



News Bulletin

National College



|AUTONOMOUS|

TIRUCHIRAPALLI, TAMIL NADU

NCC cadets should cherish their training, says Union Minister

Young men and women of the National Cadet Corps(NCC) should cherish their training and use the skills they learn to shine in their chosen professions later on, said Ajay Bhatt, Minister of State for Defence and Tourism while addressing a gathering at National College on Thursday (13.04.23). Addressing NCC cadets of National College, the Minister said, "You could be anything you want, but the discipline that you learn in NCC will always be evident in every aspect of your life. It is a privilege to serve as an NCC cadet. You will stand out in any crowd, when in uniform, like the sun shining brightly among stars". The Minister had earlier visited the fourth 'Rozgar Mela' held at the Rail Mahal in the city, to issue appointment orders to recruits of central government services.

At the college programme, Mr. Bhatt urged cadets, especially women, to use their training to actively pursue their dreams. "I am happy to see that Tiruchi has the required number of women NCC cadets, and proud to note that women fighter pilots are also serving on INS Vikrant. NCC has helped immensely to empower women by supporting them in their career choices," he said. Acknowledging the importance of Tamil as an ancient language, Mr. Bhatt, who spoke in Hindi throughout, told the cadets that he was trying to learn it and hoped to address them in Tamil next time. Colonel Sunil Bhatta, Group Commander, Rockfort NCC Group, presented a memento to the Minister. The programme was presided over by principal K. Kumar, senior members of the management and Associate NCC officers(ANO).

"It is a privilege to serve as an NCC cadet. You will stand out in any crowd, when in uniform, like the sun shining brightly among stars".

- Ajay Bhatt



- Shri. Ajay Bhatt
Minister of State for Defence
and Tourism
at National College



From the Office of the Principal



**Dear Reader,
Hearty greetings.**

There were numerous activities in both academics and athletics during the academic year 2022–2023. Our educators and pupils have delivered scholarly papers at seminars and conferences, as well as actively engaged in several workshops and cultural festivals, resulting in numerous accolades. I extend my congratulations to all of them. Due to the college's dual-shift system, the campus was bustling with events all day long. Numerous educators dedicate an entire day at the institution, exerting considerable effort to bolster the college's image and deliver high-quality education to pupils, disregarding any concerns about their workload. The work culture among instructors is progressively improving. I am pleased to observe that the students take the carrier-oriented programs given by the college, which are to be undertaken outside of regular academic hours, seriously. I am confident that the upcoming year will be filled with more significant and meaningful events.

- PRINCIPAL



Dear Reader,

This semester has witnessed a multitude of events, encompassing both academic pursuits and extracurricular engagements. The College Day celebration and the annual sports meet were significant and noteworthy events. I commend all the educators, support staff, and students of our institution for leading numerous initiatives during this semester that have elevated our college to higher levels of success and prestige. Throughout this year, numerous teachers and students have enthusiastically engaged in a wide range of seminars and conferences, thereby earning prestigious recognition for our college. A significant number of research articles were published in both national and international research journals. A multitude of eminent scholars from many disciplines were invited to our campus to deliver speeches to our pupils. I acknowledge that our schedule is filled with numerous events and commitments over the second half of the academic year. I commend the teachers who have selflessly contributed to the advancement of this institution.

- SECRETARY



The 104th College Day of National College, Tiruchirappalli, was held at Dr. V. Krishnamurthy Auditorium, on 20th April 2023. The function began with a warm welcome address by Dr N.S. Prasad, a Committee Member of the College. He then proceeds to honor the chief guest Dr. J. Arawindhan. Dr. K. Kumar, the Principal in charge presented the College Day report which highlighted the achievements of the institution in this academic year. The Chief Guest **Dr J Arawindhan, Founder- of Achariya Group of Educational Institutions and Wow Academy, Puducherry** delivered a thought-provoking address on the topic of Luck and about how knowledge that liberates as true knowledge. He also emphasized how one has to expand one's horizons and take responsibility for one's actions to enjoy one's life. The audience was captivated by his inspiring words and insights. He also distributed prizes for deserving students who excelled in their academic and co-curricular activities. The students and teachers were overjoyed to receive the awards and the parents of the students were proud of their achievements.

Dr R. Elavarasu, Vice Principal, proposed the vote of thanks to conclude the event. He expressed gratitude to all those who had contributed to the success of the function including the management committee, organizing committee, staff and the students. Overall, the College Day was a grand success and it left a lasting impression on all those who attended it. It was an excellent opportunity for the Management, Principal, staff and students to come together and celebrate the achievements of the institution. Everyone

hoped that such events continue to inspire and motivate everyone in the College for its future growth and development of the College.

ENDOWMENT DAY MEETING

Endowment Prizes and Scholarships worth Rs. 3,40,000 with 3 silver medals for 30 endowments were distributed to 73 eligible students in the presence of Shri K. Ragunathan, the Secretary of the College, and the meeting was presided by Dr K. Kumar, Principal of the college. Dr D. Prasana Balaji, the Vice Principal of Unaided Programme welcomed the gathering. Dr. R. Elavarasu Vice Principal felicitated the event. Dr. V. Sri Ramachandran, the coordinator of the event proposed a vote of thanks. The beneficiaries expressed their wholehearted thanks to their benefactors.



ANNUAL SPORTS DAY-2023





Indian Social Science Academy, Allahabad, and Bharathidasan University, Tiruchirappalli, jointly organised the five-day meet with the focal theme "75 Years of Swaraj India" from the 27th of January to the 31st of January 2023. As a part of the programme public lectures were held every evening, followed by dinner. National College was a co-host of the programme. On 29/01/2023, **Shri Maalan Narayanan, writer-cum-journalist-cum-broadcaster**, addressed the academics and the general public on the topic "Role of Journalism in the Independence Movement." He recollected, in particular, the role of print journalism in disseminating the idea of 'one nation' and bringing about the emotional integration of people. This happened at a time when many principalities were ruled by monarchs who were slightly better than tributaries. The newspapers, journals and magazines in vernacular languages very often defied gag orders even at the risk of getting banned by the colonial administration. The English dailies, weeklies and monthlies played a crucial role in shaping the idea of a nation and got involved in debates over issues which had both social and political relevance. He pointed out the role of Kesari, a Marathi newspaper founded by Bal Gangadhar Tilak as early as 1881, Young India founded by Lala Lajpat Rai in 1916 and published by Mahatma Gandhi, The Hindu, an English daily, and Swadesamithran, a Tamil daily that was started by the Indian nationalist G. Subramania Iyer and many more in deciding Indian independence. "Though the nation's literacy level was very low, the reach of the newspapers was

was immeasurable," he said. The talk was followed by cultural events in which the students of National College took part and enthralled the audience with their virtuoso performance. The Vice Chancellor of Bharathidasan University Dr. M. Selvam, university officials, delegates from different parts of the country, scholars and students participated in large numbers. Dr D.E. Benet, Associate Professor of English, coordinated the programme.

In-house Training Programme on How to conduct online Quiz

The IQAC conducted a two-day in-house training programme on "How to conduct online Quiz" on 19/01/2023 and 20/01/2023. The college has decided to introduce online quizzes in lieu of the second assignment as it would help the students to face online exams and other forms of tests online with confidence, including the campus recruitment tests. This practice would also enable socially and economically backward students to keep pace with technology and put to good use their mobile/computer skills. Dr K. Srividhya, Assistant Professor of Mathematics, and Dr Sowriyar Duraisamy, Assistant Professor of Commerce, were the resource persons. They explained how the Google form could be put to good use by every teacher. In a step-by-step method, they showed how editing can be done, how marks can be added and how the tests can be scheduled at a particular time. The teachers found the two-day training programme quite useful.

Faculty Development Programme

A seven-day faculty development programme was conducted between the 5th and the 12th of June 2023 exclusively for teachers both from the aided and the un-aided stream with the title "Exploring Innovation on Personal and Institutional Development"

On the first day (05/06/2023), **Dr K. Alex, Controller of Examinations and Associate Professor of Commerce, St. Joseph's College (Autonomous), Tiruchirappalli** spoke on "Teaching Driven by Purpose: Guarded by Principles." He pointed out that coaches can never perform better than players but players can't play without a coach. He discussed the importance of the SOM rule and WADA Principles. With exciting presentations, he stated that a person without an ego can achieve many more in life. The session was highly interactive.

On the second day (06/06/2023), **Dr. R. Rajendran, Former Principal, of PSG College of Arts and Science (Autonomous), Coimbatore**, addressed the gathering on the title "Drafting Effective Research Grant Proposal." He elucidated the different ways to write a better grant proposal. He also discussed the ingredients of good research. He stressed the paradigm shift in carrying out



research and he also suggested ways to undertake research. He exposed the audience to certain jargon related to research. On the third day (07/06/2023), **Dr N. Rajendran, Former Vice Chancellor of Alagappa University, Karaikudi**, delivered a talk on the topic "Teaching and Research Sine Qua Non of Education". He explained the historical concepts which made the audience to be aware of social issues. He showcased teaching and research as the two



essential components of education which make education complete. Teaching and research are sine qua non of education because they provide students with the knowledge and skills necessary to succeed in their chosen field. He emphasized that teaching provides students with the information they need to learn and grow, while research allows them to explore new ideas.

On the fourth day (08/06/2023), **Dr Jothi Dayanandan, Associate Professor, YMCA College of Physical Education, Chennai**, in her lecture on "Health Issues and Interventions" touched upon many issues related to modern life. Her exuberant speech kept the audience



attentive. She educated the audience on the warning signals of Diabetes and Cancer. She discussed the concepts of fitness involving the cardiorespiratory system, muscular system and skeletal system. The main causes of such diseases are the usage of microwave-oven and the consumption of maida and packaged drinks. She also pointed out the importance of yoga to lead a healthy life. She practically taught different yoga poses to combat the diseases.

On the fifth day (09/06/2023), **Dr Joseph Dorairaj, Professor of English, School of English and Foreign Languages, Gandhigram Rural Institute-Deemed to be university, Dindigul**, spoke on the topic "Interdisciplinarity." He began the session by discussing the



importance of interdisciplinarity in the academic and professional world. He explained that knowledge and skills acquired in one discipline can be applied to another, leading to a better understanding of both. He then discussed the various forms of interdisciplinarity, including cross-disciplinary, multi-disciplinary, and trans-disciplinary. He also discussed how interdisciplinarity can be used to bridge the gap between disciplines and solve complex problems.

On the sixth day (10/06/2023), **Dr J. Karthikeyan, Professor of English & Dean, Career Development, at Sri Venkateshwara College of Engineering and Technology, Chittoor**, delivered his speech on the topic "Brainstorming Young Minds: Technology in Classroom - Digital Footprints." He stressed the importance of incorporating technology in the classroom to support the learning needs of students in the 21st century. He exhibited the power of digital footprints in the classroom. The speaker made the audience ponder not only about research but also about the overall development of an individual.

On the final day (12/06/2023), **Dr T. Senthil Kumar, Superintendent of Police, Railways**, delivered a talk on the "Art of Teaching." He began his speech by emphasizing the importance of the art of teaching which is



very crucial to impart knowledge and values to students. He spoke about the need to create an environment that encourages learning, stimulates curiosity and imagination, and builds self-confidence among the students. He stated that teachers must use a variety of methods to keep the students engaged and help them understand the concepts better. He also insisted on developing a thirst for learning and instilling the habit of reading.

CAREER GUIDANCE AND PLACEMENT CELL

Alumni Engagement Awareness programme

NCT Career Guidance and Placement Cell conducted an Alumni Engagement Awareness programme on the topic: Fly Abroad on 11th January 2023. **Mrs Pradeepa Suresh Nair, State Manager and Mr Murugesh, Business**



Development Executive, Can Approve, Coimbatore acted as resource persons. Prof A. Kodainila, Assistant Professor and Head of the Department of History and Training and Placement officer, National College welcomed the gathering. Dr Kumar, The Principal of National College inaugurated the programme with his Presidential address. Mr Varatharajan, an Alumnus of National College presented the keynote address. The students were informed of abroad career and study opportunities, the admission process, eligibility and the work environment. Miss Raihana Banu of III BA History delivered the vote of thanks. Miss Devadharshini mastered the ceremony. Prof A. Kodainila, Assistant Professor, Department of History and Training and Placement officer, National College organized the programme along with Mr Vartharajan and Mrs Geetha Varatharajan, Australia, illustrious alumnus of National College.

NCT Career Guidance and Placement Cell conducted an Alumni Engagement Awareness programme on the topic: Fly Abroad on 12th January 2023. **Mr K Srinivasan, Managing Director of Chakrath Career Consultants Pvt Ltd, Chennai, Mrs Deepa Srinivasan, Senior Manager, IDP Education, Mr P Naresh Kumar, Executive Manager, IDP Education, Coimbatore** acted as resource persons. Prof A. Kodainila, Assistant Professor and Head, Dept of History and Training and Placement officer, National College welcomed the gathering. Dr Kumar, The Principal of National College inaugurated the programme with his presidential address. Mr Vartharajan, an Alumnus of National College presented the keynote address. Dr Prasanna Balaji, Vice Principal, Physical Education Director presented his valuable address. The students were informed of the Indian Sales career, admission process, eligibility and work environment. Miss Raihana Banu of III BA History delivered the vote of thanks. Miss Devadharshini mastered the ceremony. Prof A. Kodainila, Assistant Professor and Head, Dept of History and Training and Placement officer, National College organized the programme along with Mr Varatharajan and Mrs Geetha Varatharajan, Australia, illustrious alumnus of National College.

Competitive Exam Awareness programme

NCT Career Guidance and Placement Cell conducted a Competitive Exam Awareness programme for UG and PG students on 20th February 2023. Prof A. Kodainila, Assistant Professor and Head, Dept. of History and Training and Placement officer, National College welcomed the gathering. Dr Elavarasu, Vice Principal of National College delivered the presidential address. **Mr Kalaiselvan, Assistant Director, Mr Kalaiselvam, District Employment Officer, Mrs Sharifa Rabia, Junior Employment Officer, Ms Sindhu Srinivasan, Young Professional NCS of District Employment and Training Department** enlightened the students with their valuable addresses on the topic "How to approach Central and State Govt Examinations". Ms Pattuselvi who has recently cleared several govt examinations shared her experience.

Fellowship Awareness programme

NCT Career Guidance and Placement Cell conducted a Fellowship Awareness programme for PG students on 23rd February 2023. Prof. A. Kodainila, Assistant Professor and Head, Dept of History and Training and Placement officer, National College welcomed the gathering. **Mr. Pitchiah, Scientific Officer, Dept. of Atomic Energy, Kalpakkam** delivered his valuable address on the one-year Fellowship programme and job opportunities in DAE, Kalpakkam. Prof. A. Kodainila, Assistant Professor and Head, of the Department of History and Training and Placement officer, National College organized the programme.

DEPARTMENT OF BOTANY

The Postgraduate and Research Department of Botany organized a Botany Association meeting on March 14, 2023. **Dr. J. Vetrivelvi, Technical and Lead Assessor (ISO 17025 Accredited Laboratories), GCC Accreditation Centre (GAC), Riyadh, 11691, Kingdom of Saudi Arabia**, was the chief guest and delivered a special lecture on "Food Safety Management System Opportunities Associated with Life Sciences". In her speech she highlighted the fact that as a food safety management system



professional, one can develop one's skills and knowledge in various aspects of food safety, such as hazard analysis, risk assessment, auditing, compliance, and training. Dr. K. Kumar, principal, and Dr. T.V. Sundar, dean of science, delivered the presidential address. Dr. B. Muthukumar, Head of the Department of Botany, welcomed the chief guest. Dr. C. Muthukumar, Vice President of the Botany Association, introduced the chief guest. Finally, Dr. K. Ramar, Assistant Professor, proposed the vote of thanks. Students from the department were greatly benefited by the lecture.

DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY

Workshop / Training

Hands-on Workshop on Clinical Andrology

A one-day workshop on clinical andrology techniques was organized by the Department of Biotechnology and Microbiology of our College on 21.12.2022. Ms S. Crosswin, Assistant Professor,

coordinated the event as an organizer. **Mr L. Shamsheerali, an alumnus of the department and presently heading the Department of Embryology at lifeline super speciality Hospital, Kochi, Kerala** was the resource person who trained the participants. Students were trained in Semen analysis, Optimal sample handling techniques, and



discussed the implications of different normal and abnormal conditions. Certificates were given at the end of the training.

Hands-On Training Workshop in Bioreactor Operations

On 4th March 2023, a hands-on training workshop was organized by the Department of Biotechnology and Microbiology of our College. The workshop was designed for a small working group to provide individual hands-on training on the Bioreactor, covering the basics of bioreactor operations, design, operation, and control. The workshop included lectures, laboratory demonstrations, and hands-on



exercises that allowed participants to gain a comprehensive understanding of bioreactor operations and the control systems involved. The program provided valuable insights into bioreactor operation and control, and the participants appreciated the opportunity to work with state-of-the-art equipment. The workshop was well-organized, and the faculty members were knowledgeable and experienced, making the program highly informative and useful for all participants. At the end of the program, all participants received participation certificates from the Controller of Examinations of the College, Dr Sridhar. Dr D. Prasanna Balaji, Vice-Principal of our was also present at the valedictory function.

Training program in Mammalian Cell Culture Techniques

The Department of Biotechnology and Microbiology of our College organized a workshop on Mammalian Cell Culture Techniques on 20-21 and 24-25 March 2023. The workshop was organized to provide hands-on training to the participants in cell culture techniques. The program was divided into two batches, with the first batch comprising nine candidates. The program was inaugurated by the principal of the college, Dr K. Kumar, and a lab manual of standardized protocols in the techniques being taught was also released in the inaugural function. Dr. M.S. Mohamed Jaabir, Head of the Department of Biotechnology and Microbiology, along with Dr. D. Vasanth conducted the training program. Dr Vasanth was the convener of the program and had made all the arrangements for the training. The training program focused on the basics of cell culture techniques like media preparation, establishing primary cell culture, and toxicity assay. Students were exposed to the Class 1000 Clean room



facility in which the culture activity was being carried out. The training was conducted in small groups to provide individual attention to the participants. The participants were provided with hands-on training in the techniques, and they were encouraged to ask questions and clarify their doubts. The participants who completed the two days training program will be provided with certificates.

One-Day Workshop on statistical analysis for research publications using MS Excel

The Department of Biotechnology and Microbiology of our College organized a workshop on Statistical Analysis for Research Publications using MS Excel on 24 March 2023. Prof. K. Varuna was the convener and conducted the workshop to provide hands-on training to Research Scholars and PG dissertation students in Statistical tools. The program was divided into three batches, with the first batch comprising eleven candidates. The program was inaugurated by the Research Dean of the college, Dr M. A. Akbarsha, who briefed on the significance of statistics in science. The workshop focused on the elements of statistics including data collection, analysis and representation. Participants were given exclusive training in using MS Excel for preparing Publication-ready graphical representations. The Participants were encouraged with training completion certificates by Vice-Principal Dr Elavarasu. The workshop was conducted in

small groups to provide individual attention to the participants. The participants were provided with real-time data to clarify their doubts. Personalized guidance on data

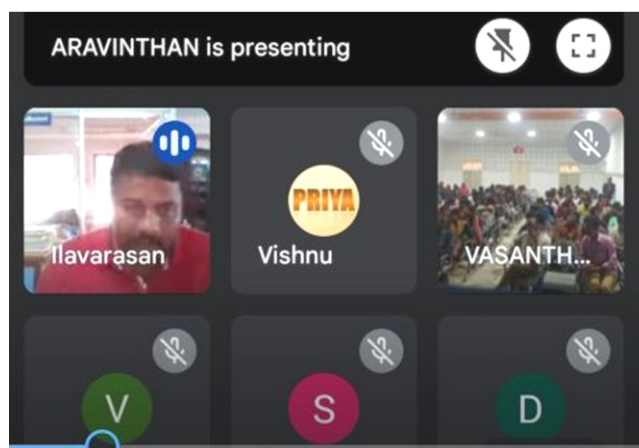


analysis was offered. Program for the second batch was scheduled in the last week of March (for regional participants) and the third batch was set to be held for National and international participants from premier institutes including the Indian Institute for Agricultural Research (IARI), New Delhi, and Indian Institute of Scientific Education and Research (IISER), Pune.

Invited Lectures

Cattle Farming and Dairy Production

The Department of Biotechnology and Microbiology conducted a special lecture "Cattle Farming and Dairy Production" on 09/02/2023 organized by Dr M.Veerapagu, Assistant Professor, Department of Biotechnology and Microbiology of our College. **Dr S.Ilavarasan, PGDEVP, Assistant Professor, TANUVAS RREC, Pudukkotai**, was the resource person for this event. Dr. M.S. Mohamed Jaabir, Associate Professor, and Head of the Department delivered the Presidential address. During the lecture, Dr.S.Ilavarasan briefly explained how to improve the milking capacity of indigenous cows, and exotic breeds. He also presented the housing of cattle and buffaloes and different types of building units required for dairy farms. The main building units may include a milking barn, down calver shed, calf pen, heifer shed, dry animal shed, bull shed isolation shed, and quarantine shed. The students learned and understood about different types of milking barns like single-row systems, double-row systems, head-to-head or face-to-face, tail to-



tail systems. In addition, the chief guest also delivered the feeding management of cattle including energy sources cereals, millets, oil seeds, protein sources, mineral and vitamin supplements, and additives which are commonly used in cattle farming. After his lecture, the students interacted and asked questions about cattle farming and he elaborated and explained them to understand. Students from B.Sc Microbiology, final year B.Sc Biotechnology and M.Sc Microbiology participated and get benefited. Dr. T.Rajarajan, Assistant Professor, Department of Biotechnology and Microbiology delivered the vote of thanks at the end of the session.

Green House Technology for Agro-Based Career Development

A special class lecture was organized by Dr K. Arun, Assistant Professor, Department of Biotechnology and Microbiology of our College on "Greenhouse Technology" on March 1, 2023. **Mr R. Saravanan, Founder & CEO of Kumaran Agro Farms, Trichy**, was the resource person for this event. Dr. M. S. Mohamed Jaabir, Associate Professor, and Head of the Department of Biotechnology and Microbiology delivered the Presidential address. G. Yogeshwaran, a III BSc student, presented a memento as a token of appreciation to the speaker. During the lecture, Mr Saravanan discussed modern technologies in agriculture and their crucial role in food production. He explained the different types of greenhouse technology used in various parts of the country, including polyhouse technology, its benefits, and how it works. The presentation was engaging, and the students were fascinated as they were shown Polyhouse, greenhouse, and Glasshouse. They were surprised to learn that only 2 litres of water are required for 1000 plants in a poly house



irrigation system, which is significantly less than what is needed in conventional irrigation methods. The students also learned about applying fertilizers in the drip method and the collection of zero salt water during the rainy season. In addition, Mr Saravanan briefed the students on government subsidy schemes for poly houses and greenhouses. The lecture concluded with a query session, during which students asked questions related to the topic, and Mr Saravanan provided detailed answers, elaborating on related topics. Final year BSc Biotechnology and I MSc Biotechnology students attended the session and benefited from it. The lecture was an eye-opener for many, and the students gained

valuable knowledge about greenhouse technology and its uses. Dr K. Arun delivered the vote of thanks at the end of the session.

Stored grains: Microbial contamination & Management: Online expert talk

Stored grains: Microbial contamination and Management. An expert talk was organized on 10/3/23 with a focus on food microbiology. **Dr Mamatha, Sr. Scientist, CFTRI- CSIR** delivered a lecture explaining how food can become contaminated during slaughtering, harvesting and storing. She also elaborated on how microbes affect the grains during storage and the preventive measures. This program was organized by Ms Mariam Sheba.

Global Carrier opportunities and Challenges in Clinical Research

M.S. Mohamed Jaabir, Prof. and Head, Department of Biotechnology and Microbiology organized an invited lecture on "Global Carrier Opportunities and Challenges in Clinical Research" on 03.04.2023. **Mr Anandapadmanabhan, the Managing Director of Consortium Clinical Research Pvt. Ltd** was the chief guest of this program. He explains in detail the overall management of Consortium



Clinical Research, a company that specializes in Clinical Research Project Management, Sites (Hospital) Development & Management, Consulting, Training, and Recruitment. Consortium Clinical Research and he exposed the opportunities in the field of clinical research because he has signed up agreements with about 30 hospitals across India for executing and managing clinical research projects. Finally, he concluded that a global team in clinical research needed a skilled person to handle domestic and international clinical research projects across all therapeutic areas, including medicines & vaccines for SARS Covid 19.

Awareness program

In pursuit of science

As a third instalment of the Alumni Connect Series by the Department of Biotechnology and Microbiology, Prof. K. Varuna organized an Alumni talk, In Pursuit of Science on 28/01/2023. Mr Adarsh Subramanian (2017 -20 UG Biotech) currently a JRF at India's one of the premier research Institutes, Translational Health Sciences and Technology

Institute (THSTI), New Delhi, addressed the students of Biotechnology and Microbiology on the opportunities for Higher studies and Internships at various central Institutes including NCCS, ICMR, CCMB, RGCB etc., The talk was highly informative and fruitful for the sophomore students especially.

Myth busters of Broiler Chicken and Eggs

The Department of Biotechnology and Microbiology of our College organized an expert talk cum awareness program on "Mythbusters of Broiler Chicken and Eggs", on 3/2/2023 at Library Resource Centre, NCT to sensitize the students and public about the myths and misbelieves about the topic. The event was felicitated by Dr. D. Prasanna Balaji, Vice-Principal, NCT in the presence of **Dr. M. Babu, Director of Research (Retd), Animal Science, TANUVAS, Chennai, Mr. John Kennedy, Treasurer, Tamil Nadu Chicken Traders Federation** and Dr. M.S. Mohamed Jaabir, Head of the Department. Dr. M. Babu delivered the keynote address embracing various aspects of broiler chicken and



eggs including details of rearing methods, feed additives, nutritional values and health benefits. Further, he added scientific notes on the period of broiler chicken growth, and cost-effectiveness and advocated the advantages of broiler chicken and eggs. In addition, he interacted with the students and scientifically clarified all the myths and misbelieves that persist among the common man about the consumption of broiler chicken and eggs.

BIOFEST 2023: An Interdepartmental Extravaganza

The Department of Biotechnology and Microbiology at our College organized Biofest 2023, a much-awaited event in the college calendar since 2013. Biofest provides students from different institutions a platform to showcase their talents and have fun. This year, Biofest opened its doors to college students to experience the thrill of participating in over 17 events ranging from paper art, rangoli, mime, memes, photography, quiz, videography, adzap, music, and more.

The Biofest-2023 event began with an inaugural lecture by **Prof. Lakshmanan, (Retd.) from the Department of Physics, Bharathidasan University, Trichy**, in commemoration of National Science Day being

observed on 28 February. The Principal of the College, Dr K. Kumar, Dr M.A. Akbarsha, Research Coordinator, Dr D. Vasanth, Biofest convener, and Dr M.S. Mohamed Jaabir, Prof. and Head, Department of Biotechnology and Microbiology were present at the inaugural function. The events were coordinated in parallel sessions in various parts of the campus to manage time efficiently. Over 420 students from various departments participated and enjoyed competing with each other with their skills and talents. Faculty members from various departments served as the 'jury' and helped the event organizers in arriving at the winning positions. The organizers thanked the jury with a memento. The day culminated in the evening with a prize distribution ceremony, where winners from each event were awarded prizes. The students of Biotechnology and Microbiology exhibited their entrepreneurial skills through sales counters where they displayed their products. Eateries, handicrafts and artworks were present among the stalls. Students and faculty members in the college extended their support and also made use of the opportunity in buying unusual and tasting some extraordinary dishes.

The Valedictory function showcased a few programs presented by the students of Biotechnology and Microbiology to entertain the audience. Mr. Akshay, a student of MA English mesmerized everyone with his magic. By accumulating scores in individual events, the overall winner and runners were announced. **Dr T. Sridhar, Controller of Examinations, of our College**, was the chief guest. Vice-Principal Dr Prasanna Balaji and Principal Dr K. Kumar



distributed the prizes and announced the overall winners and runners of Biofest-2023. The Department of English were the runner, and the Department of Computer Applications emerged as the winner. Student participants and the faculty members in Computer Applications are on stage receiving the Overall Trophy and the Cash Prize of Rs. 5000/-, from the Controller of Examinations. Prof. Miriam Sheba, Department of Biotechnology and Microbiology thanked everyone for making the event a grand success.

The participating students expressed their happiness and thanked the organizers for making their day a memorable one on campus. The organizers thanked College Secretary and Principal for having been a great support in organizing this event. Overall, Biofest-2023 was a grand success, and the students look forward to participating in future events.

Industrial/Field Visits

Sankar Biotech-Hosur

Sankar Biotech is one of the leading manufacturers of a wide range of Tissue Culture Plants such as Banana, Guava Plants, Syngonium Plant, etc., located in Hosur, Tamilnadu. Mr. Keerthibooshan and Mr. Viswanathan (III BSc-Biotechnology) visited the Tissue Culture company along with Dr. K. Arun on 19/12/2022. This Industrial visit was very helpful to our students, bringing a positive change in their thinking & practical behaviour regarding education and learning the technical skills which lead to work in the plant tissue culture, and company and got practical knowledge about the advancement in technologies used to produce a large number of cloned plantlets within a short duration.



Industrial Visit- CSIR- Central Leather Research Institute - Chennai

On 30th March 2023 at the Council of Scientific & Industrial Research (CSIR)-Central Leather Research Institute, Government of India, Adyar, Chennai an industrial visit started with a brief presentation at CLRI about the campus and global opportunities for Microbiology students & various other aspects in India as well as abroad, which was delivered by the research team at CLRI, Chennai.

National Centre for Sustainable Coastal Management (NCSCM), Ministry of Environment, Forest and Climate Change, Government of India, Anna University,



Chennai. Dr. Robin, Scientist- C coordinated the visit at NCSCM. Students and faculty members got the opportunity to visit 16 laboratory facilities including as Marine Microbiology Lab, Marine Biotechnology Lab, Marine Plankton Imaging Lab, Coastal Tropical Ecology Lab, Marine Litter Research Lab, Coastal Biomonitoring Facility, Climate Change Research Facility, Beach Monitoring Lab, Environmental Radiochemistry Lab, Persistent Organic Pollutant Research

Lab and Air Quality Monitoring Lab. The research team clearly explained the operating methods of all the instruments and their applications.

Visit to Pichavaram mangrove forest

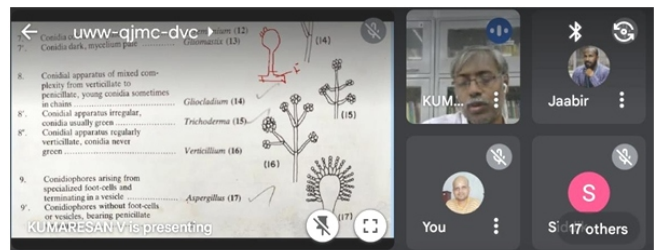
The main objectives of this field visit are to expose trip cum on marine microbial sampling and mangrove ecosystem in CAS in Marine Biology, Annamalai University, Pichavaram. Power lecture delivered by Prof. Dr K. Kathiresan



(specialized in Mangrove research) and Dr K. Sivakumar (specialized in Marine Actinobacterial research), the student was involved in marine sample collection. Mangrove leaves were sampled for the isolation of endophytic bacteria and fungi. Mangrove seeds were also collected for seed germination studies.

Expert talk

Expert talk is launched to give in-depth exposure to master students of the department by the subject experts. One of the objectives of the expert lecture is to expand the master students' understanding of a specific subject while also fostering the growth of their research and entrepreneurial abilities. First expert talk on "Isolation and identification of manglicolous endophytic fungi" delivered by a renowned mycologist **Dr. V. Kumaresan, Professor, Kanchi Mamunivar Government Institute for PG Studies and Research, Puducherry**. He has over 27 years of experience in mycology, and he holds a post-doctoral degree from Indian Institute of Science.



The event started with an introduction to endophytes and slowly dived in depth into identification aspects. The lab results of Mr. Nizamudeen, I M. Sc. Students was used as an example to describe Aspergillus spp. Identification by the expert.

DEPARTMENT OF CHEMISTRY

A two-day Science Academies Lecture Workshop on New Developments in Chemistry

A two-day Science Academies Lecture Workshop on 'NEW DEVELOPMENTS IN CHEMISTRY' was held on 24.02.2023. The lighting of the lamp by the guests took place followed by invocation to God almighty. Dr Sunitha.S. Deputy Head of the Chemistry Department, of our College welcomed the August gathering. The convenor of the lecture workshop Professor S. Natarajan briefed about the importance of the workshop. He informed everyone that the three academies, the Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, and The Indian National Academy of Sciences of India, Prayagraj, decided to join hands to start programmes to popularise and motivate students towards research. He said that the lecture workshop spans all disciplines. The three academies aimed to identify eminent speakers to relate to what the students study and research. They explained how to relate the knowledge gained in the classroom to the laboratory. After a gap of two years due to the pandemic, they have again resumed in 2023. They identify colleges with rural backgrounds. The speakers are chosen in any discipline. Every speaker will display their email address which the participants can use for clarifications if any. The speakers are meant essentially to create enthusiasm. The participants may get their doubts cleared in their mother tongue too. It is restricted to 50 participants because the smaller the number, the greater the interaction. He congratulated the college for the efforts taken to organize this lecture workshop. But in National College, there was an overwhelming response from 300 participants. Many are



aware of the Summer Research Fellowship Programme which started in 1998-1999. The idea is to attract students who have performed very well in B.Sc. and M.Sc. The preference is given to rural colleges and the selected students will get a chance to travel to IIT, IISc, NIT, Central Universities etc. He urged students to apply online by referring to the website. He also said that this programme is available to teachers too. The academy is ready to have more teachers. He thanked profusely Dr M. Murali, Associate Professor of the Department of Chemistry, the organiser for organising this. Dr Indira, Associate Professor, Department of Chemistry introduced the Chief Guest **Professor M. Lakshmanan**.

This was followed by the Chief Guest's inaugural address. In the inaugural address, he said how and when the three academies began. The aims and objectives of all the academies are the same, i.e., to promote science and technology, organise meetings and publish papers. He explained how Chemistry can explain phenomena studied by Botanists, Geologists, pharmacologists, forensic experts and nanochemists. He advised the participants to ask questions even during free time like a lunch break or send emails to invited speakers to get their doubts clarified. This kind of workshop is more conducive to research than ever. There are several opportunities for doctoral and post-doctoral work. He advised the students to grab the opportunity, particularly the women scientists. Women scientists who experience a break in their research work may make use of such fellowships called power fellowships. The convenor Prof. S. Natarajan proposed a vote of thanks.

The invited speaker Professor **M. Palaniandavar, FAsc., FNA., Bharathidasan University, Tiruchirappalli**, gave a talk on the topic "BIOMOLECULAR DEVICES FOR DIOXYGEN ACTIVATION: SYNTHETIC ANALOGUES". He



explained how proteins help in photosynthesis. Dioxygen is used to oxidize organic compounds. For instance, the C-H bond in methane can be oxidized by dioxygen resulting in the formation of methanol which can be used as fuel. But dioxygen is inactive. So, it is activated by metal ions like copper (II) ions. He also explained the functions of metallic biomolecules. He also explained protein folding. He also explained the structure and functions of metalloenzymes.

The next lecture was given by **Professor S. Natarajan, Indian Institute of Science, Bangalore**. The topic was WHITE LIGHT EMISSION IN MOFs. He started with



he definition of emission and emission spectrum and explained the processes taking place during phosphorescence. He explained how lanthanides are useful in the antenna effect. He also informed the importance of LED lights. They have excellent lifetime and energy saving. He explained everything slowly and clearly.

In the post-lunch session, an interesting lecture on the topic CLICK CHEMISTRY AND ITS APPLICATIONS-NOBEL PRIZE WINNING TOPIC 2022 was delivered by **Professor S. Muthusamy of Bharathidasan University, Tiruchirapalli**. Any reaction that can produce conjugate molecules efficiently from smaller units under simpler reaction conditions is considered to be a click reaction. The concept of click chemistry was first introduced by Prof.



Sharpless in 1998 at the Scripps Research Institute, USA. It is a collection of such reactions that has evolved as an efficient tool for ligation which gained quick acceptance in biotechnology, material, polymer science and medicinal chemistry. He explained the characteristics of click reactions. He explained in detail the conditions for the click process. They are simple reaction conditions, use of readily available starting materials and reagents, solventless reactions or use of a solvent that is easily removed preferably water, simple product isolation by non-chromatographic methods like crystallisation or distillation, and high atom economy.

The next lecture was delivered by **Professor S. Natarajan** on the topic of HETEROGENOUS CATALYSIS WITH MOFS AND DERIVED COMPOUNDS. He explained how metal-organic framework (MOF) can be used in the chemical fixation of CO₂ using MOF. Porphyrin units are connected through unusual binding of the nitrate forming a 1D structure cross-linked by 1,4- BDC forming a 2D structure. Zn-porphyrin MOFs can be ion-exchanged with Cu²⁺ ions giving rise to Cu-porphyrin MOFs. The metal exchange is a post-synthetic treatment of the prepared compound. It is useful to prepare useful new compounds. To conclude, MOF compounds are prepared using new ligands. Post-synthetic modifications are useful to form compounds that are difficult to prepare and are found to be good for catalysis. MOFs give rise to T.M. supported carbon which is a good heterogeneous catalyst. Both Lewis acidic and basic functionalities can be accommodated in the same MOF, which is useful for Tandem catalysis and also for two different

catalytic reactions, rare earth elements are good catalytic centres toward the formation of O-arylation products.

On the second day, **Prof. M. Palaniandavar** delivered a lecture on METAL-NUCELIC ACID INTERACTIONS. He spoke on conformational heterogeneity in DNA. He also reminded the participants about what they read in newspapers about 3 years ago. i.e., the work of Emmanuelle Charpentier and Jennifer A. Doudna on genome editing which fetched them the Nobel Prize in chemistry in the year 2020. It is called CRISPR/Cas 9 gene editing which allows scientists to precisely cut any strand of DNA they wish. He explained about the work of the Priestly medallist Peter B. Dervan. He had discovered ways of recognising specific DNA sequences both in the minor and major grooves. He also explained how synthetic iron (II) complexes can cleave DNA at specific sites. He discussed the interaction of Bis(phen)Cu (II) complexes with DNA. He explained that the electron paramagnetic spectroscopic tool (EPR) can tell at what angle Cu (II) binds with DNA. DNA studies on fossils of human beings can provide information about the language spoken by the human being, what he/she thought just before death and so on. He also threw light upon the DNA binding of metal-based anticancer drugs.

The next lecture was given by **Dr V. Subramanian, FASc., FNAsc., Indian Institute of Technology, Chennai** on the topic CHARACTERIZATION OF NON-COVALENT INTERACTIONS USING BADERS ANALYSIS. The convenor Prof. S. Natarajan introduced him. In his lecture, Prof. V. Subramanian explained in detail about supramolecular chemistry and how non-covalent interactions are involved in the formation of macromolecules. He explained the dispersion interactions taking place between several benzene molecules. He reminded everyone about Coulomb's law of



attraction which they had learnt in their school physics class. He also defined the familiar term hydrogen bonding and also discussed critical points. A video on self-assembly of molecules was displayed which made it very interesting. He also explained how Gauss View 5 software may be used to understand and interpret vibrational spectra of molecules like H₂O, CH₄, and CO₂, as also the Density Functional Theory (DFT) calculation to interpret NMR spectra. In short, he discussed Born-Oppenheimer approximation, Hartree-Fock approximation, Ab-initio methods, Density Functional Theory, Semiempirical methods and Empirical methods.

In the post-lunch session, **Prof. S. Muthusamy, of Bharathidasan University, Tiruchirapalli** delivered a lecture on the topic CHEMISTRY OF 3-DIAZOOXINDOLES TOWARDS NEW REACTIONS AND MOLECULES. He explained how azomethine ylides and onium ylides are useful in organic synthesis. He also explained insertion and cyclopropanation reactions, such as green chemistry reactions, synthesis of macrocycles, chemistry of propargyl alcohols, syntheses of spiro-indoloheterocycles, etc. In the valedictory function, the participants from various colleges gave their feedback. This was followed by the distribution of certificates to all the participants. The coordinator Dr. M. Murali, Associate Professor thanked everyone profusely.

Association meetings

The Chemistry Association meeting was organized on January 18, 2023. The principal of the college, Dr. K. Kumar, presided over the function. The Head of the Department, Dr. K. Vivekanandan, honored the chief guest with a shawl and book. Ms. M. B. Srikaamakshi of III B.Sc. welcomed the gathering. The chief guest **Dr. Ramesh Rasappan, Indian Institute of Science Education and Research, Thiruvananthapuram, Kerala**, was introduced by Dr. S. Muhamad Rafiq, Vice President, Chemistry Association.

The chief guest spoke on "Advanced Organic Synthesis in Real-Life Applications ". He elaborated on the importance of advanced organic synthesis in real-life applications. In his presentation, he explained various opportunities available at the Indian Institute of Science Education and Research (IISER) and methods to grab them. Ms. P. Geetha, of III B.Sc., Chemistry, proposed the vote of thanks.

The Chemistry Association, jointly with the Department of Zoology and Physics Association, conducted a special lecture by **Dr. N. Ramanathan, Scientific Officer, Indira Gandhi Centre for Atomic Research, Kalpakkam**, on January 7, 2023. The principal of the college, Dr. K. Kumar,



presided over the function. The heads of the departments, Dr. K. Vivekanandan, Dr. Gokula, and Dr. Paari, and the association vice presidents, Dr. R. Ramasamy, Dr. S. Muhamad Rafiq, and Dr. Kandasamy, were present on the dais. Dr. K. Vivekanandan honored the chief guest with a shawl



and memento. The chief guest delivered the lecture on "All the Roads Lead to Science: The Magic of Science and Magicians and Opportunities in the Department of Atomic Energy". In his speech, the chief guest explained to the students that ample prospects are available for pursuing innovative research in physics, chemistry, geology, geophysics, engineering, and biosciences at BARC and other DAE units.

Industrial visits-cum-educational tour

The II M.Sc. students visited the Institute of Chemical Technology, Hyderabad, Actinons Pharma Ltd., and the University of Hyderabad between March 1, 2023 and March 5, 2023. They were accompanied by Dr Sunitha.S and Dr M. Murali.



DEPARTMENT OF COMPUTER SCIENCE

Seminar /Workshop

NACOTECH-2K23

NACOTECH-2K23 (Inter-Collegiate Technical Symposium) was conducted by the PG & Research Department of Computer Science and B.VOC (ICT) on January 10, 2023. Mr. S. Krishnakumar, student coordinator, welcomed the gathering. Dr. K. Kumar, the principal, delivered the presidential address. Dr. P.S.S. Akilashri, Head of the Department of Computer Science, presented the felicitation address. Dr. D. Prasanna Balaji, the vice principal, delivered the inaugural address.

The technical symposium started with the lighting of the Kuthu Vilaku. Technical events like Quiz, Debugging, Triangular Code, Logo Design, and UXUI and non-technical events like Ad-Zap, Photography, Connection, Treasure Hunt, BGM Finding, and Meme Creation were conducted to bring out



the talents of the participants and for the improvement of students' skills.

The valedictory function started at 3 p.m. Dr. R. Elavarasu, Vice-Principal and Head, Department of English, of our College delivered the presidential address. The summing up of the event was done by Dr. G. Yamini, Assistant Professor. Dr. T.V. Sundar, Dean of Science of our College, felicitated the gathering. Nearly 150 students from different colleges attended and bagged prizes in different events. Dr. R. Bhargavi, Founder Chairperson, and MPR Food Products proposed the valedictory address and distributed certificates and prizes to the winners. MIET College, Tiruchirappalli, won the overall championship. The vote of thanks was given by Mr. S. Ashwin, I year B.Sc. computer science. With the abundant blessing of God almighty, the day was a great success, and with the blessings and support of Thiru. K. Raghunathan, Secretary of our College, the event concluded on a happy note, leaving high spirits among the participants.

Two-Day Workshop on Dart Programming

PG & Research Department of Computer Science conducted the inauguration of a Two-day Workshop on 22nd February 2023. Dr.P.S.S. Akilashri, Head, PG & Research Department of Computer Science felicitated the Chief Guest. S. Ashwin of I CS 'B' delivered the welcome address. Dr K Kumar, Principal of the College delivered the presidential address. **Mr. D. Surya Prakash, Freelancing Software Developer & Alumnus NCT** rendered lecture on "Dart Programming". He explained the introduction to Dart



programming language and web applications on various platforms. Dart is alternatively used for Javascript which requires massive code bases and has not been very scalable

and also has limitations. To remedy this problem, google introduced Dart programming language to support structured and flexible web programming. He explained Variables, Data types, Operators, Decision making Looping statements and Exception handling used in Dart with simple programs.

On the second day, he started the session by introducing the concept of Functions, Collections-List, Set and its properties and also explained methods used in Dart programming with example programs. He insisted the Object-oriented programming concept like Class, Object, Encapsulation, Inheritance, Polymorphism and Abstract class. Students also asked queries interactively. Overall, 101 Computer Science students actively participated in this workshop. Dr T. Sureshkumar, M.Sc., M.L.I.Sc., M.Phil., PGDCA., PhD, Librarian, distributed the participation certificates to the students. Ms. S. Kiruthiga I B.Sc., Computer Science delivered the vote of thanks.

Seminar on Introduction to Data Science

A Seminar on "Introduction to Data Science" was held on 23.12.2022. The Resource person was **Mr Vivrdh Prasanna, a Data Science minor in Statistics, at the University of California, Berkeley** presented an excellent lecture. In his lecture, he explained, Data Science is a combination of multiple disciplines that uses statistics, data analysis, and machine learning to analyze data and to extract knowledge and insights from it. He further went on to say about the uses of Data science. Data Science is used in many industries in the world today, e.g. banking, consultancy, healthcare, and manufacturing. Data Science can be applied in nearly every part of a business where data is available. Students from the department of Computer science, Computer application and Information technology participated in the seminar and were benefited by it.



Seminar on Cloud Computing

A Seminar on "Cloud Computing" was held on 25.2.2023. The resource person of the seminar was **Dr S.S.Manikandasaran, Assistant Professor and Associate Director, PG and Research Department of Computer Science, Adaikalamatha College, Thanjavur.** Cloud computing is a big shift from the traditional way businesses think about IT resources. It is the delivery of computing services including servers, storage, databases, networking, software, analytics, and intelligence over the



Tiruchirappalli, Tamil Nadu, India
 18, National College, Near, Trichy - Dindugal Rd,
 Jaya Nagar Extension, IOB Nagar, Karumandapam,
 Tiruchirappalli, Tamil Nadu 620001, India
 Lat 10.789791°
 Long 78.674443°
 16/02/23 03:16 PM GMT +05:30

Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale. One typically pay only for cloud services he/she use, helping him/her to lower operating costs, run the infrastructure more efficiently, and scale as the business needs change.

DEPARTMENT OF BCA

One-Day Virtual Workshop On Unified Modelling Language(Uml) For Business Pattern

The Department of Computer Applications along with CEASURA Technologies, Chennai organised a one-day Virtual Workshop on UNIFIED MODELLING LANGUAGE(UML) FOR BUSINESS PATTERN on 25th February 2023 at LAB I. Student President, Mr S. Jai Saravanan welcomed the gathering. Dr K. Kumar, the Principal rendered a presidential address to the gathering. Dr M. Anusha, Head, Department of Computer Applications introduced the resource person **Mr. V. Jambhu Kumar, Advisor, Ceasura Technologies, Chennai**. The resource person explained the implementation of UML by Visual Paradigm Software. Visual Paradigm is a software application designed for software development



teams to model business information systems and manage development processes. It is a powerful, cross-platform and yet easy-to-use design and management tool for IT systems. This technology can reverse engineer diagrams from code, and provide round-trip engineering for various programming languages. The students got a clear idea of how to use the features of Visual Paradigm Software Tool for Unified Modelling Language (UML) diagrams, Entity Relationship Diagram (ERD), Object Relational Mapping Diagrams (ORMD), Sequential Diagrams and Class Diagram utilities

essential in system and database design. 80 Students participated and received the knowledge of implementing Enterprise Architecture tool in the UML Platform. A.K. Gowshik Velan, III BCA delivered the vote of thanks.

Memorandum of Understanding

MOU WITH MINDZCUBE

The Department of Computer Applications of our College organized a Memorandum of Understanding Ceremony on January 9, 2023. Dr. G. Srinaganya welcomed the gathering. Dr. M. Anusha, Head of the Department of Computer Applications, introduced the chief guest. Dr. K. Kumar, principal, rendered the presidential address to the gathering. Mr. Syed Nazimuddeen, AGM, MINDZCUBE.COM,



and Mr. Y. Shahul Hameed, Consultant, MINDZCUBE.COM, Bengaluru, signed a memorandum of understanding with our college. They discussed various fields in the IT industry and their benefits, as well as future career scopes in the fields of data, design, analysis, web development, and digital social media development for BCA, IT, and B.Com. students. Prof. M. Umamaheswari, Department of Computer Applications, delivered the vote of thanks. The objective of the program is to provide internships and future job opportunities. The outcome of the program was that nearly 200 students attended the screening test and achieved self-actualization.

MoU Activity

Every Wednesday, the BCA Speakers Forum conducts an activity to enhance the communication skills of the students. Technical club activities were conducted after 1.30 PM to enhance technical skills among students so they could participate in various competitions. Mindzcube Technology, Bengaluru, conducted the screening test on January 9, 2023, for an internship for the students of the BCA, IT, and B.Com departments. CESURA Technology started the internship program with 10 students on January 21, 2023.

MoU with Inspire Softech Solutions

The Department of Computer Applications of our College conducted a meeting to sign a **Memorandum of Understanding with Inspire Softech Solutions, Chennai**, on April 11, 2023. Dr. M. Anusha, Head of

Computer Applications, welcomed the gathering. Prof. M. Umamaheshwari introduced the chief guest. Dr. K. Kumar, principal, rendered the presidential address to the gathering. Dr. D. Prasanna Balaji, Vice Principal, felicitated the occasion and honored the Chief Guest. Dr. Karthiya Banu, Founder and CEO of Inspire Softech Solutions, and the Principal of National College signed the MoU for the betterment of the students' future. Prof. Y. Shobana, Department of Computer Applications, delivered the vote of thanks.

Campus To Corporate - A Career Guidance Towards IT Field

The Department of Computer Applications has organized a career guidance program in the field of information technology, from campus to corporate, on February 17, 2023. The student president, Mr. S. Jai Saravanan, welcomed the gathering. Dr. M. Anusha, Head of the Department of Computer Applications, rendered the presidential address to the gathering. Ms. Nagajothi, Assistant Professor, Department of Computer Applications, introduced our chief guest, **Mr. Shanmugam, H.R. Manager, Cognizant Technology Solution Ltd., Chennai. Mr. Alan, ICT Academy**, motivated our students towards getting the right job for their future. The chief guest gave an excellent address about career guidance. The students enjoyed and received information that would be



helpful for their careers, such as resume design and how to face interview questions courageously. A.K. Gowshik Velan, III, BCA, delivered the vote of thanks.

Pongal Celebration

The Department of Computer Applications of our College celebrated the Pongal Festival 2023 on January 12, 2023. Our **college alumni, Mr. and Mrs. Srinivasan**, were the chief guests of the day. Dr. K. Kumar, Principal, and Dr. D. Prasanna Balaji, vice principal (UAP), gave a special speech about the Pongal festival in Tamil Nadu. Various competitions were held on that day for the students. With the abundant blessings of God almighty, the day was a great success, and with the support of Thiru. K. Raghunathan, Secretary, of the College the function was a grand success.

DEPARTMENT OF INFORMATION TECHNOLOGY

Seminar / Hands-on Training

Seminar on Recent Trends in IT

A Seminar on "Recent Trends in IT" was held on 19.1.2023. The Resource person for the seminar was **Mr Kumar Nallusamy, Release/Deployment Manager, Kaiser Permanente, California, USA**. As the information technology (IT) world continues to change at an instantaneous pace, it can be challenging to keep up with the



latest trends. Nevertheless, understanding these latest technological trends is significant for businesses and individuals who want to stay in the vanguard. The dynamic field of the Information Technology industry is full of new technologies, tools, software frameworks, and innovative ideas. The development of modern technologies occurs symbiotically and inevitably affects one another. For instance, mobile internet depends on cloud computing and facilitates IoT development. Therefore, Innovations in one area initiate innovations in the other. Technology has changed a lot due to the outbreak of COVID-19. The pandemic made IT professionals realize that their role will not stay the same in tomorrow's contactless world. An IT professional will have to constantly learn, unlearn, and relearn since the Information Technology Industry is rapidly evolving.

Two Day Hands-on Training on IoT Based Smart Applications

Two Day Hands-on Training on "IoT Based Smart Applications" was held on 16.2.2023 & 17.2.2023. The Chief Guest of the Inaugural function was Dr B.Satheeskumar, Associate Professor, Department of Computer Science, Bishop Heber College, Trichy. The Resource persons for the seminar were **Dr V.A.Jane, Assistant Professor, Department of Computer Applications, Bishop Heber College, Trichy** and **Dr S.Sathyapriya, Assistant Professor, Department of Computer Science, St. Joseph's College, Trichy**. The training provided insights into IoT, its applications, and various implementation techniques. They then explained various connection methodologies used in IoT such as Ethernet, Wi-Fi, low powered wide area network (LPWAN), Bluetooth, RFID, cellular, and satellite, and



more, along with their challenges. Participants were greatly benefited by the hands on training program and a very good feedback was received from them.

DEPARTMENT OF B.VOC

Industrial visit to HCL-Madurai

A batch of students from the Department of Computer Science along with faculty visited HCL at Madurai On 19.01.2023. The campus has smart artificial intelligence technology. The building covered three tower blocks with more than two thousand employees. The campus had the facilities like a cafeteria, relaxation centre, stores, and medical centre exclusively for HCL employees. Mr Thirumurugan Subbaraj, Director, Centre Head for HCL Technologies addressed the students at the conference hall. He suggested ideas like developing an individual website for students to gain knowledge in code writing and to develop communication skills. He also insisted to write at least 10 to 20 lines of code every day. The HR head Ms Divya addressed the students. She provided ideas on how to enrich the way of resume writing and triggered a few questions.



DEPARTMENT OF GEOLOGY

A two-day National seminar on Current Trends in Geological Sciences - 2023

A two-day national seminar on "Current Trends in Geological Sciences - 2023" was organized by Mr N. Gokulakannan a third-year B.Sc. (Geology) student of the 2022-2023 batch. Professor S. Sivakumar, the former HOD of the Geology Department of our College was the convener. About 250 students from various Departments of our College (including Geology and History), and from various parts of Tamil Nadu (Department of Remote Sensing, Bharathidasan University, Tiruchirappalli; Department of Environmental

Sciences, Bishop Heber College, Tiruchirappalli; Department of Geology of Sir Issac Newton College of Arts and Science, Nagapattinam, Department of Geology of ADM College of Arts and Science, Nagapattinam, Department of Geology of Government's Arts College, Salem; and also from M.P.M.S.N Trust College, Shornur, Kerala) participated in the program. The Chief Guest of the programme, **Dr T.K.V. Rajan**, delivered the inaugural address in which he highlighted lost cities of India, lithic tools and links between Geology and Archeology. Details of other speakers who delivered lectures along with their respective topics (given in parenthesis) are as follows: **Dr Guru Balamurugan**, Associate Professor and HOD, Dept. of Geology, Central University of Tamil Nadu, Thiruvarur (Disaster Risk, Resilience and Challenges); Dr Arivazahagan, Asst. Professor, Centre for Applied Geology, Gandhigram Rural Institute, a Deemed to be University, Dindigul (Scope of Geology in Planetary Sciences); Dr A. Muthamilselvan, Assistant Professor, Department of Remote Sensing, Bharathidasan University, Tiruchirappalli (Remote Sensing in Mineral Exploration); Dr Jinu Koshy, Excavation In-charge, Department of Ancient History and Archaeology, University of Madras, Chennai (Lithic and Stratigraphical Evidence of Toba Super Eruption); Dr Arthur James, Professor and Head, Department of Marine Sciences, Bharathidasan University, Tiruchirappalli (Applications of Nanomaterials Extracted from Marine Life); Dr J. Saravanavel, Associate Professor, Department of Remote Sensing, Bharathidasan University, Tiruchirappalli (Land-Ocean Interactive Process and its Impact over the Ancient Port City of Poompuhar, Tamil Nadu).

Association Meetings

Dr V. Vasanthamohan, Vice-President of the Geology Association for the academic year 2022-2023 organized the inaugural Geology Association Meeting on 4th February 2023 at 11 A.M in the A/C Seminar Hall. The chief guest of the meeting was our alumnus, **Dr Raja S. Ganeshram, Professor and Principal Chair of Geochemistry, School of Geosciences, University of Edinburgh, United Kingdom**. He delivered a lecture on "Blue Carbon Can it Help Climate Change?"

The second Geology Association Meeting was organized on 10th February 2023. For this meeting, an



alumnus of our Department **N. Babu, Assistant Professor, Department of Geology, School of Earth Sciences, Mysore University** was the Chief Guest. In the meeting, he delivered a lecture on "Carbonate Fossils and their Mineralogy in Ariyalur Formation, Tamil Nadu".



For the students of Unaided Programs (B.Sc. Geology and M.Sc. Applied Geology), Dr N. Devaraj, Vice-President of the Geology Association for the academic year 2022-2023, organised Geology Association Meetings on 25th March 2023. Mr Thirumurugan, Senior Geologist, Geological Survey of India, Government of India, Tamil Nadu & Pondicherry, delivered a special lecture on "Geological Mapping Techniques and Mineral Investigation: Case Studies" at 11 a.m. It was followed by another special lecture at 2 p.m. by Mr G. Venkatesh, Assistant Geologist, Agricultural Engineering Department, Government of Tamil Nadu on the topic "Emphasis on Econo-Stratigraphy of Indian Territory".

A field training program was organized by Dr N. Devaraj on February 14th 2023 for the students of B.Sc. Geology and M.Sc. Applied Geology (Unaided program). The resource person for the programs was Mr G. Venkatesh, Assistant Geologist, Agricultural Engineering Department, Government of Tamil Nadu. The students were taken to areas in and around Thiruchengode and the resource person elaborated on the handling of resistivity survey instruments in the field.

Geological Field Instructional Tours

Dr N. Jawahar Raj, Associate Professor, and Dr K. Sivakumar, Assistant Professor, Department of Geology, National College, organized a one-day Field Instructional tour for the II B.Sc. (Geology) students of the Department (on April 4th 2023). They visited geologically important places in Perambalur and Ariyalur Districts.

Professor S. Sivakumar, the former HOD of the Geology Department of National College, organized a five-day mapping camp / Field Instructional tour in and around the geologically important places of the Perambalur-Ariyalur Districts of Tamil Nadu for the II M.Sc. and I M.Sc. (Applied Geology) students of the Department (from 6th April to 10th April 2023). Dr A. Velu also accompanied the students to the program.

Professor S. Sivakumar, the former HOD of the Geology Department of National College, organized a Field

Instructional tour for the III B.Sc. (Geology) students of the Department (from 13th April to 20th April 2023). They visited geologically important places in Mysore, Coorg, Holenarsipur, Belur and Nilgris. Dr A. Velu also accompanied the students to the program. Dr N. Devaraj, Dr N. Mohammed Nishath and Dr S. Jennifer, Asst. Professors of the Unaided Geology Programmes organized a geological field instructional tour for the students of I year M.Sc. (Applied Geology) and III year B.Sc. (Geology) programmes of the unaided section to places such as Thargampatti, Kadavur, Thogamalai, Karikali and places in and around Salem during 14th February and 18th February 2023.



DEPARTMENT OF MATHEMATICS

Association meeting

The PG & Research Department of Mathematics organized an Association meeting on Wednesday, 8th February 2023. **Dr M.Lellis Thivagar, Professor and Head, School of Mathematics, Madurai Kamaraj University** delivered a lecture on the topic "Impact of Nano Topology". M.Manojkiran, II-M.Sc of Mathematics welcomed the gathering. Dr K. Kumar, Principal of our College,



delivered the presidential address and honored the chief guest. Major Dr.D.Muthuramakrishnan, Head & Associate Professor, Department of Mathematics introduced the chief guest. Dr M.Lellis Thivagar gave a brief explanation about Nano Topology, a study of new structures in Nano Topology and its applications in real life with some interesting examples. He discussed the medical diagnosis in an indiscernibility matrix based on Nano Topology. He then had an interaction session with PG students. Dr.K.Bhagyasri Assistant Professor delivered the vote of thanks.

Workshop on Wolfram Mathematica

Department of Mathematics (UAP) organized a workshop on Wolfram Mathematica on 2nd March 2023 in Mathematics lab at 9.00 a.m. K. Aravindh Kumar of II M.Sc., welcomed the gathering. Dr K. Kumar, Principal of National College, delivered the presidential address. Dr M. Muthuramakrishnan, Head of the Department of Mathematics honoured the chief guest. M. Priyadharshini of I M.Sc. introduced the chief guest **Dr Sudhir Singh, Department of Mathematics, National Institute of Technology, Tiruchirappalli-15**. The chief guest Dr Sudhir Singh gave hands-on training on the software "Wolfram Mathematica". The students benefited through this program and they acquired knowledge in terms of interpreting mathematics into computer language. All the students from the unaided program attended the meeting. C.Yogeshwari of I M.Sc. proposed the vote of thanks.

The Valediction of Mathematics Association (Un-Aided Programme) was held on April 06, 2023. C. Yogeshwari, of I M.Sc., welcomed the gathering. Dr V. Sangeetha, Head of the Department of Mathematics (UAP), National College, delivered the presidential address and honoured the chief guest. Barath Vijay. J, of III B.Sc., introduced the chief guest **Dr R. Gopi, Assistant Professor, Department of Mathematics, Srimad Andavan Arts and Science College(Autonomous), Tiruchirappalli**. The chief guest Dr R. Gopi delivered a lecture on "Cracking CSIR NET/SET". He has given the techniques on how to crack CSIR NET/SET problems.

Motivated by his talk the students were ready to apply and attend the upcoming exam. All the students from the unaided programme attended the meeting. Ms Eswari.S, of III B.Sc., proposed the vote of thanks. Dr A. Joel Suresh, Vice-President of the association organized the programme.

DEPARTMENT OF PHYSICS

The Astronomy Club was inaugurated on 30.12-2022. **Dr R.Chandramohan, Research Advisor-Vidhyagiri College of Arts & Science** was the chief guest and inaugurated the club. In his address, he asked the students to take up astronomy as their optional subject. He also asked them to continue their studies. Prof. T.K.V. Rajan, Founder and Director of Indian Science Monitor felicitated the function. He explained to the students about the scope of the



field of astronomy. Mrs.T.Santhi, TASS offered her felicitations. Dr K. Kumar, Principal presided over the function. Dr A.T.Ravichandran, Associate Professor, Department of Physics proposed the vote of thanks.

Star Party Telescope show

On the 7th of January, 2023 Star Party Telescope show was held at the National College. About 150 participants came to view the sky through the telescope. On the 8th of January, 2023 Star Party Telescope show was held at RKPS, Karumandapam. Around 300 participants came to view the sky through the telescope. On the 9th of January, 2023 Star Party Telescope show was held at SMHSS, Woraiyur. Nearly 200 participants came to view the sky through the telescope. On 8-02-2023 a MOU was signed between National College and Arul Anandar College, Karumathur.

Special lecture on Photonics and its applications

A special lecture was arranged. **Dr K. S. Joseph Wilson** delivered a talk on Photonics and its applications. He explained that the main purpose of photonics engineer jobs is to develop new and innovative medicine, telecommunications, manufacturing and construction products. Photonics engineers are responsible for significant



scientific discoveries, from light that can cut plastic to ultra-precise lasers used in delicate eye surgeries. Dr A.T.Ravichandran, Associate Professor, Department of Physics proposed a vote of thanks. In the Valediction Dr S.Pari welcomed the gathering. Dr A.T.Ravichandran, Associate Professor of Physics offered felicitations. Dr V.Hariharakrishnan, Assistant Professor of Physics announced the results of all the events. Nearly 175 students from 14 different colleges all over the state participated. Miss Radha of II M.Sc proposed a vote of thanks.

Intercollegiate state level competition-CELPHY

The Department of Physics organized an Intercollegiate state level competition CELPHY 23 on 21-02-2023. In the Inaugural address Dr S.Pari, Head of the Department of Physics welcomed the gathering. Dr K. Kumar Principal delivered the Presidential address. In his address, he asked the students to take part in the events with spirit. Dr T.V. Sundar, Dean of Science offered felicitations. HariPrasath

of II M.Sc explained the event. Abishek of II M.Sc proposed a Vote of thanks.



Parent-Teachers Meeting

The Department of Physics organized a Parent-Teachers Meeting on 04-03-2023 for all UG classes. Nearly 60% of the parents participated. The class tutors of all classes interacted with the parents and explained their academic performances.

The Department of Physics organized a Parent-Teachers Meeting on 11-03-2023 for all UG classes



separately. Nearly 80% of the parents participated. The class tutors of both classes interacted with the parents and explained their academic performances.

The Department of Physics celebrated science day in the department on 28-02-2023. Heads of all science departments of the National College participated in the event and offered their felicitations.

DEPARTMENT OF STATISTICS

The association meeting of the Department of Statistics was held on 12.01.2023. Dr K. Kumar, Principal presided over the function. Dr D. Prasanna Balaji, Vice Principal and R. Kumaravel, Head of the Department of Statistics delivered the felicitation address. The chief guest, **Mrs B. Shridevi, Deputy Commissioner of Police, Trichy (South)** explained to the students how to face the future and protect themselves from cybercrime. She also informed the students about the contribution that statistics can play to the country's economy. She further stated that the field of



Statistics deals with collection, organisation, analysis, interpretation and presentation of data. Statistics plays a vital role in understanding economic data such as the relationship between the quantity and price, supply and demand, economic output, GDP, per capita income of nations etc.

DEPARTMENT OF ZOOLOGY

Science Academies two day's Lecture Workshop

The PG and Research Department of Zoology of our College organized Science Academies two day's Lecture Workshop on Experimental Models for Understanding Animal Development and Disease from 5th to 6th January 2023, under the sponsorship of the Indian Academy of Sciences, Bengaluru; Indian National Science Academy, New Delhi; The National Academy of Sciences, Allahabad. The Science Academies' have initiated several activities to promote Science in both pure and applied branches through summer research fellowships and refresher courses which enable the teachers and students to work with the fellows of the academy and distinguished research scientists across the country. One initiative among them is the lecture workshop for students and teachers which will provide a knowledge-sharing platform for students and teachers across the nation. In the inaugural session, Ms D. Gayathri, Coordinator of the Workshop welcomed the eminent resource persons of the Science Academy and the gathering. Dr K. Kumar, Principal of the College delivered the presidential address, **Dr K. Subramaniam, Convener and Fellow of the Indian Academy of Science, Bangalore, Professor of the Department of Biotechnology, IIT Madras**, inaugurated the workshop and mentioned the importance of the Lecture Workshop in his inaugural speech. He motivated the participants to interact with the resource persons and make the workshop more effective. Dr. C. Sudha, Assistant Professor of Zoology proposed the vote of thanks for the inaugural session. The participants were represented by 6 Assistant Professors and 100 students from various colleges around Tiruchirappalli. After the inaugural function, the academic sessions were started.

05.01.2023: Session I: Drosophila as a model system for developmental biology and disease - by **Dr Rakesh Mishra**, Fellow of Indian Academy of Sciences, Fellow of Indian



National Science Academy, and Fellow of The National Academy of Sciences. Director, TIGS, Bangalore, AcSIR Distinguished Emeritus Professor, CCMB, Hyderabad. The session was very informative and the speaker elaborated the new concepts in the field of research. He explained in detail how drosophila could be used in research studies by epigenetics. In his talk, he mentioned the role of genes in axis formation and cell differentiation during embryonic development.

Session II: Drosophila as a tool to study organ system hierarchy in ageing by **Dr Ullas Kolthur**, Dr. Ullas Kolthur Professor, TIFR, Mumbai, Fellow Indian Academy of Science. The second session comprised of explaining how Drosophila could be used as a wonderful and simple model to study the ageing of our organ systems. Through his lecture,



the resource person also encouraged the students how a kitchen can be converted into a lab with minimal cost and space. He also emphasized that to do science we need not be PhD students, even undergraduates can contribute to science through simple experiments and monitoring at their home.

Session III: Zebrafish as an alternate vertebrate model system by **Dr Rakesh Mishra**. The session gave importance to the transcriptional studies relating to the RNA interferences using Zebrafish models and how effectively the efficacy of a drug can be tested along with its toxic potential using Zebrafish as a model system.

Session IV: Revealing circadian and fed-starved responses in mice models with implications on diabetes and obesity by

Dr Ullas Kolthur. The session covered the details of circadian responses concerning humans and how can we use mouse models to study metabolic disorders like diabetes and obesity. The speaker also emphasized how our system will be affected without a proper diet plan and a lack of physical activity.

06.01.2023: Session I: Caenorhabditis elegans a great model to study animal development by **Dr K. Subramaniam**, Fellow Indian Academy of Science, Professor Department of Biotechnology, IIT Madras. In the first session of the second day, the speaker emphasized how C.elegans



can be used as a great model organism to study developmental anomalies. He elaborated that the C. elegans would require comparatively less space and maintenance and is also very easy compared to other animal models like rats and mice. As it reproduces at a faster rate, more generations can be seen in a limited period which helps to study the cell lineage with utmost precision.

Session II: The Fascinating World of Cell Biology by **Dr Ravi Manjithaya**, Associate Professor, Neuroscience Unit, JNCASR, Bangalore, Fellow Indian Academy of Science. In this session, the speaker explained the cell organelles and their intricate structural framework with colourful video



demonstrations. The students were highly inspired on learning the role of lysosomes and autophagosomes in maintaining the homoeostasis of the body.

Session III: Regulation of self-renewal/differentiation

balance in the *C. elegans* germline stem cell niche **Dr K. Subramaniam**. During the session, the speaker discussed RNA sequencing, transcriptomic databases, translation of mRNA and genomics relating to the study of *C.elegans* and their cell lineage study. He showed and explained to the audience the cell lineage study carried out with *C.elegans* in his lab.

Session IV: Autophagy: The Pac Man inside cells by **Dr Ravi Manjithaya**. This is the last session of the Lecture Workshop and in this session, autophagy with relevance to major neurodegenerative disease was explained by the speaker. He also elucidates how autophagy could help prevent human diseases as it was normally believed to be the source cause of cancer as it elicits the RAS signalling pathway.

During the Valediction, **Dr K. Subramaniam, Convener** and Fellow of Indian Academy of Science, Bangalore, Professor of Department of Biotechnology, IIT Madras, delivered the valedictory address where he thanked the Science academy, resource person and coordinator of the event. The program ended with a vote of thanks proposed by Ms Gayathri, Coordinator and Assistant Professor of Zoology.

Special Lecture on All the Roads Lead To Science

On 7th January 2023 a special lecture was organized by the PG and Research Department of Zoology, as an interdepartmental activity comprising the departments of Physics and Chemistry, as a part of its association activity for the academic year 2022-2023. The program was organized with the motivation and support of the college Secretary, Thiru. K. Raghunathan. The principal of the college, Dr K. Kumar, gave the presidential address for the event.

Dr N. Ramanathan, Scientific Officer (G), Indira Gandhi Centre for Atomic Research, Kalpakkam was invited as chief guest to promote the importance of science education among students and to motivate the



students to pursue research careers in the field of science instead of opting for other jobs after the completion of graduation. He explained about the Nobel laureates in physics and chemistry and their discoveries in the field of science and technology. He also emphasized how students

could easily get a well-paid job with respectable grades at a young age at the Department of Atomic Energy by getting through OCES/DGFS exams organized by Bhabha Atomic Research Centre, Mumbai. The welcome address was proposed by Dr T.V. Sundar, Associate Professor, Department of Physics of our college and the chief guest was introduced by Dr M. Murali, Associate Professor, Department of Chemistry, National College. Dr S. Pari and Dr K. Vivekanandan, Heads of the Physics and Chemistry Department honoured the chief guest with a shawl and memento. The whole event was organized by Dr D. Kandasami, Assistant Professor of Zoology & Vice President, Zoology Association. The Heads of the Departments of Zoology, Physics and Chemistry Dr V. Gokula, Dr S. Pari and Dr K.Vivekanandan with all the faculty members of Zoology, Physics and Chemistry graced the occasion. Professors from other departments of the National College were also present for the event. Finally, the vote of thanks was proposed by Dr D. Kandasami, Assistant Professor of Zoology & Vice President, Zoology.

DEPARTMENT OF BUSINESS ADMINISTRATION

Seminars/conferences / Workshops

ICSSR-sponsored National level seminar on the Impact of Bio-Entrepreneurship for the Sustainable Bio-Economy Transformation through Microfinance

Department of Business Administration and the Department of Biotechnology and Microbiology jointly organized a two-day (5th & 6th of January, 2022) ICSSR-sponsored National level seminar on the "Impact of Bio-Entrepreneurship for the Sustainable Bio-Economy Transformation through Microfinance".



The national-level seminar was felicitated by special guests belonging to various business fields and professors. Nearly 460 students and staff participated and 42 students and staff presented their papers in this National level seminar. Out of these, 3 best papers were selected and the rest of the students were given a participation certificate. The compilation of this National level seminar was published as Souvenir by the convener, Dr G. Rajesh.

Department of Business Administration in association with Thanjavur Insurance Institute, Insurance Institute of India, Mumbai sponsored a One-day National seminar on Career Opportunities in the Insurance Industry and the activities of III Mumbai & Scope of a combination of (Life & Non-Life) products. It was held on 3rd February 2022.



Two day International Conference on Recent Trends and Innovations in science, Engineering and Social Science

On 10th February 2023, Dr Chandra, Assistant Professor, Department of Business Administration of our college and Dr N. Jeyakumaran, Associate Professor, Department of Physics, V.H.N. Senthikumara Nadar College Virudhunagar jointly organised a Two day International Conference on "Recent Trends and Innovations in science, Engineering and Social Science". **Dr M. Selvam Vice Chancellor, Bharathidasan University Tiruchirappalli** inaugurated the Conference and released the conference proceeding. Shri K. Raghunathan, Secretary of National College delivered the Presidential address and a Special



address was given by Thiru. M.D. Sarpparajan Secretary and Correspondance of V.H.N. Senthikumara Nadar college Virudhunagar. Principals of both colleges Dr K. Kumar from National College and Dr P.Sundaraa Pandian from VHN Senthikumara Nadar College felicitated the occasion. Dr M. Balaji, Head & Associate Professor of Management Studies, and Dr R. Thirugnanasoundari, Head, of the Department of Business Administration, were the convenors of this event and presented the vote of thanks for the two-day programme. More than 100 faculties from various colleges and research scholars shared their research work and gained

knowledge through this conference. More than 40 members presented their papers on various topics. Speakers from various areas addressed the gathering on Funding research projects, Innovative strategies for small businesses, Conversion of biomass model components, Renewable Energy Technology and Sustainable Commerce, and an innovative approach. Everyone who attended the conference found it to be useful and beneficial. The conference was highly applauded for bringing together great minds from different fields.

Dr. M. Chandra, Assistant Professor, Department of Business Administration and Dr. M. Balaji, Head and Associate Professor of Management Studies, Virudhunagar Hindu Nadars' Senthikumara Nadar College (Autonomous), Virudhunagar, organized a two-day faculty development



program on the 15th and 16th of December, 2022, on the theme 3 E's of Teaching: Ethics, Effectiveness, and Enjoyment." The FDP session helped the faculty learn about teaching ethics, brainstorming methodologies, emotional intelligence, and other topics.

DEPARTMENT OF MANAGEMENT STUDIES Association Meeting

The Department of Management Studies (BMS) organized the Management Studies Association meeting on March 13, 2023. **Dr. R. Thanga Prasad, from Shri Mathi Indra Gandhi College Trichy**, delivered a lecture on "Innovation For Academic Affluence: The Aspirational Prerequisites For Pragmatic Learning". Mr. Varun, a second-year BMS student, welcomed the gathering. This function was presided over by Principal Dr. K. Kumar and felicitated by Dr. D. Prasanna Balaji, Vice Principal (UAP), and Dr. B. Sekar, Dean of Commerce. Our II BMS student, Mr. Sanjay,



introduced the resource person. Dr. V. Kanimozhi honored the guest with a shawl. Prof. T. Justin, the head of the department, highlighted the significance and prerequisites of the program and presented a book to the chief guest. Dr. R. Thanga Prasad had a productive and focused interaction with students. He conversed about the basic beliefs, practices, and techniques of contemporary learning initiatives from practical specimens from India and around the globe. He interacted with different types of pragmatic expertise for business students. Significantly, he emphasized the practical characteristics of technical skills and emphatic skills for competitive requirements. He gabbed about all the integrated characteristics of the indispensable skill sets comprising problem-solving skills, logical reasoning, Bloom taxonomy strategies of learning, and mind mapping skills and specifically focused on cognitive reflection in the competitive sphere. The session culminated with a question-and-answer session with feedback responses. Mr. Gunal Kumaresh, a student of I BMS proposed the vote of thanks.

Consumer Rights Day 2023

THEME: "Empowering Consumers Through Clean Energy Transition"

The Department of Management Studies (BMS) organized the Consumer Rights Day on 15.03.2023. Dr. R. Mathangi from our NCT School of Commerce (UAP-Shift II) gave a speech on "Empowering Consumers through clean energy transition" The program commenced with a prayer song Mr. Arun Prakash, a first-year BMS student, gave the welcome address. This function was presided over by our Principal, Dr K Kumar, and felicitated by Dr B. Sekar. Dean of Commerce. Our II BMS Student Mr. Siva Vikneshwaran introduced the resource person. Dr V. Kanimozhi honored the guest with a shawl. Prof. T. Justin, the Head of the department, brought out the importance and prerequisite of consumer rights. Mr Sanjay, II BMS, beautifully explained the current trends in consumer rights and consumer behaviour. **Dr R. Mathangi** gave a Keynote address with the central theme of empowering consumers through the clean



energy transition. She talked about the prevailing circumstances of consumer rights and responsibilities, with instances of diverse energy consumption patterns in the

world, and emphasized the clean energy transition from shifting energy production away from sources that release a lot of greenhouse gases, such as fossil fuels, to those that release little to no greenhouse gases. Moreover, nuclear power, hydro, wind, and solar are some of these clean sources, she stated. She also accentuated the global energy sector's shift from fossil-based systems of energy production and consumption including oil, natural gas, and coal to renewable energy sources like wind and solar, as well as lithium-ion batteries. She explained the examples of renewable energy sources like wind power, solar power, bioenergy (organic matter burned as a fuel), and hydroelectric, including tidal energy. The session ended with an interaction between the speaker and the students where the students' question and answer with feedback responses were recorded on the current need for energy efficiency, sustainability, and consumption pattern of people in their daily life. The vote of thanks was given by our I BMS student, Mr Gunal Kumaresh.

DEPARTMENT OF BUSINESS PROCESS SERVICES

The Department of Commerce, BPS (Business Process Services) of our College organized the Association's knowledge enrichment program on March 16, 2023. Mr. R. Kamal Kannan of IBPS gave the welcomed the gathering. Dr. K. Kumar, principal of our College, delivered the presidential address. Dr. D. Prasanna Balaji, Vice-Principal, graced the



occasion with his felicitation address. The Chief Guest's introduction was given by MS.A. Naramatha, a BPS student. **Dr. R. Arul, Assistant Professor, Department of Commerce Computer Application, ST. Joseph College (Autonomous), Trichy**, spoke on the leadership qualities and skill-based communication related to employment opportunities. In his lecture, the resource person enlightened the students with his ideas on leadership qualities, and he further elaborated on the communication skills required to get good employment opportunities in the future. He also published the department profile. Finally, Mr. V. Premkumar of II BPS proposed the vote of thanks.

SCHOOL OF COMMERCE

Commerce Association

A meeting titled "YOU IN YOU" was held by the Commerce Association of our College on March 1, 2023. Dr. Sundararaman presided over the function. Miss. Yogitha of III B. Com B. welcomed the gathering. Mr. Karthikeyan of III B. Com. A. introduced the chief guest. **Dr. Karthikeyan, Head of the Department of Management Studies, Saranathan College of Engineering, Trichy**, was the chief guest. He explained that the eminent person has given in-depth information about how to analyze oneself, i.e., self-analysis is essential, to succeed in their walks of life. Learners should have clear-cut ambitions in their lives. Only the sky is



the limit, and there is no dead end to it. This is the right stage for budding students to analyze themselves. Another important aspect is communication. We need communication skills to communicate with one another properly. We have to come out of fear to face any kind of situation in life. Students have to maintain discipline and certain responsibilities to become successful in their careers. Overall, time management is more important to equip oneself to be successful in this world. Miss Maria Reena of III Year B. Com B proposed the vote of thanks. Miss. Rithika Jose of III Year B. Com B was the Master of Ceremonies. Students and faculty members from Commerce attended the meeting. The meeting was arranged by Dr. M. Sowriyar Duraisamy, Vice President of the Commerce Association.

A meeting on "EXAM OR LIFE?" was held by the Commerce Association of our College on March 21, 2023. Dr. R. Sundararaman presided over the function. Mr. Aswin Vishwanath of III B. Com. A. welcomed the gathering. Mr. Jayaram of III B. Com. A. introduced the chief guest. **Sri. Radhika Vallabha Das, Head of Bhaktivedanta Academy for Culture and Education, Iskcon-Chowpatty**, was the chief guest. He addressed the topic "Exam or Life?". In his speech, he emphasized, Exam for Life or Life for Exam? One should develop what is necessary for life and do what is necessary for the development of society. He said that one can shine like a pearl by making connections with good people. Mr. Muralidharan of III B. Com A proposed the vote of thanks. Miss. Jayashree and Miss. Akshaya Lakshmi of III Year B. Com A did the master of ceremonies. Students and faculty members from Commerce attended the



meeting. The meeting was arranged by Dr. M. Sowriyar Duraisamy, Vice President of the Commerce Association.

DEPARTMENT OF ENGLISH

WRITERS' FORUM

The PG & Research Department of English organized a Writers' Forum meeting on February 15, 2023. **Dr. V. Villavan, Assistant Professor of English, Thanthai Periyar Government Arts and Science College, Tiruchirappalli**, was the resource person. The meeting started with a prayer song, followed by a welcome speech. Dr. R. Elavarasu, Vice Principal and Head, delivered the



presidential address. Dr.V. Villavan delivered a lecture on the topic "The Problems of Learning English in Tamil Nadu". He said that pronunciation refers to the way a word or a language is spoken or how someone utters a word. If one is said to have "correct pronunciation", then it refers to both within a particular dialect. Students should be oriented towards the techniques of the communicative approach and inculcate the habit of reading. His lecture was a good contribution to our students. Ms. Yuvasree of I.M.A. delivered the vote of thanks. Dr. M.N.V. Preya, Assistant Professor and Coordinator of the Writers' Forum, organized the meeting.

JOURNAL CLUB

The PG and Research Department of English conducted a journal club meeting on February 17, 2023. The lecture was on "Journal Writing: An Outstanding Performance". **Dr. J. Albert Vincent Paulraj, Associate Professor in English, Urumu Dhanalakshmi College, Trichy**, was invited as the Chief Guest for the Meeting. The event was coordinated by Dr. P. Nainar Sumathi, Assistant

Professor in English. The program began with a college prayer song, followed by Tamil Thai Valthu. The welcome address was delivered by Shubanghi of III UG. The presidential address was delivered by the vice principal and head of the department, Dr. R. Elavarasu. The Chief Guest Introduction was delivered by Ms. Latchaya of II PG. The chief guest started his lecture on the topic by defining what write stands for. He further moved on to define what a journal is and the



impact of journaling daily on improving our writing skills. He stated that journaling should be in the correct sentence order. He also stated how journaling daily can turn out to be one's biography at some point. He said that journals are the expression of human thoughts and emotions; they're a reflection of how we perceive things. He stressed the use of the LSWR method and proper usage of the English language for communication. He further instructed the students to critique every piece of literature they read and listened to. He quoted how writing can upgrade one's skills in the language. He made the session interactive by engaging students in group activities by distributing worksheets. He ended his lecture by quoting the importance of writing and its benefits. The meeting came to an end with a vote of thanks delivered

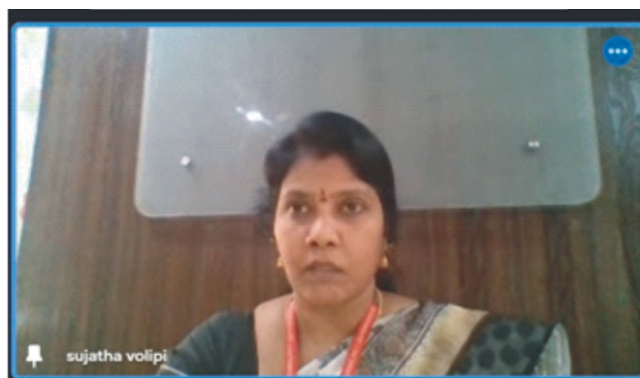
LITERARY ASSOCIATION

The PG & Research Department of English organized the Literary Association valedictory meeting on March 23, 2023, which focused on the topic "Sow Today, Reap Tomorrow". The meeting was open to all English literature students, and everyone attended it. Ms. R.S. Bhuvaneshwari of Second BA addressed the welcome speech. It was followed by the eloquent speech of Dr. R. Elavarasu, the vice principal and head of the department. He started the presidential address by welcoming the chief guest and advising the students on planning for the future. Dr. D.E. Benet honored the chief guest by felicitating him with a shawl. Dr. Benet, coordinator of IQAC and associate professor, addressed the audience and talked about future planning and self-esteem. Ms. B. Yuvasree of IMA introduced the resource person, **Dr. A. Noble Jebakumar, Head, Department of English, Government Arts and Science College, Manapparai.** He spoke on the topic 'Sow Today, Reap Tomorrow'. It was an interactive session, with students volunteering with the resource person. The students were given opportunities to



interact with the resource person. He instructed the students on how to attend an interview and how not to panic. Dr. R. Elavarasu appreciated him and explained the theme of his lecture to these students. It was followed by a vote of thanks by Ms. B. Sandhya of II BA. Dr. M.N.V. Preya, Assistant Professor and Vice President of the Literary Association, organized the meeting.

The Department of English (UAP) organized a one-day workshop on "Mapping Language and Literature Curriculum" on 14 December 2022. **Prof. V. Sujatha, Assistant Professor of English, Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor, A. P.,** was the resource person. The session began with a welcome note from the Head of the Department, Dr R. Vasanthan. He introduced the resource person and a short introduction of the faculty members took place. The workshop began with Prof. Sujatha giving a brief note on



Objective Based Education (OBE), in which priority is given to learning than teaching. She emphasized that the outcomes of a course should be set first. This should lead to assessment measures and then the strategies and methodologies to achieve the desired outcome should be devised. She gave a brief explanation of Bloom's Taxonomy for better understanding. Further, the connection between course outcomes and programme outcomes was elaborated and how a syllabus should be mapped was explained with clarity. The queries raised by the staff members were brilliantly clarified with patience and clarity by Prof. Sujatha. Dr Vasanthan summed up the entire workshop and promised a follow-up session. The session ended with a Vote of Thanks by Prof. Anusooya. The faculty members were highly benefited by this session.

English Literary Association

Department of English (UAP) of our College organized the Valedictory Ceremony for the English Literary Association 2022-23 on 08.04.2023. **Dr. V. L. Jayapaul, Assistant Professor and Head, PG and Research Department of English, St. Joseph's College, Trichy** was the Chief Guest. Dr R. Vasanthan, Head of the Department (UAP), Department of English, welcomed the gathering and



urged the students to chase their dreams and goals and requested them to participate in several activities and events organized by the college to enhance their skills. In addition, he pointed out the cultural and literary events organized by the Association. Chief Guest Dr V. L. Jayapaul, gave prizes to the Drama team and the PG students who took part in the Internship program at Sesa Iyengar Memorial Higher Secondary School in Woriyur, Trichy. Finally, Mr Harish Vishwa from I B.A English proposed the vote of thanks.

An online assessment of the language competence of first-year students (UAP) was organized by the Department of English (UAP) on December 30, 2022. Based on the learning requirements and target needs, a data-driven curriculum is to be developed for the Bridge Course of 20232024.



On January 12th, 2023, the Department of English (UAP) organized an activity-based task for the first-year shift-II students to recognize their creative skills. The task was given to students of IT, ST, and CS, and it was focused on product advertisement. The objective of the task was to encourage students to come up with creative ideas and



exhibit their talents in product advertising. The students were asked to present their ideas in the form of a poster with charts. Many students participated in the task and came up with innovative and unique ideas. The submissions were evaluated by a panel of judges. Prof. Manorajani, the task coordinator, and other faculty members of the department. The submissions were evaluated based on various criteria, such as originality, creativity, and effectiveness of the advertisement. After the evaluation process, the top three students will be selected and recognized with rewards.

An introductory session on the BEC (Business English Certificate) was conducted on January 13, 2023, for second-year BBA students by the Department of English (UAP) in association with the Core Group of the National College. **Prof. Jabneel Praveen** was the resource person. He emphasized the importance of English and the value of this certificate program. Follow-up training will be handled later for interested students.



The Department of English (UAP) conducted the Mid-Sem Fest in the month of January to exhibit the hidden talents of the students. The show was carried out by Nancy of II MA and Umar of III BA. The welcome address was delivered by B. Paarkavi II, MA. A group song was performed by the II MA and III BA students. Jeevanantham and Harish of III BA gave a riveting mimicry performance. Nancy Faustina and Heman gave solo dances and solo songs, respectively. An enormous dance performance was made by the II and III



year students of BA, and a remarkable dance was presented by Sharuk Khan, followed by an enchanting solo singing by Dr. Anusooya. Eventually, an enthralling performance was given by the conjurer, Mr. Akshay of II MA. The wonderful day ended with an encouraging speech by the Head of the Department, Dr. R. Vasanthan.

DEPARTMENT OF HISTORY

Association Meeting

The History Association Meeting was conducted on 15/03/23. **Dr M. Nalini, Associate Professor and Head, Dept of History, SR College Autonomous Tiruchirappalli** was the chief guest. She delivered on the topic "Evolution of Tamil Scripts ". She explained the students about how it is fascinating to see the gentle way in which a script evolved



over such a long period of time. Like all other Indian scripts it evolved from Brahmic script and then starting from 7th century Pallava rule moved into the Grantha_alphabet. In the south, Grantha was used to write both Sanskrit as well as Tamil/Malayalam. Then it evolved into the modern script when they had to write in palm leaves and had to make sure that the script is not too sharp that will make the writer cut through the leaves. It became increasingly rounded. Dr Elavarasu, Vice Principal delivered the Presidential Address, and Prof V Nithya, Vice President welcomed the gathering. Prof A Kodainila felicitated the event. Mr Yogesh thanked the dignitaries. Ms Devadharshini acted as the Master of the Ceremony. Students gave their valuable feedback about the program.

Internship With Department Of Tourism, Tiruchirappalli District

Mr Kirubakaran of III BA History, Mr Kalaiarasan of III BA History and Mr Karunakaran an Alumnus History 2022 Batch completed their internship offered at Thiruvaramang Temple Ekadasi Festival for Twenty-Two days from 22nd Dec 2022 to 12th Jan 2023 in the Department of Tourism, Government of Tamilnadu, Tiruchirappalli District. **Smt T Jegatheswari, District Tourism Officer** issued their certificates and also a cumulative sum of Rs 8,000 as their



stipend. Dr K Kumar, Principal, National College Autonomous Tiruchirappalli appreciated the efforts and vigour of the students. Prof A. Kodainila, Head of, the Department of History conveyed her special appreciation to all the students. Mr Yogesh, Mr Kirubakaran, Mr Kalaiarasan, Ms Raihana Banu, Ms Devadharshini, Ms Chitra, Ms Visuna, Mr Logesh, Mr Hiruthic Raja, Mr Prasanna Perumal, Mr Madhavan and Mr Prakash completed the 45 days internship at the Vestry School Campus by the Department of Tourism, Tiruchirappalli. They received cumulative cash of Rs 8,000 as their stipend.



Students Achievements

Mr Kirubakaran, III BA History was awarded the Best Library User Award by the Department of Library and Information Science of our College.



Women's Day Programme In The Rainbow Fm

Students of the Department of History under the guidance of Prof Kodainila, Head, Dept of History performed a Drama on the Theme, "Varalatril Pengal Velu Nachiyar and Dr



Muthulakshmi". The script was written by Mr Gurumoorthi and enacted by Ms Devadharshini, Ms Visuna, Ms Chitra and Ms Raihana Banu.

DEPARTMENT OF LIBRARY SCIENCES

Library Internship Training Programme -2022-2023

Dr K. Kumar, Principal welcomed the 15 PG students belonging to the Department of Library and Information Science, Bishop Heber College, Trichy who sought permission for carrying out their Internship Training Programme at our Resource Centre for a period of one week. (12.12.2022 - 17.12.2022). The participants felt that that the internship



was greatly beneficial to them and they appreciated the efforts of Dr. T. Suresh Kumar in making them understand the nuances of library science.

Competitive Examination Awareness Programme

The Department of Library and the Core Group of National College organised a one-day Seminar on "Upcoming trends and challenges in Indian competitive Examinations" on 10/01/2023 in Gallery Hall. The session started with Dr Anand honouring the speaker **Tr C.K Harisudan, Ex-Officer Indian Air Force**. It was an informative and interactive session where students learnt about various State and



Central Government Examinations. Problems faced by today's youngsters were discussed. The meeting ended with a healthy question-and-answer session.

Internship Valedictory Function

Shri. Raghunathan, Secretary, of National College, graced the valedictory function. 15 students came for internship training in the Library Department. They have utilised all the technical sections and processing of acquisition, subscription, LMS, and new advanced technical processing works. About 15 students of 1st year and 4 students of 2nd year from Bishop Heber College, Tiruchy,



from the Department of Library and Information Science, have utilized our library operations and services. Finally, the Secretary of the college distributed the Internship certificate to all the students. The College Librarian, Dr T.Sureshkumar and other library faculty members organized this function.

ஒருநாள் தேசியகருத்தரங்கு

தமிழ்நாடு நூலககல்விக்குழுவும் திருச்சிராப்பள்ளி தேசியகல்லூரி நூலகதறையும் இணைந்து டிஜிட்டல் உலகத்தை கட்டமைப்பதில் டிஜிட்டல் நூலகத்தின் பங்குஎன்னும் பொறுமையில் ஒருநாள் தேசியகருத்தரங்கு 8.4.2023 அன்று நடைபெற்றது. இத்தேசியகருத்தரங்கின் துவக்கவிழாவிற்கு வரவேற்புஉரை வழங்கினார் தேசியகல்லூரி நூலகர் முனைவர் த. சுரேஷ்குமார். தேசியகல்லூரி நூலகத்தை டிஜிட்டல் மையமாகிய முயற்சியை முன்னெடுத்தவர் நூலகர் முனைவர் த. சுரேஷ்குமார் ஆவார். இக்கல்லூரி முதல்வர் முனைவர் கே. குமார் அவர்கள் தம் தலைமை உரையில் தேசியக் கல்லூரியில் தேசியகருத்தரங்கு நடப்புது பொருத்தமானது மாணவர்கள் வாய்ப்பினை நன்கு பயன்படுத்திக் கொள்ளவேண்டும் என வலியுறுத்தினார். தேசியகருத்தரங்கின் துவக்கஉரை ஆற்றிய முனைவர் வி. திருவள்ளுவன் மாண்புமிகு துணைவேந்தர் தமிழ் பல்கலைக்கழகம் தஞ்சாவூர் அவர்கள் முறையாக பயன்படுத்தும் போது டிஜிட்டல் நூலகம் ஒருவர்ப்பிரசாதம் என்றார். மாணவர்கள் எந்தஒருநிகழ்வின் காட்சிபொருளாக மட்டுமின்றி நிகழ்வின் கருப் பொருளாக விளங்கவேண்டும்.

இது போன்ற கருத்தரங்கிலோ வகுப்பறையிலோ



உங்கள் வாழ்க்கைய புரட்டிப்போடும் ஒன்றை சொல் தந்துவிடும் அதற்காககாத்திருந்து உள்வாங்கிகொள்ள வேண்டும். நூலகத்துக்கு போகாதவர்கள் அறிஞர் ஆகமுடியாது. வாசிப்பு சுவாசிப்பு போன்று உயிர்வாழ்வதற்கு

அவசியமானது என்றார். ஆண்ணாமலைப் பல்கலைக்கழக நூலக முனைவர் நாகராஜன் தேசியக்கல்லூரியின் மோனாள் நூலகர் முனைவர் ராகவன் திருச்சி தூயவளனாகல்லூரி நூலகர் முனைவர் எம். துரைராஜன் ஆகியோருக்கு நூலககல்விக்குழுவின் சிறப்புவிருது வழங்கப்பட்டது.

திருச்சிராப்பள்ளிபாரதிதாசன் பல்கலைக்கழகத்தின் தேர்வு நெறியாளர் முனைவர் எஸ். ஸ்ரீனிவாசராகவன் அவர்கள் தன் வாழ்த்துறையில் நாளொருமேனியும் பொழுதொருவண்ண முமாகபாடும் டிஜிட்டல்மயமானது அவசியம் அறிவுசார தலைமுறை வீரியமிக்கதாக வளர்வதற்கு டிஜிட்டல் நூலகம் அவசியம் என கூறினார். நூலககல்விக்குழுமதலைவர் முனைவர் ஆர் ஆர் சரவணகுமார் அவர்கள் நன்றிகளைவழங்கினார். விழாவிருக கல்லூரியின் துணைமுதல்வர் முனைவர் இளவரசு முனைவர் பிரசன்ன பாலாஜி துறை தலைவர்கள் பேராசிரியர்கள் மாணவர்கள் கலந்துகொண்டனர் தமிழ்த்துறை உதவிபேராசியர் முனைவர் கே. புவனேஸ் வரி தேசியகருத்தரங்கின் நிகழ்வுகளை தொகுத்துவழங்கினார். தோடர்ந்து நடைபெற்ற கருத்தரங்குகள். ஆய்வாளர்கள் ஆய்வாளர்கள் தங்கள் ஆய்வாளர்கள் ஆய்வாளர்கள் தங்கள் ஆய்வுகட்டுரைகளைவழங்கினார்

கல்லூரி நூலகதினவிழா

திருச்சிராப்பள்ளி தேசியக் கல்லூரியின் நூலக தினவிழா 31.03.2023 அன்று முற்பகல் 11.30 மணிக்கு நூலக அரங்கில் நடைபெற்றது. கல்லூரிமுதல்வர் முனைவர் கி.குமார் தம் தலைமை உரையில் மாணவர்கள் நூலகத்தைப் பயன்படுத்துவதன் முக்கியத்துவம் குறித்துப் பேசினார். நூலகத்தின் ஆண்டறிக்கையை நூலகர் முனைவர் த.சுரேஷ்குமார் வாசித்து அளித்தார். ஒவ்வொரு துறையிலும் சிறப்பாக நூலகத்தைப் பயன்படுத்தியசுமார் 50 மாணவர்களுக்குக் கல்லூரியின் செயலர் திருமிகு கா.ரகுநாதன் பதக்கங்களையும் பரிசுகளையும் வழங்கி கௌரவப்படுத்தினார். கல்லூரி துணைமுதல்வர் முனைவர் இளவரசுவாழ்த்துரைவழங்கினார்.

இந்நிகழ்வில் தமிழ்த்துறை உதவிப்பேராசிரியர் முனைவர் இரா.இராஜா சிறப்புவிருந்தினராகக் கலந்து கொண்டு வாசிப்பு ஒரு வரம் என்னும் பொருண்மையில் உரையாற்றினார். ஆப்போது அவர் கல்வியின் பயன் வெறும் வேலைவாய்ப்பைப் பெறுவது மட்டுமே அல்ல ஒட்டு மொத்த மனிதகுலத்திற்கும்



நாட்டுக்கும் உதவும் நல்ல சிந்தனைகளை உருவாக்குவதே கல்வியின் ஆகப் பெரும்பயன் என்றார். மேலும் நிலவும் சூழலில் இருந்து கற்றல் கற்றலுக்கான வாய்ப்புகளைப் பெருக்கிக் கொள்ளுதல் கல்வியைச் சிந்தனையாக

மாற்றிக்கொள்ளும் திறமை போன்றவற்றை விளக்கினார். இந்நிகழ்வில் தமிழ்த்துறைத் தலைவர் முனைவர் ச.ஈஸ்வரன் பிற்துறைப் பேராசிரியர்கள் மாணவர்கள் ஆகியோர் பெருந்திரளாகப் பங்கேற்றுப் பயன்பெற்றனர். இந்நிகழ்வைக் கல்லூரி நூலகர் முனைவர் த. சுரேஷ்குமார் ஒங்கிணைத்து ஏற்பாடுசெய்தார்.

One-day Library Field Visit at Thanjavur

Our Department of Library and Information Science (CLISc) organized a field trip on January 22, 2023. They visited Thanjai Tamil University, Thanjavur Public Library, the Thanjavur Sarafoji Mahal Library and Thanjai Pragadeeswarar Temple. This academic study trip was very useful for the students.



NCC-AIR WING

Organized AIRFEST 2023, 350 Cadets from 08 Colleges participated in the intercollegiate NCC competition, exclusively for NCC Air Wing Cadets on 26.03.23. Events like



Drill, Best Cadet, Cross Country, Relay, Tug of War, Short Put, Flag Area, Group Singing, Enact and Inspire and Group Dance were conducted. Lady Dock College took the Overall Winners Trophy and Srimad Andavan College bagged the Runners Trophy.

Camps / Social services/Blood donation

1 cadet attended EBSB Camp at Chennai from 07/11/2022 to 16/11/2022.

Cadets donated blood to the Government Hospital, Trichy through the Blood Donation Camp organized by the NCC Group Head Quarter on 27/11/2022.

☞ Cadet Under Officer. Arunachalam.S attended Air Force Attachment Camp at Air Force Station, Tambaram from 19/12/2022 to 30/12/2022.

☞ 1 cadet attended CAT Camp at RSK School Campsite, Trichy from 24/12/2022 to 31/12/2022.

☞ 10 cadets did Social Service at Sabarimala Ayyappan Temple, Kerala from 30/12/2022 to 10/01/2023. 5 cadets attended CAT Camp at Palani from 17/01/2023 to 24/01/2023.

☞ Flight Cadet. Keerthana and Flight Cadet. Dhivya participated and marched in the Marina Republic Day Parade at Chennai on 26/01/2023.

☞ 3 cadets participated and marched in the Trichy District Republic Day Parade on 26/01/2023

NCC-ARMY WING

B and C - Certificate Exams/ Camps

☞ B- Certificate Examination: 15 Cadets of the NCC Army Wing appeared for the 'B' Certificate examination on 11- 12 Mar 2023 at St. Joseph's College, Trichy.

☞ C- Certificate Examination: 15 Cadets of the NCC Army Wing appeared for the 'C' Certificate examination on 18 -19 Feb 2023 at St. Joseph's College, Trichy.

☞ IMA - CAMP: Cadet V.Sivaram of the NCC army wing attended the Army attachment Camp at Indian Military Academy, Dehradun Uttarakhand from 18 Dec to 27 Dec 2022.

☞ ARMY ATTACHMENT CAMP: Three Cadets of the NCC army wing attended the army attachment camp at Chennai from 21 Feb to 04 Mar 2023.

NSS

CAMPUS CLEANING CAMPAIGN

The prestigious National College (Autonomous), Trichy is taking every step to help the students to grow with integrated personality development. According to that cleanliness is also a part of the lifestyle. Mahatma Gandhi has



advised us about the importance of cleanliness. To commemorate his ideas, 200 NSS volunteers participated actively in the Campus cleaning campaign conducted as a part of Gandhi Jayanthi in the College on 02.10.2022.

AWARENESS RALLY PROGRAMME

After a lot of bloodshed, we got our independence. We are celebrating our 75th Independence Day. In an initiative to let the younger generation know about the struggle for independence, Bharathidasan University through their affiliated colleges conducted an awareness rally. National College (Autonomous) Trichy with more than 100 years of Educational Excellency and patriotism, participated in the awareness rally programme conducted on 14.08.2022 on the occasion of Azadi- Ka-Amrit Mahotsav-an initiative of the Government of India to celebrate and commemorate 75 years of Independence. More than 150 NSS volunteers participated in the rally.



Celebration Of Swami Vivekananda Chicago Address Memorial Day

Swami Vivekananda was a Hindu Monk and one of the most celebrated spiritual leaders in India. He was a prolific thinker, great orator and passionate patriot. This programme was conducted as an initiative to educate the young generation about the principles of Swami Vivekananda. 450 NSS volunteers participated in the commemoration of Swami Vivekananda's Chicago Address memorial day which was held at Dr V. Krishnamurthy Auditorium on 11.09.2022. Swami Vimurthanandar of Ramakrishna Mutt, Thanjavur felicitated the students with the principles of Swami Vivekananda.

Awareness Rally Programme of Narcotics Prevention

Bharathidasan University and our College jointly organized a rally programme to create awareness among the students about the ill effects of drugs and its impacts. The awareness programme was very useful and was the need of



the hour. The students of our College eagerly participated in the rally. On behalf of the Government of Tamil Nadu, an oath was taken by NSS Students at Anna Stadium on the occasion of Narcotics Prevention and Trafficking on 11.08.2022.

Awareness Rally Programme of Youth Day Celebration

The progress of India lies in the hands of Indian youth. About 58% of the youth population is in India. The strength of the nation is decided by the youth of today. To prove this, 160 NSS volunteers of our college participated in the awareness rally conducted at the Bharathidasan University on the occasion of National Youth Day.

Oath On Elimination of Bonded Slaves

All 4 NSS units of National College (Autonomous), Trichy participated in the oath-taking ceremony on the elimination of bonded slaves on 09.02.2023. Teaching Faculty, Non-teaching faculty, office staff and others participated in this event.

STUDENTS' EXNORA

A discussion on the importance of the environment was held at the inauguration of the 24th year of the Students Exnora held at National College. Dr.P. Nainar Sumathi welcomed the gathering followed by the presidential address by Dr.R.Elavarasu, Vice Principal of National College. **Chief Guest Mr.Mohan Periannasamy , the founder of Exnora** asked the students to support and protect nature from the evils that could be initiated from our home itself. He said that service to the environment is not public or social but it is self service. Dr.M.N.V.Preya delivered the vote of thanks. This Programme was Organised by the staff Advisors of Exnora Dr.P.Nainar Sumathi and Dr.M.N.V.Preya from National College.



Students' Exnora of National College and Youth Exnora International, Trichy conducted One day International conference on "STRESS AND DE-STRESS". Dr. Are Holen Prof. of Behavioural Medicine Norwegian University of Science & Technology Norway was invited as the Chief Guest for the conference. The Programme began with college prayer song followed by Tamil Thai valthu and Exnora prayer song. The function began with the Auspicious event of lighting lamp.

Dr.S.Senthilnathan, Director (FAC), UGC-Human Resource Development Centre and Professor, Department of Educational Technology, Bharathidasan University in his speech emphasized on Stress and factors which caused it. The welcome address was delivered by Ms.Kavvya.

Principal Dr.K.Kumar presided over the conference and delivered the presidential address. The Chief Guest Introduction was given by Ms. Kaavya. Chief guest started his lecture by explaining about Scientific stress and it's relation to Medicine. He made it clear to the students about the relation between stress and various aspects of health. He stressed over the power of meditation and it's advantages. He also spoke about how to cope up with stress. Mr.P.Mohan made it clear that De-stress is Interest. The meeting came to an end with vote of thanks delivered by Vishnu Prasad Followed by National anthem. The programme was organized by Dr.P.Nainar Sumathi and Dr.M.N.V.Preya Assistant Professor of English.

International Women's Day Celebration

International Women's Day was celebrated at National College, Trichy on 8th March 2023. The Chief Guest of the programme was **Mrs Fathima Bathool Maluk, Secretary and Chief Executive Officer of Master Group of Institutions.** Dr V. Sangeetha, Assistant Professor of



Mathematics delivered the welcome address. Dr K. Kumar, Principal of the College honoured the chief guest and presided over the function. The chief guest was introduced to the audience by Dr Nainar Sumathi, Assistant Professor of English. Dr D. Prasanna Balaji, Vice Principal expressed his felicitations.

The chief guest discussed several suggestions for students regarding how they can design their careers. She inspired the students to stand out in all their endeavours. During this celebration, outstanding faculty members and students were recognized. Several intra-departmental events were held in honour of Women's Day. The chief guest presented the winners with certificates and trophies. This year, the Department of Commerce won the National College Centenary Women's Day rolling trophy for overall performance. The event's coordinator and Assistant Professor of Mathematics, Dr Manju Somanath, proposed a vote of thanks.

26th January 2023 -Republic day

The Republic day was celebrated in our college on 26th January 2023. **Padma Sri S. Dhamodharan was the chief guest of the day. Shri S. Damodaran, founder of Gramalaya**, totally devoted his lifetime since 1985 only to promote household toilet facilities to the rural, urban poor, people living in the coastal regions, tribal areas and in town panchayats. In his address, the chief guest traced the situations that led to his founding of Gramalaya and particularly insisted in Menstrual hygiene. He highlighted the problems faced by women while using disposable sanitary napkins and explained by the cloth napkins designed by Gramalaya is more economical and environmental friendly. So far more than 5,91,000 reusable cloth pads for menstrual hygiene were promoted by him that has saved our environment, land and our water sources. Through household toilet promotion and hygiene education, he has empowered many women and adolescent girls on economical, social and health aspects in India.



FINE ARTS

Students of our fine arts club participated in Zen Fiesta 2023 an inter college cultural competition held at Holy Cross College on 24th February 2023. The competition was very exciting and our students won prizes in various events like Western Vocal, Stand up comedy, BrainWaves, Cooking without fire, Chart Painting, Poster making, Clay modelling, Hair dress, Jewelry making and many more events. They emerged as overall winner and won the trophy and a cash prize of Rs. 10,000.



Pongal Festival

Pongal festival was celebrated in a grand and gala manner by the department of Physical education. The students exhibited their talents of execution in a very precise manner. They also have arranged for many events which made the occasion a memorable one. Students and staff members turned out in a large number and the programme was great success.



Our women students registered a 35-23, 35-8 win over Bharathidasan University Departments in the Ball Batminton final to retain the title in the Bharathidasan University Inter-collegiate tournament for women held on 11th and 12th January 2023.

The Bharathidasan University inter collegiate handball tournament was held on February 1st and 2nd 2023. Our students secured the 4th place in the competition.



This issue is sponsored by the Alumni Association of National College, Tiruchirapalli.

Editorial Board: Dr. K. Kumar, Principal, Dr. R.Srividhya, Associate Professor of English, Dr. K.Govindaraj, Assistant Professor(SS) of Zoology & Dr.S.Senthilkumar, Assistant Professor(SS) of Botany

Principal-0431-2482995, Off: 0431-3202971, Fax - 0431-2481997, www.nct.ac.in