. Shaju K John and Physical Education

Department. On Independence Day, the principal of the college Dr. George K Alex hoisted the flag, symbolizing the essence of our freedom. With eloquence and passion, the principal articulated the significance of this historic day, inspiring all to cherish and uphold the values of independence. On NCC Day, the institution was graced by the presence of all NCC cadets. To display unity and purpose the cadets made a collective endeavour to beautify our campus. They got engaged in a profound act of service, diligently cleaning and planting trees, for not only beautifying our surroundings but also for nurturing a sustainable environment for generations to come. On November 26, as a tribute to the brave soldiers who lost their lives in the horrific Mumbai terror attacks, the NCC cadets with the soldiers from Pathanamthitta organized a bike rally starting from the War Memorial and covered the Patthanamthitta Town .

A Disaster Management camp AAPDA MITRA CAMP was conducted to educate students about preparing for, responding to, and recovering from natural or man-made disasters. Along with the Cadets, students from the college also participated in the camp. **The camp included training sessions, and demonstrations on topics such as first aid, emergency communication, evacuation procedures, and disaster preparedness kits.** They aimed at increasing awareness and building resilience in communities to effectively deal with disasters. The principal, Dr. George K. Alex, hoisted the flag in the presence of all NCC cadets.



UNAI-ASPIRE

During the academic year 2023-24, UNAI-ASPIRE focused on the capacity building of students. Training sessions were arranged for students to equip them to find solutions for various social problems. All the programmes aimed to train the youth to work for Sustainable Development Goals.

Students participated in The **Liquid Waste Management Training Programme** conducted by Northamps

Environmental Solutions, Kochi on 11 January. The aim of the programme was to find solutions for waste management in society. To spread the importance of building a healthy community, students were encouraged to celebrate the International Day of Happiness on March 20. Embrace the Happiness Within You was the theme of the celebration. Students were involved in sharing smile, lending help and spreading love among the community to bring laughter in them.

Five students of the club participated in the two day Youth Advocacy Workshop held at Karmasadan, Alappuzha on 18 and 19 April 2024. The objectives of the programme was to create awareness on biodiversity conservation issues and plastic pollution in India and to build their capacity to advocate for actions towards addressing them

AARDRAM: COMMUNITY EXTENSION PROGRAMME

Aardram is the community Extension Program of St Thomas College, Kozhencherry which aims at the complete upliftment of the underdeveloped and neglected communities in the nearby areas.

'ANPU' -KOODEYUNDU ST THOMAS

It is our Extension Programme focussing on the development of different skill-sets in the economically backward students of the college, with a view to uplift them by enhancing their self-earning capacity and self-esteem.

During the academic year financial help was extended to students. The cell also helped a financially backward PG students with her hostel fee and mess fee. Financial help was extended to a heart patient also.

NSS

As part of the Environment Day Celebration, the unit planted new plants in the greenhouse. NSS, also took initiative to construct a Pachathuruthu inside the biodiversity park in the college campus. Pachathuruthu hosts medicinal and fruit plants. NSS volunteers are putting constant efforts to maintain the cleanliness of campus. In connection with NAAC visit in June 2023, a **mega cleanliness drive** was conducted by the NSS volunteers on 3 June. In addition to this, cleaning drives were organized on 27 November and 1 December to clean the campus. National Yoga Day was celebrated on 21 June 2023 by arranging a yoga training under the auspices of NSS, NCC and Physical Education Department. All the NSS volunteers of the college and other students actively

participated in the programme. On 26th June 2023, NSS Volunteers conducted a **Backward Walking Rally** to create awareness on drug abuse and illicit trafficking. The rally took place inside the campus and nearby areas. The volunteers projected banners and placards showing message against drug abuse.

International Youth Day Celebration 2023 was organized in association with Nehru Yuvakendra, Pathanamthitta on 11 August at 2pm in Commerce Seminar Hall. With the partnership of Nehru Yuvakendra, Pathanamthitta, the unit aimed to provide a platform for students to engage in meaningful community service and to bring about positive changes in society. The International Youth Day celebration served as a platform for volunteers to



come together, to share ideas, and inspire one another to make a difference in the world. Youth Day message was given by Mr. Sandeep Krishnan (District Youth Officer, Nehru Yuva Kendra, Pathanamthitta) and NSS activity inauguration was done by Mr. G. Anilkumar Coordinator (District, Nava Keralam Karmapadhathi). Volunteers showcased their talents during the programme.

Independence Day celebration started with flag hoisting by Dr. George K. Alex, Principal of the College. A quiz competition about freedom fighters was held thereafter at Dr. Juhanon Mar Thoma Hall. The celebration helped to instill a sense of national pride and unity among the students.

The NSS volunteers thanked all teachers on Teachers' Day for their hard work and dedication in shaping the future of students. The volunteers met every teacher in person to thank them for sharing knowledge and values, and for their commitment to build a better society.

NSS Day was observed on September 25. NSS flag was hoisted as a symbol of the NSS movement and its commitment in serving the community. NSS volunteers lead the assembly on the day at 9:30 am. Students sang NSS Geetham as prayer to spread the message of harmony. A motivational message was given by the Principal of the college, Dr. George K. Alex. On October 16, 2023, NSS Unit organized a Food Fest named Ambrosia. Food sale and cooking competition were arranged in celebration of World Food Day. The event aimed to raise awareness about the importance of food and nutrition, as well as to promote the culinary talents of the students. Profit from

the food fest was used for Snehaveedu Construction. Along with it another initiative called 'Food Box' was launched on the day by College Treasurer Mr. Abin Thomas Kaithavana. The initiative aims to provide noon meal to the needy students in the campus.

As part of the National Unity Day celebration, NSS volunteers took a pledge to uphold the values of unity, harmony, and brotherhood. The pledge reiterated the importance of working together to strengthen the fabric of our nation and overcome any challenge that come our way. Kerala Piravi was celebrated on November 1. An exhibition showcasing milestones in the history of Keralam since its birth was organized as part of the celebration. In the exhibition, old utensils specific to Kerala tradition were exhibited.

A talk on **Healthy Living** was arranged on 10 November in connection with National Ayurveda Day. Dr. Vinod, District Ayurveda Hospital, Ayroor, interacted with students and staff of the institution. Children's Day 2023 was celebrated at MTLPS, Kozhencherry. A drawing competition was organized for the students to enhance their creativity. The volunteers also gave gifts and sweets to the children, making their day special. The Republic Day celebration organized by the NSS was a grand and patriotic event that brought together students, faculty, and community members. Following the flag hoisting ceremony, special Republic Day celebration was arranged in front of the police aid post at Kozhencherry town.

The Unit hosted District Level One Day Training Programme for NSS Programme officers on 30 November 2023. Dr. E. N.



Sivadasan, NSS Programme Coordinator, M G University inaugurated the session and other officials of University NSS Cell also participated in the programme. An **awareness session** on Solid Waste Management was conducted on 6 November 2023 in association with Nava Keralam Karma Padhathi at Dr. Juhanon Mar Thoma Hall. The session aimed to educate participants on the importance of proper solid waste management practices and how it contributes to a cleaner and healthier environment. Mr. Anilkumar, District Coordinator, Navakeralam Karmapadhathi lead the session and talked about the various methods of waste segregation, collection, transportation, and disposal. Participants were also informed about the harmful effects of improper waste disposal on the environment and human health. They were encouraged to reduce, reuse, and recycle waste to minimize the amount of waste that goes to landfills. In association with Shuchithwa Mission, National Service Scheme took decision to conduct more such awareness classes and campaigns in the future to promote responsible waste management practices and create a cleaner, greener environment for all.

In connection with Legal Literacy week 2023, Adv. George Abraham Pachayil led a legal awareness class on 13 November 2023. The speaker discussed the basic principles of the Indian Judicial System, including the concepts of rule of law, separation of powers, independence of judiciary, and the role of judicial activism in upholding justice. He also highlighted the importance of legal literacy in empowering citizens to access justice and to understand their rights under the law.

Christmas stall named **Hava Nagila** was opened by the unit during 20 and 21 December 2023. Christmas items handcrafted by volunteers were exhibited in the stall for sale. Along with those, cakes from Anchappam charitable trust were also sold through the stall.

A cleaning drive was organized by the National Service Scheme to clean the Private Bus Stand at Kozhencherry town. The bus stand was littered with garbage, plastic waste, and debris, making it unhygienic for both passengers and residents in the area.

As per the direction received from state NSS Cell, the unit was involved in the construction of Sneharamam at Kozhencherry town and Cherukole. The respective Grama Panchayats allotted space for the construction of Sneharamam and volunteers were actively involved in the construction work. Seven volunteers of NSS Unit were selected for Sabarimala duty during the year. They provided necessary guidance to the pilgrims of Sabarimala during 8 to 10 January 2024. They were engaged in organising transportation, medical aid, and food for the pilgrims. Their selfless service ensured that the pilgrims had a safe and comfortable pilgrimage experience at Sabarimala. To create awareness among volunteers about the importance of nature conservation, a nature visit was conducted to the **Mangrove Ecosystem, Sampranikodi** on 10 February 2024.

Government High School, Kozhencherry, was selected as the adopted school by the NSS unit. Various kinds of programmes

were organized in the adopted school during the academic year 2023-24. Vennapra Colony located on the west of college was selected as the adopted colony.

Organic farming was done within the campus. A biodiversity park comprising of medicinal plants, ornaments, sacred plants, fruit trees, vertical garden, a sitting space and a rock painting conveying the message of biodiversity conservation was developed by the NSS unit within the college campus.

The volunteers extended palliative care support to Carmel Agathi Mandiram, Ayroor; MCRD Thelliyoar and District Ayurveda Hospital, Ayroor. A disaster management team was set up and they were sent to SD College, Kanjirappally for the University Level Training Programme on 23 March 2024.

The volunteers donated blood for the patients admitted in various hospitals in and around Kozhencherry and other hospitals in Pathanamthitta district.

NSS unit took leadership to make St Thomas College, Kozhencherry a Green Campus in Pathanamthitta district. To equip students for working better in the field of green initiatives, 10 volunteers were guided to join a certificate course which was held in collaboration with Northamps, Cochin.

District Level Neighbourhood Youth Parliament held at St. Thomas College, Kozhencherry on 7 March 2024 was a significant event that brought together students from various colleges in the district to engage in meaningful discussions, debates, and activities. Inauguration of the youth parliament was done by Ms. Safna Nasiruddin IAS, Sub Collector and RDO, Thiruvalla.

NSS volunteers took part in the **Azad Walkathon** conducted by NSS Azad Sena to create awareness on drug abuse. The event took place in Pathanamthitta town on 19 March 2024.

"ONE OF THE BASIC RULES OF THE UNIVERSE IS THAT
NOTHING IS PERFECT.
PERFECTION SIMPLY DOESN'T EXIST...
WITHOUT IMPERFECTION,
NEITHER YOU NOR I
WOULD EXIST."
-STEPHEN HAWKING





WOMEN'S CELL

The Women's Cell of the College had its inception in 1989, in association with the All India Association for Christian Higher Education (AIACHE). It caters to the needs of the girl students of the college and equips them to face the challenges of society and rise up to the global standards in every field of life. Ample opportunities are provided for the holistic development of the women's community of the college.

As a part of the Kanak project of Govt. of Kerala, the Women and Child Development Department in association with the **Women Cell** of St Thomas College Kozhencherry organized a **Gender Awareness Campaign** on 14 August 2023. The inauguration of women's cell activities was also conducted on the same day. The session was led by Adv. Dileep

The Women Cell arranged a Driving Training Course for the students of the college in association with Sreevas Driving School Kozhencherry. On October 4, 2023, at 11.30 a.m. on the college campus, Mr. Sajimsha B, (Assistant Motor Vehicles Inspector, RTO Enforcement Pathanamthitta), and Mr. Sreelal S., (Assistant Motor Vehicles Inspector, RTO Enforcement Pathanamthitta), formally inaugurated the training course and conducted an **Awareness class on Road Safety**

Legislations and Road Regulations in India. Twenty two girls students were able to register for the class. Nine students have obtained their licences thus far, while the remaining ones are still undergoing training.

For the staff of St. Thomas College Kozhencherry, a **breast cancer awareness** class was held on 17 October 2023 in collaboration with the Muthoot Cancer Centre Kozhencherry. The class was led by Dr. Mini Namboodhiri, the consultant gynaecologist at Muthoot Hospital in Kochencherry.

In collaboration with the Chass Khadhi Gramodyog Vidyalaya in Mallappally, the Women's Cell arranged **skill-development workshops** for teachers and students. On October 30, 2023, The College Manager, Rt Rev Dr. Abraham Mar Paulose, formally inaugurated the programme.

The Extension Programme titled **Tree of Sharing** extended help for the holistic and sustainable development of children and the poor tribal families in colonies of the Perunad Panchayath Ward- 9, Pathamathitta district. The Implementing Agency included **Women's Cell, St Thomas College Kozhencherry**, the Kerala State Women's Development Corporation Ltd and Christian Agency for Rural Development (CARD). In short the Women Cell was active throughout the academic year.





COLLEGE UNION

The official inauguration of the College Union took place on October 17, 2023, at 10:30 AM in the college auditorium under the title 'GHAZA'. The event was graced by Shri Kuripuzha Sreekumar as the Chief Guest, and the inauguration was conducted by the college's non-teaching staff: Smt. Ranjini Raveendran, Smt. Shiny K.K., Smt. Girija K., and Smt. Anju Sumesh. The programme commenced with a performance of folk songs by the **Kuzhali Folklore Team**. On 1 November, 2023, Kerala Piravi Day, a Mega Thiruvathira event was organized at 1:00 PM on the College Basketball Court in collaboration with the Women's Cell. Additionally, a fashion contest titled **Malayali Manga and Kerala Sreeman** was conducted in the College Auditorium. In partnership with the College Arts Club, Best Arts and Sunday Magazine Club, a two-day

Chairperson: Jayasurya J Nair, Vice-Chairperson: Muskan Karim Shaikh, General Secretary: Alwyn Sabu Mathew, University Union Councillors: Abhishek C S, Aparna P Editor of the College Magazine: Jiju Abraham, Arts Club Secretary: Aswin S, Class Representatives: Abhiram R Pilla (DC I), Kevin Chandy Biju (DC II), Manikandan C J (DC III), Sinu K Wilson (PG I), Ram Nandhu Unni (PG II), Lady Representatives: Rija Rachel Juby, Arumdhathy Sajeev

residential camp titled Behind the Stage was held on November 3–4, 2023. The sessions were led by renowned theatre artists Shri Sreejith Poyilkav and Shri Rakesh Palishery. On 14 November, 2023, a seminar titled **Pukayunna Pashchimeshya** was conducted in the College Auditorium. The programme was inaugurated by Dr. Sudheesh Venpala, Administrative Member of the Kerala Language Institute.

The Literary Fest Oppari was successfully conducted from December 11 to 13, 2023, at various venues across the college. A memorial event honouring the late Prof. Kunjaman took place on 14 December, 2023, at 12:45 PM in front of the college auditorium. The memorial address was delivered by Dr. Latha Kumari P.C., Assistant Professor Sanskrit Department. On the same day, the College Union launched the **Snehapoorvam Lunch Box initiative**, providing lunch packets to students in need, through a collaborative effort of teachers and students. The program

was inaugurated by College Principal Dr. George K. Alex at 12:45 PM in front of the auditorium.

On 19 December, 2023, the Union organized **Santa @ Aavanippara**, a Christmas celebration and charity event at Aavanippara Tribal Colony. The event featured cake cutting, distribution of study materials for children, and other festivities. The programme was inaugurated by Aruvappulam Panchayat President, Smt. Reshma Mariam Roy. On December 20, 2023, at 11:00 AM, a talk titled The Democratic Ideas and Thoughts of Dr. B.R. Ambedkar was conducted. The keynote speaker was the renowned Dalit activist and philosopher, **Mr. Sunny M. Kapikkad**. Additionally, audition posters for Kolkali and Vanchippattu were released as part of the preparations for upcoming cultural events. The College Christmas celebration, titled **West Bank** was held on 22 December 2023, reflecting on the Israel-Hamas conflict and promoting an anti-war stance and peace.

An inter-departmental individual debate competition, titled **From the River to the Sea**, was organized by the Union in collaboration with the Sunday Magazine Club on January 12, 2023, in the Dr. Yuhanon Marthoma Hall. The event was judged by Dr. Agney G. K. (Assistant Professor, Department of History, Marthoma College, Thiruvalla) and Mr. Reji Paul (Administrative Superintendent, St. Thomas College,

Kozhencherry). Certificates and trophies were awarded to the winners. The College Day and Union Valedictory Function were held to be held on 21 March, 2024, at 1:30 PM in the College Auditorium. The Chief Guest for the event was Dr. Shajila Bivi S., Syndicate Member of MG University and Principal of Ernakulam Maharaja's College, and the inauguration was conducted by YouTube personality Mr. Akhil NRD.



BIODIVERSITY AND BHOOMITHRA SENA CLUB

A seminar was organized on 6 November 2023 at Dr. Juhanon Mar Thoma Hall, to create an **awareness on the necessity of green initiatives and the building of green campus**. The programme was organized in association with Navakerala Mission, Pathanamthitta District. The sessions were led by Navakerala Mission Pathanamthitta District coordinator Mr. G. Anilkumar and Mr. Sudheesh. Students were oriented well to think and act wisely for a healthier ecosystem.

To facilitate proper waste management within the campus, trained student

members were placed at various waste disposal sites of the campus and teachers and students were given guidance to discard plastic, paper and food waste separately. The campaign was conducted from 4 to 8 December 2023 following green campus awareness seminar conducted on 6 November 2023.

Dr. Mathew Koshy Punnackad, a renowned environmental activist, writer and the former principal of Bishop Moore College, inaugurated the Green Army for Sustainable Future initiative on 22 February 2024 at Dr. Juhanon Mar Thoma Hall.



PTA

The PTA of St Thomas College, Kozhencherry comprises of a committee which includes the Principal as the President, parent members as the Vice President and Joint Secretary; and teachers as the Secretary and Treasurer. The committee also has three members from the parent community and four members from the teaching community. The PTA provided free noon meal to 24 students of our college on a daily basis. The humanitarian practice has

been a part of the PTA activities for over a decade now. These students are given food coupons with which they could avail free lunch from the college canteen. To enhance the academic grit of our students, PTA funded seminars/workshops and association programmes across 15 UG and PG departments of the college. Funds were also allotted towards the maintenance of the computers used by the students in these departments. PTA appointed a staff to clean and monitor the hygiene standards of the student washrooms on a daily basis and also placed water coolers in the campus which are being maintained in the due course of time by the PTA fund.

Toppers in internal and external examinations were awarded with certificates and cash prizes. Students of UG/PG classes, who secured the first and second positions in their

Internals, University Rank Holders, NET qualifiers and University Youth Festival winners, were duly felicitated at The Merit Day conducted on 13 March, 2024 at the College Auditorium. The PTA Committee bid farewell to the retiring teachers– Ms Jyothi Sara Thomas and Ms Lucy Mathew (Dept. of Chemistry) and honoured them with mementos, thanking them for the academic services rendered towards the student community. The College Newsletter, which documents official information about the college, student and faculty achievements and department events were completely funded by the PTA last year. PTA also funded the Multidisciplinary Bi-annual Journal REYONO run by a committee of teachers within the College. PTA has also funded the Career Guidance Cell and UPSC Coaching this year. These Cells give expert training to our students registered with these Cells.

WOMEN'S HOSTEL

The college provides residential facilities for women students. Presently there are two separate hostels for ladies: one for PG students and Research scholars and the other for UG students. The UG hostel has 15 rooms and can accommodate 75 students. PG hostel can accommodate 50 students. The mess is spacious with a dining hall and kitchen. The prayer hall provides a calm atmosphere for students for their meditation. There is a Visitors Room for visitors of the inmates. Training for yoga, meditation, stitching classes & counseling classes are available for the inmates of the hostel.

Sapthathi Choir



ACADEMIC ACCOMPLISHMENTS OF THE FACULTY

POSITIONS HELD

Ms Susan George: Member, Under Graduate Board of Studies, MGU, Kottayam

Ms. Priya Mathews: Member, University Examination Vigilance Squad 2023-2024, MGU, Kottayam.

Mr. Ligin P Mathew: Convenor, IT Sub-Committee, Undergraduate Programmes (Honours) Implementation, MGU, Kottayam

Mr Ligin P Mathew: Member, Scrutiny and Vetting of FYUGP Syllabus Monitoring Committee, MGU, Kottayam.

Dr.Praveen S S: Observer NEET, Pathanamthitta District- National Testing Agency Government of India.

Dr. Prathibha Vasudevan: Expert Committee Member, PG Physics, MGU, Kottayam.

Dr. Prathibha Vasudevan: Member, PG Board of Studies - Physics, MGU, Kottayam.

Dr. Sneha George Pachayil: Member, Board of Studies, Mar Ivanios College (Autonomous) Trivandrum.

Dr. Shinimol A.K.: Evaluator, YIP 5.0 District Level Evaluation at St. Thomas College, Kozhancherry, Pathanamthitta organized by Kerala Startup Mission (KSUM) in association with Kerala Development and Innovation Strategic Council (KDISC)

Dr. Shinimol A.K.: Subject Expert for sanctioning M.Sc. Fishery Science at SAS, Chuttupara, Pathanamthitta.

Dr. Shinimol A.K – Member, P.G. Board of Studies, MG U, Kottayam

Job Liyo: Member, Design and Development of Curriculum for FYUGP, M.G.U, Kottayam.

Dr. Leena Abraham, Member PG Board of studies, MGU, Kottayam

Dr. Anju V. Jalaj: Member, Technical Support Group, Kerala State Biodiversity Board, Pathanamthitta District.

Dr. Jyothis T -: Member, UG Board of Studies, MGU, Kottayam.

PAPERS PUBLISHED IN JOURNALS/ PROCEEDINGS/ PERIODICALS/ CHAPTERS IN BOOKS:

ENGLISH

Arya N, and **Teena Rachel Thomas**. “Zeroing the Hero Image: A Barthesian Rereading of the Malayalam Film Mumbai Police.” Reyono: Journal of Interdisciplinary Studies, vol. 12, no. 1&2, Jan. & July 2023. ISSN - 2277-7652

Juhi Elizabeth Sajan, and **Teena Rachel Thomas**. “Traversing the Landscape of Illness: Analysis of Select Women Autopathographies” Literary Voice, vol. 1, no. 22, Mar. 2024. ISSN 2277-4521, Web of Science Indexed, UGC CARE List group

Alisha Sali, and **Teena Rachel Thomas**. “Debilitating the Impaired: Evaluating the Process of Disabling the Victims in Silenced.” Reyono: Journal of Interdisciplinary Studies, vol. 12, no. 1&2, Jan. & July 2023. ISSN - 2277-7652

Alisha Sali, and **Teena Rachel Thomas**. “Folktales as Counter-Narratives: A Study of Rima Das’ Bulbul Can Sing.” Drishti: the Sight, vol. XII, no. II, Nov. 2023-April 2024. ISSN – 2319-8281, UGC CARE List

MALAYALAM

Dr. Libus Jacob Abraham: Utamashthatha, Adhiaram, Adheesh athwam Chila Bhoovicharangal, Chapter in Harithabham, Paristhithi Vedapatangal, Rev. Dr. V.M Mathew(Editor), Kraisthava Sahitha Samithy, Thiruvalla.

HISTORY AND POLITICAL SCIENCE

Martiz Kurian: “Indian and the Indian Ocean Trade before the European Conquest”, Anveeksha Research Journal of SSKGDC, Prayagraj, Vol.6, Issue I, 2023, ISSN 2581-8163, pp. 37-45.

Martiz Kurian: “Emerging Trends of Research Methods in Social Science, Education and Society”, Vol-III, July, 2023, pp. 175-182. ISSN 2278-6864.

Martiz Kurian: “The Unsung Heroines of Freedom Struggle from Kerala in Baliram Pawar & Bharati K ed., Revolutionary Women’s of India”, Sanskruti Publication, Latur, May, 2024, pp. 5-12, ISBN: 978-81-971439-5-3.

Martiz Kurian: “Human Rights in Constitution of India in Abul Foyes MD, Malik & Chandrabali Das ed., Human Rights and Subaltern Groups” Sun Beam, Guwahati, February 2024, pp.43-52, ISBN: 978-93-93092-83-0.

Martiz Kurian: “Multidisciplinary Approach to the Study of History Through the lens of Natural Science” in Heramb Nayak, Sumita Kukreja & et.al., ed., Innovative Educational Approaches: Charting a Path Ahead, Parab Publications, New Delhi, September, 2023, pp. 59-65, ISBN: 978-81-19585-19-9.

Martiz Kurian: “South Indian Trading Organizations in South East Asia: As Gleaned from Medieval Inscriptions” Sweta Gupta & Nishi Seth, ed., India & Southeast Asia: Historical and Contemporary Relations, Pustak Bharati, Toronto, 2023, pp. 158-169, ISBN: 978-1-989416-83-9.

Tania Thomas, The Lopsided Development of Munnar, Kutap, June 2023, pp 128-137, ISSN No. 2582-5356.

PHYSICS

Aswathy Vijayan, **Praveen S S** and S Sajith Babu, A Case Study on Urban Storm Water Management for Sustainable and Resilient Measures: A Dutch Model- International Book Chapter on Sustainable Environmental Engineering Water Security Energy Conservation and Green process Apple Academy Press Co Published with CRC Taylor & Francis Pages 231-248, 2024 eBook ISBN-9781003506430

Praveen S S , Aswathy Vijayan, Numerical Simulation Studies Of Disasters For Enabling Warning Preparedness And Mitigation- A Case Study, Taylor & Francis , Book Chapter on Sustainability in Energy and Environment Apple Academy Press Co Published with CRC Press (Taylor and Francis) 2024 eBook ISBN-9781003492122 249-271

Praveen S S “Keralam Sradhikenda Malinyasamskarna Prakr- iyakal” - Service Magazine August 2023

Praveen S S “Chandradauthya Thiruseshippukal” - Veekshanam Daily State Edition- September 2023

Praveen S S “Chandrayyan 3 sesham iniyenthu” - Veekshanam Daily State Edition September 2023

Praveen S S “Titan Spodanam Engane”, Janayugam July 15 2023

Praveen S S “Koppiyadi Chinthakal”, Janayugam August 9 2023

Praveen S S “Aadityayude Sooryayathra”, October 2023



Praveen S S “Thudachu neekenda Shayilikall-Parinamapeduthenda Manassukal”-Veekshanam December 2023

Praveen S S “Yathasththika Bodhangalum Parambaragatha Reethikalum”- December 2023

Praveen S S “Titan Sphodanthinte Bhauthikasasthram” December 2023

Praveen S S “ Ningalarinjo, Njangalum Bahirakashathekku”, Veekshanam Daily State Edition February 2 2024

Praveen S S, Chandra Dauthya Thiruseshippukal, Article published in Veekshanam 2023

Praveen S S “ Lal enna Malayali Reference”, Truecopythink webzine May 2024

Praveen S S “ Punarudharanam Nadathenda Election Prakriya” Deepika, May 2024

Praveen S S “ Crickettum Bhauthikasasthravum” The Fourth April 2024

Praveen S S “ Aduthanootandil Sasthram Jayikkum Pakshe Manushyan Tholkillal: April 2024.

Prathibha Vasudevan: et al., Pertinent White Light-Emitting Source Materials Using ZnxCu1 – xO (0.0 ≤ x ≤ 1.0) Nanoparticles: Synthesis, Spectral Investigations And Device Modelling. Journal of Optics March 2024.

MATHEMATICS

Priya Mathews and Lovelymol Sebastian “Hausdorff Distance of Neutrosophic Fuzzy Sets for Medical Diagnosis”, AIP Conference Proceedings 2875 (1), 2023

Priya Mathews and Lovelymol Sebastian “Neutrosophic Fuzzy Score Matrices: A Robust Framework for Advancing Medical Diagnostics”, International Journal of Neutrosophic Science 23 (3), 08-8-17, 2024

Ligin P Mathew: “An introduction to Single Valued Neutrosophic Fuzzy Numbers, Trapezoidal Single Valued Neutrosophic Fuzzy Numbers And Triangular Single Valued Neutrosophic Fuzzy Numbers”. American Institute of Physics Conference Series (Vol. 2875, No. 1, p. 040003).

Ligin P Mathew, Lovelymol Sebastian, and Baiju Thankachan. “Some Operations on Trapezoidal Single Valued Neutrosophic Fuzzy Numbers”. International Journal of Neutrosophic Science, 23 (3), 29-43.

CHEMISTRY

Dickson D Babu, Islam M Abdellah Praveen Naik, Liju Elias, Kavya S Keremane, Dickson D Babu. “Metal Free Organic Dyes for NiO Based Dye Sensitized Solar Cells: Recent Developments and Future Perspectives”. Energy Technology

BOTANY

Leena Abraham (2023) Terrestrial fern diversity and phytosociological studies of two forest ranges of Pathanamthitta district, Kerala Proceedings of International Conference, “Emerging Trends in Plant Science Research” (ISBN: 978-93-5812-96-6-3)

Leena Abraham (2024) Application of Remote Sensing in Natural Resource Assessment”, Chapter 3: Joint Forest Management from Protection Forestry to Production forestry” Elite Publishing House, New Delhi. (ISBN: 978-93-58999-74-7)

Princy Bose and **Leena Abraham** (2024) Morpho-Functional Classification of Freshwater Phytoplanktons of Pathanamthitta District, Kerala (India), Indian Hydrobiology, 23(1) (ISSN 0971-6548)

Lini K. Mathew, “A New Ascomycetes Fungus” (Meliolaceae: Prataprajella) from Kerala, India, TAPROBANICA, ISSN 1800–427X. November, 2023. Vol. 12, No. 02: pp. 104–105, pls. 29–30.

Adheena Elza Johns., “Bioactives and Pharmacology of Psidium guajava in: Phytochemical Composition and Pharmacy of Medicinal Plants” (Vol. 1) Editor: T. Pullaiah (ISBN: 9781774913291, E-Book ISBN: 9781003334873), 2023 pp. 475-485

ZOOLOGY

Sonu Das, Mathew John, Evelyn Maria, Vanditha Mohan, Supriya Adiody and **Jinsu Varghese**,; (2023) “A journey to Unravel the pathophysiology of stable and exacerbated Chronic Obstructive Pulmonary Disease through erythrocyte proteomics: a combined Mass Spectrometry Bioinformatics approach”, Journal of Proteins and Proteomics. 13:1-0.

Thasnimol H and **Jinsu Varghese**, (2023) “Effect of Chlorpyrifos on Histology of Liver, Gills, and Brain of Oreochromis mossambicus”, Journal of Advanced Zoology 44(3), 820–827.

Padinharayil H, **Jinsu Varghese**, Wilson C M, George A., (2024) “Mesenchymal stem cell-derived exosomes: Characteristics and Applications in Disease Pathology and Management”, Life Sciences 342.

Maria E, John M.Das S, Adiody S, **Jinsu Varghese**, Vanditha M, (2024) “Exploring the Novel duo of Reticulocalbin, and Sideroflexin as Future Biomarker Candidates for Exacerbated Chronic Obstructive Pulmonary Disease”, Clinical Proteomics: 21:10.

Alex George, **Jinsu Varghese**, Hafiza P., “Potential of Biotechnology in Cancer Management”, Novel Technologies in Biosystems, Biomedical & Drug Delivery, ISBN 978-98 1-99-5280-9 ISBN 978-981-99 5281-6.

Nithyasree G and **Jinsu Varghese**, Comparative Study on the Histopathology and Heavy Metal Content of Sardinella longiceps and Rastrelliger Kanaguta, Proceedings of 42nd Annual Conference of the Society of Toxicology, India (STOX 2023), Recent Advances and Future Trends in Toxicology 23-25th November 2023, 70-73, ISBN 978-81-95561 3-6-0.

BOOKS AUTHORED / EDITED

Martiz Kurian (Co-Author), The Indian Constitution People, Politics and Government, AGPH, Bhopal, 2023.

INVITED TALKS

Dr. Praveen S S: Physics Association Inauguration and Merit day event, and invited talk on “Science behind Disasters for Prediction, Mitigation and Warning using the concept of Mathematical Modelling” at KG College, Pampady on 12 July 2023.

Dr. Praveen S S: Physics Association Inauguration and Lead Invited Talk on “Titan, Chandrayan, Aditya...A Physics Travelogue “ at St Aloysious College, Edathua on 18 October 2023

Dr. Prathibha Vasudevan: Invited talk and Physics Association inauguration, S.N College, Ala, Chengannur on 3 August 2023. Topic of Talk – “Exploring the Wonders Of Shrinking Light-Based Technology- Nanophotonics”.

Dr. Prathibha Vasudevan: Talk on “Career Prospects of Physics” in Perspectiva 2024- Summer Orientation Programme for Higher Secondary Students organized by IQAC, St. Thomas College, Kozhencherry on 22 April 2024.

Mr Ligin P Mathew :, Mukhamukham - MGU-UGP (Honours) Orientation Programme in Collaboration with MG University Kottayam, Ettumanoorappan College, Ettumanoor. 20 April 2024

Mr Ligin P Mathew : Mukhamukham - MGU-UGP (Honours) Orientation Programme in Collaboration with MG University



Kottayam, at Ayyappa Institute of Management Studies, Peermade, Idukki, 23 April 2024.

Mr Ligin P Mathew : Orientation Programme on MGU-UGP Honours for Higher Secondary School Teachers, at Morning Star Home Science College, Angamali, 30 April 2024.

Mr Ligin P Mathew : Mukhamukham - MGU-UGP (Honours) Orientation Programme in Collaboration with MG University Kottayam, by Government College, Elanthoor, at Pathanamthitta, 03 May 2024

Mr Ligin P Mathew : Orientation Programme on MGU-UGP Honours for Higher Secondary School Teachers, in Collaboration with DCDC, MG University Kottayam, at Sree Sankara College, Kalady, 7 May 2024.

Mr Ligin P Mathew : Mukhamukham - MGU-UGP (Honours) Orientation Programme in Collaboration with MG University Kottayam, at Morning Star Home Science College, Angamali, 7 May 2024,

Mr Ligin P Mathew : Workshop for Faculty on MGU-UGP (HONOURS): Opportunities & Flexibility for Excellence, at Marthoma College, Thiruvalla, 8 May 2024.

FACULTY AS RESOURCE PERSONS

Mr. Job Liyo: “Lineweaver Burke Plot and Enzyme Inhibition Kinetics”, NET Coaching Class: An External Expert Session held at Department of Zoology, K.G. College, Pampady, 5 January 2024.

Mr Ligin P Mathew: Seminar on “Some Digital Tools: Unlocking Productivity and Creativity” St Aloysius College, Edathua , 11 October 2023.

Patent/ Honours /Awards/Achievements of Teachers

MATHEMATICS

Mr. Ligin P Mathew - Convenor of IT Cell MGU and Member of Syllabus and Regulation Formation Committee, FYUGP, Mahatma Gandhi University.

COURSES COMPLETED

Ms.Priya Mathews: Six-months Certificate course on “Python Programming,” G-tec Computer Education, February 2023 to October 2023.

ORIENTATION/REFRESHER/FDP/ WORKSHOPS/SHORT TERM COURSES ATTENDED:

STATISTICS

Abin John : Refresher Course in Information & Communication (ICT) Tools, E-Content Development and Learning Management System(LM S) from 6 November, 23 to 20 November, 23, MMTTC, University of Calicut.

MATHEMATICS

Ms Susan George: FYUGP Syllabus Revision Workshop in Mathematics at CMS College, Kottayam from 27 November 2023 to 01 December 2023.

Ms Susan George : Seven days State Level Online Workshop on “Academic Horizons: The AI Integration” conducted from 08

December 2023 to 15 December 2023.

Ms. Ann Susa Thomas: Inter-Disciplinary two- week Refresher Course in “Managing Online Classes & Co- creating MOOCS” by Teaching Learning Centre Ramanujan College, University of Delhi 5 August 2023 to 19 August 2023.

Mr Thomas Mathew: FYUGP Syllabus Revision Workshop in Mathematics at CMS College, Kottayam from 27 November 2023 to 01 December 2023.

Mr Thomas Mathew: Inter-Disciplinary two- week Refresher Course in “Managing Online Classes & Co-creating MOOCS Teaching Learning Centre Ramanujan College, University of Delhi 7 October 2023 to 21 October 2023.

Mr Thomas Mathew: Inter-Disciplinary two- week Refresher Course in “Vedic Mathematics” Teaching Learning Centre Ramanujan College, University of Delhi, 1 September 2023 to 15 September 2023.

Mr Ligin P. Mathew : Workshop on Implementation of Four Year Undergraduate Programme (FYUGP) by KSHEC, at IMG, Vikas Bhavan, Trivandrum on 18 October 2023.

Mr Ligin P. Mathew : Workshop on K-REAP by KSHEC, at CUSAT on 20 November 2023 to 21 November 2023

Dr. Job Mathai: Four -Week Faculty Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education, Teaching Learning Centre Ramanujan College, University of Delhi, 22 November 2023 to 21 December 2023.

Zoology

Dr. Reena P. George: Two Week UGC-sponsored “Refresher Course in Life Sciences” UGC-HRDC, University of Mumbai, 4 September to 16 September 2023.

Mr. Job Liyo: Two Week UGC-sponsored Refresher Course in Life Sciences (Interdisciplinary), UGC-HRDC, University of Kerala, Thiruvananthapuram, 4 October to 17 October 2023.

Physics

Dr. Prathibha Vasudevan: Online National Workshop “Empowering Faculty with AI Tools: Revolutionizing the Teaching Landscape” organised by Department of Chemistry, in collaboration with IQAC, St. Xavier’s College for Women, Aluva, Kerala on 15 July 2023

Dr. Prathibha Vasudevan: Online workshop on “Artificial Intelligence as a Magical Tool for Teachers and Researchers: Challenges and Opportunities” IQAC, Sacred Heart College (Autonomous), Thevara, Kochi- 13 July 2023 to 20 July 2023.

Dr. Prathibha Vasudevan: 8-day National Online Workshop on “An Academic’s Toolkit: 40+ AI Tools for Teaching & Research” Assumption College , Changanerry and Lore & Ed Research Associates, Kottayam , 19 August 2023 to 26 August 2023.

Dr. Prathibha Vasudevan: Online workshop on “Advanced Artificial Intelligence Tools for Teachers” IGNITE Life Skills Academy & IQAC, S.H College, Thevara, Kochi, 10 September 2023.

Dr. Jijoy P. Mathew : Five Day Faculty Development Programme on MGU UG Honours Syllabus Revision & OBE Training for the College/University Teachers conducted by the College Development Council, Mahatma Gandhi University, 13 November, 2023 to 17 November, 2023.



BOTANY

Dr. Leena Abraham: One week FDP on Four Year UG Programme Botany Curriculum Restructuring Workshop at CMS College, Kottayam, Organised by MG University, Kottayam 13 November 2023 to 17 November 2023.

Dr. Anju V. Jalaj: Refresher Course in Life Science organized by UGC-MMTTC, University of Calicut, 04 December 2023 to 18 December 2023.

Mrs. Adheena Elza Johns: One week FDP on Four Year UG Programme Botany Curriculum Restructuring Workshop at CMS College, Kottayam, Organised by MG University, Kottayam 13 November 2023 to 17 November 2023

Dr. Lini K. Mathew: One Day Field Oriented Taxonomy Workshop on "Floral Insights" Kerala Botanical Society, 18 November 2023.

Dr. Lini K. Mathew: One week FDP on Four Year UG Programme Botany Curriculum Restructuring Workshop at CMS College, Kottayam, Organised by MG University, Kottayam 13 November 2023 to 17 November 2023.

COMMERCE

Ms. Neethu Mariam Ajith: One Week online workshop on Enhancing Research Skills In Social Science And Humanities organised by Department of Commerce, Vellore Institute of Technology 17 June to 23 June 2023

Ms. Neethu Mariam Ajith: Two Day workshop on Systematic Literature Review organised by Research Forum of PG and Research Department of Commerce, SD College Alappuzha on 30 June to 1 July 2023.

Ms. Neethu Mariam Ajith: Two Day workshop on Systematic Literature Review organised by Research Forum of PG and Research Department of Commerce, St Gregorios College Kottarakkara on July 20 to 21 July 2023.

Ms. Neethu Mariam Ajith: Online workshop on Designing Questionnaire organised by PG and Research Department of Commerce, Research Cell & IQAC St Stephens college Uzhavoor on 28 July 2023.

ACHIEVEMENTS BY TEACHERS



Dr. Reena Pappachan George

Asst. Professor, Department of Zoology
Approved as Research Guide in Zoology
by Mahatma Gandhi University.



Dr. Tom Thomas

Associate Professor
Department of English
Approved as Research Guide in English
by Mahatma Gandhi University



Dr. Rejy K Thariyan

Assistant Professor
Department of Commerce

Awarded Doctoral Degree
by Bharathiar University, Coimbatore

ACHIEVEMENTS BY STUDENTS



Jins Jose

Research Scholar English
Film Review 2nd Prize
MG University Youth Festival



Megha M S

English
A Grade Kadha Prasangam
MG University Youth Festival



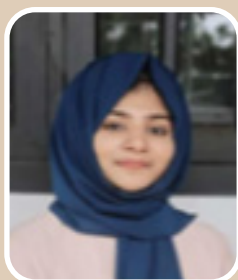
Aaron Aji Thomas

(English)
Stringed Instrument Western
A Grade MG University
Youth Festival



Feba Sabu

(English)
Elocution Malayalam A Grade
MG University Youth Festival



NEHA H
(Chemistry)
Arabic Recitation- First



Devika B S
(Chemistry)
Nadanpattu- A Grade
Malayalam Recitation- A Grade



Abhimanyu S R
(History)
Gold Medal at Kerala State
Amateur Kickboxing Championship



Dhanya Muralidharan
Zoology
A Grade in
Folk Dance



Nandana Krishna
(Zoology)
Participated in Republic Day Parade



Abeel George Alexander
(BBA)
NSS Volunteer
Participated in National Level
Adventure Camp (Himachal)



Surya Das S.
(Zoology)
Participated in Thal Sainik Camp
Intergroup competition
Obstacle Training



Ansu Sara Solomon
Aspire Research Award 2023-24
Kerala Higher Education Council
Government of Kerala
Research Scholar, Department of Physics



Drisya J.P.
(Zoology)
Participated in all India
EBSB Camp
N.C.C K&L Directorate

**Students who Qualified
NET, SET, K-TET, JAM/CLAT/GATE/GMAT/CAT/GRE/TOEFL/ Civil
Services/State Government Examinations**

NET/SET / RANK HOLDERS



Sandra Dinesh
(Zoology)
CSIR-JRF



Aiswarya P. Anil
(Zoology)
ICAR AICE JRF

**Awarded Doctoral Degree
MG University, Kottayam**



Dr. Reebea Sara Koshy
(English)

B.Com Model II Finance and Taxation



Dona Sam
4th Rank



Athira Suresh
10th Rank

B.Sc Botany Model I



Beulah Chacko
5th Rank



Akhila Raj
9th Rank

BA Hindi Language & Literature Model 1



Anjitha P M
8th Rank

B.Sc Computer Science



Pritty Mathai
6th Rank



Lini Thomas
9th Rank

BA English Language & Literature Model 1



Vaishnavi Venugopal
1st Rank

M.Sc Analytical Chemistry



Akhila R Kurup
10th Rank

M.Sc. Zoology



Shiva Sasidharan
2nd Rank
& Recipient of
Chief Minister's Scholarship

M.Sc Statistics with Data Science



Parvathy Anil Nair
2nd Rank



Chinju Dominic
4th Rank



Ajmol P.K
10th Rank

