



## Celebrating Success: Graduation Day - 2022



Honoring the Graduates with Mr. Rampraveen Swaminathan, CEO of Mahindra Logistics Ltd

National College (Autonomous) celebrated its graduation day on March 5, 2022, with great fervor and pride. The day was graced by the presence of Mr. Rampraveen Swaminathan, the Managing Director and CEO of Mahindra Logistics Ltd., Mumbai, as the Chief Guest. The students were motivated and inspired by Mr. Swaminathan as he distributed the degree certificates and urged the students to enhance their skills and develop their leadership qualities. Dr. R. Sundararaman, the Principal of the college, presided over the graduation day ceremony and provided a comprehensive report on the achievements and milestones of the college over the past year. The college has received numerous grants and awards, including a grant of Rs. 104.00 Lakh from the Department of Biotechnology (DBT) under the STAR College Scheme, and a grant of Rs. 1,54,000 under the PM-YUVA scheme for its Entrepreneurship Cell. The undergraduate programs of the college saw exceptional results, with three departments - B.Sc Geology, B.Sc Biotechnology, and B.Sc Information Technology - achieving a 100% pass rate. B.Sc Mathematics, B.Sc Chemistry, and B.Sc Information Technology followed closely behind, with a pass rate of 99%, 98%, and 94% respectively. The graduate programs also recorded remarkable results, with Applied Geology, Mathematics, Zoology, Computer Science, Commerce, Tamil, Economics, Chemistry, and Geophysics achieving a 100% pass rate. The high placement rate, which is a testament to the quality of education and training provided

by the college, further strengthens the college's commitment to providing quality education to its students. The excellent performance of the students and their high placement rate is a reflection of the hard work and dedication of both the students and the faculty. National College (Autonomous) looks forward to continued success and growth in the coming years. The graduation day was not just a celebration of the students' academic achievements, but also a day for them to reflect on their experiences and pay homage to their alma mater. The 1079 undergraduates and 213 postgraduates who received their degrees on March 5, 2022 were full of pride and gratitude as they looked back on their time at the college. The students had nothing but high praise for the college, which provided them with not only a quality education, but also memories and friendships that will last a lifetime. They spoke of how the faculty and staff provided them with guidance and support, and how they felt challenged and inspired in their academic pursuits. The alumni of National College (Autonomous) were equally supportive and proud of the current students, who are now joining the ranks of the college's graduates. They expressed their support for the progress of the college and their willingness to help in any way they can. They reminisced about their own time at the college and spoke of the opportunities that it had provided for them. The graduation day was a testament to the strong bond between students, alumni, and the college. It was a day for the students to celebrate their achievements and for the alumni to reconnect with their alma mater. The students' positive reflections on their time at the college, and the alumni's support for its progress, will only serve to strengthen the bond between the two groups and ensure the continued success and growth of National College (Autonomous).



Celebrating Excellence with Inspiring Leadership

## College President Dr. Venkataraman Krishnamurthy Passes Away Leaving Behind a Legacy of Visionary Leadership

It is with deep sadness that we inform you of the passing away of our esteemed college President, Dr. Venkataraman Krishnamurthy. Our hearts are heavy with grief as we come to terms with this profound loss, and we offer our sincerest condolences to his family, friends, and colleagues during this difficult time. He graced the occasion of our college's 90th Graduation Day as the chief guest; where he expressed his desire to see our institution as a truly laudable 100-year-old institution in the centenary year 2019. Thanks to his leadership and guidance, our campus transformed into one of the best seats of learning with vital infrastructure and a conducive atmosphere.

Dr. Krishnamurthy was an exceptional leader, whose visionary contributions to the public sector heavy industries, will forever be remembered. He was a pioneering figure who transformed various public sector undertakings in India, such as BHEL, MUL, SAIL, and GAIL, into the most profitable industries in the country and beyond. He was affectionately known as the "Father of Public Sector Undertakings in India", and his legacy will continue to inspire generations to come. He was Member of the National Advisory Council from 2004 to 2008.

Apart from his remarkable achievements in the corporate sector, Dr. Krishnamurthy was also a distinguished academician. He was a Chairman of the Management Committee of IIM Bengaluru, IIM Ahmadabad and IIT Delhi. He also held prominent positions as the Chancellor of the Central University of Tamil Nadu, Thiruvavur, and the Indian Maritime University, Chennai. Dr. Krishnamurthy was awarded the highest accolades of the Government of India, including Padmashri, Padmabhushan, and Padmavibhushan, as well as Japan's "The Grand Cordon of the Order of the Rising Sun" in recognition of his outstanding contributions to the promotion of bilateral economic relations and understanding of Japan in India.

His passing has left a tremendous void in the college community, and we will forever be grateful for the guidance, wisdom, and inspiration he provided. We extend our deepest sympathies to his loved ones, and we join them in mourning this immense loss.

May his memory continue to inspire and guide us, and may his soul rest in peace.

Sincerely,  
The Editorial Team



## From the Secretary's Desk



Dear Reader,

I would like to express my appreciation to the faculty, non-teaching staff, and students for their efforts in ensuring the smooth functioning of the college during the challenging COVID-19 pandemic. Our sports students, who were eagerly awaiting the return to regular activities, performed exceptionally well and represented our college proudly in university tournaments. I am thrilled to announce that our college emerged victorious at the 39th Bharathidasan University Intercollegiate Athletic Meet for Women, winning the Championship Trophy. Furthermore, we successfully organized the graduation day ceremony post-pandemic, and many Memorandums of Understanding (MOUs) were signed. Most of the activities were conducted offline this time, enabling us to continue providing a well-rounded education to our students. I would like to extend my gratitude to the editors and members of the News Bulletin, Volume 16, No.2 Feb 2022 - June 2022, for documenting all the campus activities and providing us with a valuable record of our achievements.

- Secretary

# Inside

### Science

Biotechnology and Microbiology	4
Botany	7
Chemistry	8
Geology	9
IQAC	10
Computer Science	11
Statistics	26
Maths	13
Zoology	13
Physics	15
Physical Education	16

<b>MOUs Signed</b>	17
--------------------	----

<b>Commerce</b>	18
-----------------	----

### Arts

Commerce with Computer Application	19
Business Administration	20
Economics	21
English	22
Tamil	24
Hindi	25
History	25
Library	26
<b>Extension Activities</b>	28

## From the office of the Principal



Dear Reader,

The pandemic brought about significant changes in the field of education, leading our institution to commence its 103rd year by adopting online courses. Amidst these unprecedented times, our institution remained steadfast to its core values of nationalism, social responsibility, and grace, which have guided us throughout the years. We are incredibly grateful to have the complete backing of our management in our mission to nurture our students into well-rounded individuals, instilling in them both professional expertise and personal values. We are proud to have not only continued our educational initiatives but also to have developed innovative practices that make a positive impact on society. Our students have demonstrated remarkable resilience and adaptability in the face of adversity. They have continued to learn and grow, even in these challenging times. Our faculty members have also shown incredible dedication, going above and beyond to ensure that our students receive the best education possible.

- Principal



# Biotechnology and Microbiology

## Departmental Activities

On May 31st, 2022, a national awareness program on No Tobacco Day was organized by the faculty with Dr. Sriram Selvaraju, from the National Institute of Tuberculosis in Chennai, as the resource person. The program aimed to achieve the following outcomes: (i) create awareness about the harmful effects of tobacco consumption, (ii) reduce the production and supply of tobacco products, (iii) ensure effective implementation of the provisions under "The Cigarettes and Other Tobacco Products (Prohibition of Advertisement and Regulation of Trade and Commerce, Production, Supply and Distribution) Act, 2003" (COTPA), (iv) help the people quit tobacco use, and (v) facilitate implementation of strategies for prevention and control of tobacco advocated by WHO Framework Convention of Tobacco Control. Through this program, students would have gained knowledge about the dangers of tobacco use and the various strategies in place to combat it, as well as the importance of effective implementation of laws and regulations to reduce tobacco consumption.



The Department of Biotechnology and Apollo Shine jointly organized "International Day of Action for Women's Health" on May 28th, 2022. The event aimed to raise awareness about the importance of women's health and well-being, and to promote the rights and access to healthcare for women. The event featured keynote speeches from renowned experts in the field of women's health, as well as panel discussions, workshops, and interactive sessions on various topics related to women's health. The topics covered included maternal health, reproductive health, sexual health, and mental health. The event also provided an opportunity for attendees to network with other professionals and organizations working in the field of women's health. The goal of the event was to empower women to take control of their own health and to provide them with the necessary information and resources to make informed decisions about their health. The event was successful in creating a platform for the community to come together and discuss the importance of women's health and the ways in which to improve it.

"BioFest 2022," an intercollegiate competition with the central theme "Empowering Youth," was organised by the Department of Biotechnology and Microbiology, National College, Tiruchirapalli, on April 23, 2022. The purpose of the event was to educate and enlighten the young minds of tomorrow, who would serve society best. The student fraternity from various parts of the state, representing 14 institutions, participated in the event. The occasion was inaugurated by Mr. Sivakumar, Principal Incharge, and felicitated by Dr. B. Muthukumar, Dean and Head, Dept. of Botany, and Dr. PSS Akilashri, Vice-Principal (UAP) and Head, Dept. of Computer Science. The dignitaries and gathering were welcomed by Dr. M.S. Mohamed Jaabir, Head, Dept. of Biotechnology and Microbiology, and Dr. Vasanth D. Associate Professor, Biotechnology and Microbiology, proposed the vote of thanks. A team of 12 members from each participating institution competed in a variety of events on and off stage, such as bioextempore, scientific role play, mime, fireless cooking, bioart, face painting, poster presentations, meme creation, photography, and short film, etc. Over 213 students had registered for the day and gave wonderful feedback on the day and events. St. Joseph's College (autonomous), Trichy, grabbed the "overall winner" as "BioFest 2022." Bishop Heber College (autonomous), Trichy, was named first runner-up. Here are some photos and glimpses representing each event. Participants shared their opinions on the event, describing it as one of the most wonderful and educational experiences in recent years. A warm welcome and immediate responses to the queries encouragement of faculties and hospitality were additional mentions in the feedback.



Dr. D. Vasanth, Associate Professor, Department of Biotechnology and Microbiology, conducted a special session on Confocal Microscopy: A Promising Tool for the Life Sciences on May 30, 2012. Dr. J. Sebastian Raja, Manager-Applications Micro Imaging Division, DSS Imagetech Pvt Ltd, Bengaluru, served as the event's resource person. Around 50 students actively participated in this program.

The Department of Biotechnology organized a webinar on Deep Learning in Computational Biology on April 24th, 2022. The webinar was conducted by Miss Medha Pandey, a Research Scholar from the Department of Biotechnology at IIT, Chennai. The webinar aimed to explore the application of machine learning using complex algorithms and neural networks to depict a model. The event began with Miss Pandey introducing the topic of deep learning and its significance in computational biology. She discussed the importance of extracting big data and processing phenomenon in this field. She also highlighted the use of neural network connections and the various algorithms used in deep learning. The attendees were provided with an in-depth understanding of the applications of deep learning in computational biology. They learned about various techniques used to extract big data, process phenomenon and neural network connections. The attendees also gained an understanding of the importance of deep learning in computational biology and how it can help in predicting results and finding patterns.

application process, visa requirements, and the benefits of studying and working abroad. The attendees had the opportunity to ask questions and clarify any doubts they had regarding higher education and career opportunities abroad. Overall, the seminar was a great success and provided valuable information to the students.



On 26th March 2021, the Department of Biotechnology organized a one-day international webinar on 'Molecular markers in plant pathology' for Biotechnology and microbiology students. The webinar was conducted with the aim of providing an in-depth understanding of the application of molecular markers in plant pathology. The webinar was attended by students from various colleges and universities across the country. It featured several keynote speakers including Dr. John Smith, Head of the Plant Pathology Laboratory at the University of California, and Dr. Mary Williams, a renowned plant pathologist from the University of Oxford. The speakers discussed the latest advances in the field of molecular markers and their application in the diagnosis and management of plant diseases. They also highlighted the importance of molecular markers in understanding the genetic diversity of pathogens and their host plants. The students had the opportunity to ask questions and engage in discussions with the speakers. They also had the chance to learn about the various research opportunities available in the field of molecular markers in plant pathology.

A special talk on "Next Generation Materials" was held on June 13, 2022. The event was attended by students, faculty, and industry professionals. The event featured a panel of experts in the field of materials science, including Dr. Jennifer Sinthiya, senior application specialist at Vital Health Technologies in Qatar; Dr. Jaison Jeevanandam, senior researcher at the University of Madeira in Portugal; Dr. M. Ashok, professor at the National Institute of Technology in Trichy; and Dr. Kandasamy Saravanan, research professor at Kangwan University in South Korea. The panel discussed the latest advancements in the field of materials science and their potential applications in various industries. The event provided an opportunity for attendees to gain insights into the current state of research in materials science and the opportunities available in the field.



The program's intent is to update the biology teachers of various government schools in the various fields of modern biology. The programme engaged more than 400 biology teachers from various government and private schools in Tamil Nadu. The programme was conducted for 15 days (28-03-2021-13-4-2021) with vigorous participation and interactions. The programme concluded with the participant's request to conduct such programmes every year.

Dr.K.Arun and Dr.Senthilkumar (Department of Botany, National College, Trichy) conducted a One Day Hands-on training on Terrace Gardening, 20th May, 2022. Mr. K. Kamalakannan (Agricultural Officer, Mettur), the chief guest for this program, explained briefly about the uses of terrace gardens and the role of healthy food in a wealthy life. He created awareness among the students about the country seeds and their benefits, and he educated the students on how to prepare the bed for seedlings and how to select and maintain healthy plants for nutritious food, which leads to their good health. This programme was organised by the Department of Biotechnology & Microbiology and the Department of Botany. In total, 52

The "Higher Education and Career Opportunities in Abroad" seminar was held on 10th May 2022. The seminar was aimed at providing information and guidance to students of Biotechnology and Microbiology about the various higher education and career opportunities available in foreign countries. The resource person for the event was from Career Craft, Trichy. The seminar covered topics such as the

students actively participated in this programme. Our beloved principal, Dr. R. Sundararaman, inaugurated the function, and Dr. B. Muthukumar, Associate Professor and Head of Botany, facilitated the guest.



Under the DBT PG teaching and DBT star college schemes, the Head of the Department of Biotechnology and Microbiology, Mr. Mohammed Jaabir PhD, and the event coordinator, Dr. Rohini Gomathinayagam PhD, had invited Dr. Balayeshwanth Vummidi, founder and CEO of Inger Therapeutics Private Ltd., Chennai, to deliver a special lecture on June 24 at 6:22 p.m. for the PG Biotechnology students of NCT. Dr. Yeshwanth, as a biotechnologist who developed, demonstrated, and patented the suprabody library construction for therapeutic screening, lectured on "Suprabodies-Design and Development" and provided insight and knowledge on the initiation, design, and development of specific suprabodies. The lecture motivated the students with technological advancements prevailing in peptide nucleic acid (PNA)-based strategies and applications that include therapeutic screening. As a young entrepreneur, he shared his constraints throughout the screening and construction of suprabodies and the methods that he used to overcome the limitations. Student feedback named the session an interactive session that enabled them to understand how novel ideas could be effectively taken up and successfully implemented for entrepreneurship. The talk was well received by research aspirants and the faculty community, thus marking it as a very successful event.

The talk on Sericulture by Dr. A.S. Maheswari, Associate Professor of the Department of Zoology at Seethalakshmi Ramasamy College (Autonomous) in Tiruchirapalli, was held at the Department of Biotechnology and Microbiology at National College. Dr. Maheswari shared her experiences as an entrepreneur in the field and provided insight on the various career and educational opportunities available to students and faculty in the department of biotechnology and microbiology. The session was interactive, allowing students to engage with Dr. Maheswari and gain inspiration from her talk.

## Workshop & Field Visit

A one-day workshop on "Basic Microbiology Techniques" was jointly organised by the Department of Microbiology and Biotechnology and the Department of Zoology under

the DBT Star College Scheme on May 18, 2022. The UG and PG students of Zoology were given hands-on experience and demonstrations on the basic microbiological techniques, including the isolation of bacteria from environmental samples, different staining techniques, pure culture techniques, and other basic techniques. A laboratory manual was shared with the participants. Dr. C. Prasanna Kumar, Assistant Professor, and Ms. V. Miriam Sheba, Assistant Professor, Department of Biotechnology and Microbiology, acted as the resource persons.



A career guidance programme was organized at Kothari Sugars & Chemicals Ltd. Tiruchirappalli on 5th Mar 2022 for biotechnology students. The event aimed to provide students with information about the various career opportunities available to them in the field of biotechnology and how they can leverage their skills and knowledge to excel in their chosen field. The programme was conducted by experts from Kothari Sugars & Chemicals Ltd. who shared their experience and insights on the industry. The students also had the opportunity to interact with the experts and ask questions about the industry. The programme was well received by the students and provided them with valuable information and guidance on their future careers in biotechnology.



Two of our students Prachi Vihute and Gaus Pasha from II MSc Biotechnology has been cleared the GAT exam 2022.





# Botany

## Special Lectures & In-house Training

On January 3, 2022, Dr. S. Senthil Kumar, an Assistant Professor of Botany, hosted a webinar titled "Phytomedicine: Using Plants as Medicine in the Modern Era." Professor Sanjoy Kumar Pal, Head of the Department of Biological Sciences at Skyline University, Kano, Nigeria, was the speaker and discussed the use of plant bioactive molecules in modern medicine. The lecture emphasized the availability and importance of plant-based medicine. Both postgraduate and undergraduate students participated in the webinar.

As part of the memorandum of understanding (MoU) with ES Arts and Science College in Villupuram, a certificate course on "Mushroom Cultivation Technology" was held on May 26, 2022, as part of the staff exchange program. Dr. S. Senthil Kumar, an Assistant Professor of Botany, served as the trainer. The program was offered to Botany students from ES Arts and Science College and included hands-on training in mushroom cultivation, with a focus on selecting mushrooms, preparing spawns and beds, and maintaining the beds until growth.



As part of the memorandum of understanding (MoU) with ES Arts and Science College in Villupuram, a one-day workshop on Analytical Techniques was offered for undergraduate chemistry students. Dr. S. Saravanan, the Coordinator of NCIF at NCT, demonstrated and taught the students about advanced analytical equipment such as High Performance Liquid Chromatography, X-ray Diffractometer, and FT-IR spectroscopy. The students learned about the principles and applications of techniques like Scanning Electron Microscopy and UV Vis spectrophotometer.

On April 6, 2022, the Department of Botany held a one-day workshop on "Life Skills for Teens," organized by Dr. S. Senthil Kumar. Dr. M. Arulsubila, the founder and chief psychologist of Abi's Psychological Counselling and Research Centre, Tiruchirappalli, was the guest speaker. The workshop aimed to educate students on managing stress and developing a positive mindset as teenagers. The session was insightful for students in terms of goal setting and balancing work and life.

As part of the memorandum of understanding with Rabiammal Ahamed Maideen College for Women in Tiruvarur, a five-day certificate course on Mushroom Cultivation Technology was held from June 6th to June 10th, 2022 as part of the staff exchange program. Dr. S. Senthil Kumar, an Assistant Professor of Botany, served as the trainer. The training was offered to undergraduate students and included hands-on experience in cultivating mushrooms, with a special emphasis on selecting mushrooms, preparing spawns and beds, and maintaining the beds until growth.



A One-Day In-House Training on "Spectroscopy and its Perspectives" was organized by Dr. S. Senthil Kumar, Association Vice-President of Botany on 27-08-2021 for the PG students of botany. Ms. Varuna Kumaravel, Asst. Prof. of Biotechnology acted as the resource person and trained the students to handle UV-Vis Spectrophotometer for spectral

  
**NEWS BITES**

Dr. Senthil's research work has got highlighted in the 2021 Annual Report of the Department of Science and Technology (DST), Govt. of India. His work has been recognized as one of the "Major Success Stories of DST in 2021". This is the first time in the history of National College where our Professors research work is recognized to this greater extent.





# Chemistry

## Workshop, Seminar & Industrial Visit

The workshop on "Ornamental Fish Culture Technology" conducted by the Department of Chemistry on 28/04/2022 was a great opportunity for students to apply the concepts and knowledge they have gained in the classroom to a practical setting. The students, as chemistry majors, were able to learn how to manufacture organic feeds and create suitable environments for the ornamental fishes to thrive. The instructor emphasized that having knowledge of the chemical properties of different structures gives chemistry students an upper hand in this field. One of the key objectives of the workshop was to kindle the desire of the students to become entrepreneurs in the field of aquaculture. By providing them with a hands-on experience, the workshop aimed to expose students to the potential business opportunities in this field and how they can apply their knowledge and skills to create successful ventures. Additionally, the workshop provided students with a great way to learn about the science behind ornamental fish culture and gain hands-on experience that can be useful in their future careers. This is because the ornamental fish industry is a growing field and it is expected to continue to grow in the future. Furthermore, Ornamental fish culture is not only a profitable business but it also has a positive impact on the environment, as it can help in reducing the over-fishing in the wild and provide an alternative source of food. Overall, the workshop was a great way for students to gain a deeper understanding of ornamental fish culture technology and the potential opportunities it presents. It also provided them with a chance to explore their interests and passions, and set them on the path to success in this field.

the government. During the visit, the students were given a tour of the facility and were able to see the different stages of food processing, from raw materials to finished products. They also learned about the various machines and equipment used in the production process and how they are operated. The students were able to observe the company's adherence to safety protocols and regulations, and how they ensure that their products meet the high standards set by the government. The visit was a valuable learning experience for the students as they were able to see how the concepts they have learned in the classroom are applied in the real world. They were also able to understand the importance of precision and efficiency in the food industry and how it contributes to the success of a business. Additionally, the students were able to learn about the various career opportunities available in the food processing industry, and how their knowledge and skills can be applied in this field.



On 18-05-2022, the III BSc. (Aided) Chemistry students of a university visited Naga Limited, a Food Processing Company located in Dindigul, Tamil Nadu. The visit was organized as a learning opportunity for the students to understand how industries produce products at large scale yet with incredible precision. The students were able to observe the various processes involved in the production of food products and the latest innovations adopted by the company to meet the demand and safety standards set by

The one-day seminar titled "Food – Adulterants, Analysis & Auditing" held on 09-04-2022 by the University of Applied Sciences and the National Center for Industrial Food was a valuable learning opportunity for students. The seminar aimed to educate the students on the industry level standards, expectations, and how to meet them in the field of food industry. The seminar was a great platform for the students to gain insights into the wide range of opportunities available in the food industry, and how they can apply their skills and knowledge to excel in this field.

The seminar covered various topics related to the food industry such as food adulteration, analysis, and auditing. The speakers discussed the various techniques and methods used to detect food adulteration and how to maintain the quality of food products. They also discussed the importance of food analysis and how it helps in maintaining the safety and quality of food products. The seminar also covered the topic of food auditing, which is an essential aspect of the food industry as it ensures that the food products meet the industry standards and regulations. The seminar helped the students to understand the complexities and nuances of the food industry and the

various opportunities it presents. It also helped them to understand the importance of food safety and quality control, and how they can apply their knowledge and skills to contribute to the food industry. The seminar also provided a platform for the students to interact with industry experts and gain practical insights into the field. Overall, the seminar was a great learning experience for the students and it will help them to excel in their future careers in the food industry.

## Geology

Mr. B. Selvakumaran Research Scholar under the guidance of Dr. M. Murali, received BEST POSTER PRESENTATION AWARD in Second International Conference on Advances in Chemistry with Specific Reference to Catalysis, Sensors, Drug Delivery and Energy Materials (ICACSEM-2022), March 28-29, 2022, University of Madras, Chennai.



  
NEWS  
BITES

## Field visit & Internship Programme

On 12th March 2022, a group of II B.Sc., Geology students went on a one-day field work to the Karai Badlands in Ariyalur, Tamil Nadu. The Karai Badlands are situated along the Karai-Kulakkalnattam section of Perambalur District and are known for their unique geological formations from the Cretaceous period, which dates back approximately 65 million years. The area is known for its badlands, which are characterized by natural conical mounds and the presence of typical fossils from the Cretaceous era. During the field work, the students observed that the Cretaceous formations are exposed in the form of a series of conical mounds separated by gulleys. It is worth mentioning that the area around Ariyalur was once a marine ecosystem, and the Karai Badlands provide valuable insight into the geology and ecology of the ancient marine world. The field work provided a hands-on learning experience for the students, allowing them to see the Cretaceous formations and fossils in their natural setting and learn about the geological processes that formed the badlands.



From 19th April to 22nd April 2022, a group of III B.Sc., Geology students went on a five-day instructional field tour in and around Tamil Nadu. The purpose of the field trip was to study different geological formations and gain knowledge about the mining sector. The students were exposed to various geological formations, including their structure, lithology, stratigraphy, mining methods, and economic importance. The field tour covered several geological sites within Tamil Nadu, including Ariyalur, Neyveli, Salem, and Tiruchengodu. These sites were formed at different periods and through different geological processes, including marine and water-based processes, as

well as igneous and metamorphic processes. On 19th April 2022, a group of geology staff members and students visited the Sathanur Wood Fossil Park in Perambalur district, Tamil Nadu. The geology staff members and students visited the TANMAG Mine, which is one of the oldest mineral mines in the chalk hills and is known for its rich deposits of magnesite. On 21/04/2022, the geology staff members and students undertook a hiking expedition to the Kanjamalai Hill, located about 8km west of Salem district. The starting point of the hike was the Siddar Kovil, situated on the western side of the hill. The field trip provided a hands-on learning experience for the students, allowing them to see the geological formations in their natural setting and learn about the geological processes that formed the various sites. It also gave them an understanding of the economic importance of these geological formations, including their significance in the mining sector.



"Trichy will write a new history", the St. John's "Trichy Book Festival" was held for 11 days from Friday, September 16 to Monday, September 26, 2022 at the Vestry High School Grounds near Trichy Central Bus Stand. Our III B.Sc., students Mr. Sakthi saravan volunteered for this book festival and received a certificate from the Mr. M. Pradeep, IAS, District Collector of Trichy.



  
NEWS  
BITES



# Internal Quality Assurance Cell

## Lecture - 1



The Internal Quality Assurance Cell conducted two lectures based on the theme 'Sustaining Quality in Higher Education' to improve the efficiency and standards of the teaching staff this semester too. The first lecture in this semester was delivered by Dr. Mary Magdalene Abraham, Associate Professor of English and Deputy Coordinator of IQAC, Fatima College (Autonomous), Madurai, on the 26th of February 2022, on the topic "NAAC Accreditation: Moving towards A++". Her lecture was illuminating in many ways. She shared some of the best practices of her college for which the initiative came from the teachers who wholeheartedly contributed their best. She gave useful tips to collect data methodically and retrieve them at will. An important suggestion made by her was to geo-tag the photographs of the important events for future reference. She asked all the heads of the department to keep a copy of the 'Guidelines for Autonomous Colleges' and "Manual for Self-Study Report – Autonomous Colleges" for quick references and follow them earnestly. She suggested that the Internal Quality Assurance Cell convene frequent meetings for effective coordination of implementing all the seven criteria to raise the institution's standards. "When the Management, the teaching staff, the non-teaching staff, the students and all the stakeholders demonstrate their solidarity to achieve high institutional standards, the re-accreditation process will take care of itself," she added. She concluded by saying that ultimately every effort taken by the institution should translate into rigorous practice and all teachers should work in unison tirelessly.



## Lecture - 2



The second lecture was delivered by Dr. B. Vanitha, Professor and Head (Retd), Department of Economics, Bharathiar University, Coimbatore, and currently Secretary, KG College of Arts and Science, Coimbatore, on the 9th of April 2022. She spoke on the topic "OBE and CO and PO Mapping." As the Board of Studies meeting for all the departments and major revision of the syllabus were due, this Faculty Development Programme assumed significance. She initially outlined the various parameters for measuring the outcomes, especially the graduate attributes and placement of students. She also pointed out the fact how each department ought to synchronise their mission and vision statements with the institution's mission and vision statements. She advised the department heads to follow the Blooms Revised Taxonomy scrupulously and see to it that the course outcome mesh with the programme outcome. "Most of our courses focus on remembering and understanding. They rarely move to the level of applying. Even if they do so, these course outcomes hardly graduate to the level of analyzing, evaluating and creating. So, carefully construct your course outcomes so that the curricular objectives are met," she concluded. She answered the questions raised by the participants with particular reference to curriculum planning and course design. She emphasized the importance of considering the learning objectives and desired outcomes when developing the curriculum and course design. She also discussed various strategies for engaging students and ensuring the effectiveness of the instructional materials.





# Computer Science & IT

## Webinars & Seminars

On 18/03/2022, the PG and Research Department of Computer Science held a seminar on "Personal and Environmental Hygiene". The seminar was organized to educate the students on the importance of personal and environmental hygiene in maintaining overall health and well-being. The seminar was conducted in the context of the ongoing COVID-19 pandemic and the need to take appropriate measures to protect oneself and others from the virus. Mrs. Anitha Mary, RNRN (B.Sc), National College Nursing Office, Apollo Shine, Trichy, was the keynote speaker at the seminar. She gave a talk on the countermeasures that can be taken against COVID-19, including the importance of personal hygiene, such as frequent handwashing, and the use of masks and other personal protective equipment. She also discussed the importance of environmental hygiene, including the regular cleaning and disinfection of surfaces and the importance of maintaining physical distance. The seminar also provided the students with information on how to protect themselves and others from the virus, including the importance of staying informed and following the guidance of public health officials. The seminar also provided an opportunity for the students to ask questions and engage in discussions on the topic.



PG & Research Department of Computer Science, National College, Trichy conducted webinar on 18/09/2021 at 10.00 a.m. through Zoom Meeting. Dr. T. Velmurugan, Associate Professor, PG and Research Department of Computer Science and Applications, Advisor and Head, Department of Computer Applications, D.G.Vaishanava College, Chennai, gave a lecture on "Artificial Intelligence: A Modern Approach". He gave his insight on how machines robbed humans of their livelihood during industrial revolution, just because the humans underestimated the machines. The same kind of revolution is on its way and this time humans should have the right set of skills to face this upcoming revolution. By honing our skills in Artificial Intelligence, we can be at the right side of the war. He covered the fundamentals of AI, the growing reliance on IoT, Machine Learning, and network security.

On Saturday, September 27th, 2021 at 12.00 p.m., the PG & Research Department of Computer Science at National College, Trichy held a Webinar via Zoom Meeting. Mr.P.Sridhar Raj, Freelance Trainer, gave a lecture on "Fundamentals of Big Data," which is the process of processing, examining, and modelling data in order to extract information. He explained how Data analysis is used in all fields such as technologies, business and research. As a growing field it has set its root strongly on job marketing, business perspective, data science, and real-time usage. It is the process of examining large data sets in order to highlight patterns and insights. The participants had a great time and learned a lot about BigData and its real-time applications.

On 11/12/ 2021, the PG & Research Department of Computer Science, National College, Trichy organized an Inauguration of Student Internship Training Program via Zoom Meeting. Mr.Jambukumar and Ms.Lakshmi from Ceasura Technologies gave the address, explaining how an internship can help bridge the gap between academics and the workplace. Our economy is evolving daily, so the abilities, skills, and experience required to participate in that growth cycle are changing as well. The job market is competitive, and young graduates often face a steep learning curve. Internships stops students from considering themselves as novice and brings them out of their comfort zone.



2K22 an Inter-Collegiate Technical Symposium on 11/05/2022 in the College Auditorium. Mr.I. Johnson, Managing Director & CEO, Shalom Info Tech, Trichy, inaugurated the function. He signed an MOU with PG & Research Department of Computer Science, National College, Trichy. On his address, he insists the students to improve the technical knowledge, and not to forget about soft skills. He explained how he finds these two things to be common in all the personalities who have made a name for themselves in the market. He proceeded to teach on how to predict the upcoming technologies and job opportunities.

He covered the importance of digital marketing and its power over other marketing, and insisted students to have meticulous planning to attain their goal. Nearly 141 students attended in-plant training in Ceasura Info Tech and Mr.RamanSwaminathan, Head, Delivery of Excellence, IBM, Chennai distributed certificates to the students. More than 151 competitors from 14 Colleges were participated. Students bagged many Prizes. Bishop Heber College, Trichy won the Overall Championship.

## Industrial Visit

PG & Research Department of Computer Science students at Mysore for the Industrial Visit on May 5, 2022.



## Workshops



A Two-day workshop on “R-Programming” was held on 25th & 26th April 2022 at Computer Laboratory. R is one of the most preferred open-source languages for analytics and data science. The cross-platform compatibility of R and its capacity to handle large and complex datasets makes it an ideal tool for academicians to analyse data in their labs. At the end of the session, the participants added one another skill to their skill set.



PG & Research Department of Computer Science, conducted a two-day workshop on Thursday and Friday, 22nd and 23rd September 2022 at 9.00 a.m at Meeting Hall-1. Resource person Mr.V.Vamsikrishna, M.Sc., M.Tech., MCA., M.Phil., (Ph.D) Bharathidasan University (Research Scholar) engaged the session on “Software Testing- Tools”, and urged the students to have innovative thinking so they can solve complex problems in programming. He introduced Selenium Software Testing Tools and gave a hands-on session to the students. Students became aware of the software's reliability in the programming field.



Mr.S.R.SANJAY and Mr.S.ABISHEIK of B.Sc Computer Science secured the first place in the Debugging event taken place at Shrimathi Indira Gandhi College in Trichy. In addition, they competed in the Software Development event and won the II prize.



Our final year UG students M.DINESH KUMAR and S.JAYSARAVANAN won the FIRST PRIZE in the event "Link" and the SECOND PRIZE in the event "Double Deal" at Shrimathi Indira Gandhi College, Trichy. S.KAILASH won the FIRST PRIZE in the Just-A-Minute event.



J.Nivetha of III B.Sc Computer Science has participated in “Neengalum Agalam RJ” competition and won the FIRST prize – conducted by Kumudham Sinehidhi Aahaa Kondaatam-2022 at Shrimathi Indira Gandhi College, Trichy.





# Mathematics

## Lecture

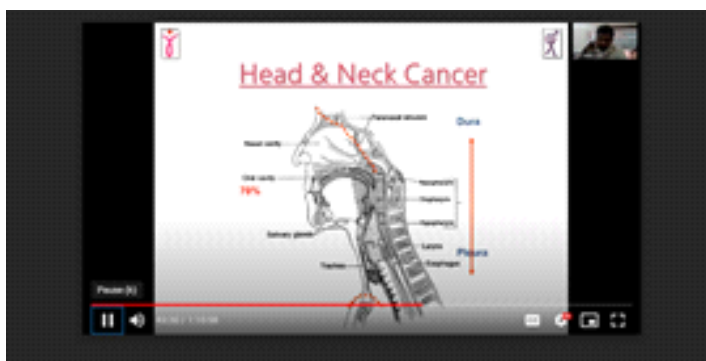
The Department of Mathematics (UAP) conducted a special lecture on 11/04/2022. The guest speaker for the event was Dr. M. VENKATACHALAPATHY, Professor, Department of Mathematics, K. Ramakrishnan College of Engineering, Trichy. The topic of the lecture was "REAL LIFE PROBLEMS IN MATHEMATICS". Dr. Venkatachalapathy explained how to apply mathematics in real life, through examples from various fields such as finance, engineering, physics and statistics. He discussed the use of random processes and their importance in solving real-world problems. The students were able to gain a better understanding of the practical applications of mathematics and how it can be used to solve real-life problems. The chief guest also emphasized the importance of mathematics in higher studies and its significance in various fields. He encouraged the students to pursue a career in mathematics, highlighting the many opportunities available for those with a strong mathematical background. His clear and motivational lecture reaffirmed the student's decision in

choosing a mathematics degree over others. Overall, the special lecture was a great opportunity for students to gain insight into the practical applications of mathematics and how it can be used to solve real-life problems. The lecture also helped to increase the students' interest and motivation in mathematics, and reinforced the importance of mathematics in various fields.



# Zooology

## Webinars & Workshops



The Post Graduate and Research Department of Zoology, organized an Online Lecture on 09-03-2022 under the DBT-STAR College Scheme. Dr.P. Santhosh Rajan, MDS in Oral and Maxillofacial Surgery, Penn and Aan Nalam, Hospitals, Chennai, and Dr. Loheitha Raja, DMO, Penn & Aan Nalam, Hospitals, Chennai were invited as the chief guest. The Session was started by Mrs. Radhika Santhanakrishnan, the Founder of Penn & Aan Nalam Hospitals, Chennai. The speaker gave a brief outline of the aim, goals and activities of Penn & Aan Nalam Hospitals in spreading awareness and diagnostic measures for Cancer, peculiarly to the under privileged sections of woman in India. Her speech was followed by a documentary focusing the activities and rallies made by the Penn Nalam unit. The session was

followed by Dr.Loheitha Raja. In her lecture she focused on diagnosing breast, cervical and oral cancer at an earlier stage. It was followed by a video emphasizing the importance of taking regular test and checks to stay fit and free from breast and cervical cancer. After the video, the session was taken over by Dr. P. Santhosh Rajan, where he spoke on oral cancers and its stages.

The Post Graduate and Research Department of Zoology, organized a webinar on 06-04-2022 under the DBT-STAR College Scheme. Dr. S. Jagannathan, Assistant Research Officer & Officer In-charge Production Unit, Pasteur Institute of India, Coonoor, delivered a lecture on "Recent Advancements in Vaccine Production Technology". The speaker started the session by briefing out the structural set up of Pasteur Institute of India, how it was started for production of Rabbits vaccines during ancient times. He then discussed what are vaccines and their basic types. How are vaccines produced, right from the addition of antigens like VLP (Virus like particle), live attenuated form of microbes, subunit vaccines containing capsids or polysaccharides from pathogen as antigen, etc.,. The speaker also enlightened on the upstream and downstream processes involved in manufacturing of vaccine for both bacterial and viral diseases. He also threw

light on recent trends involved in the production of recombinant r DNA vaccines, Vaccine produced by reverse transcription methodology, etc. The session also dealt in detail about how COVID 19 vaccines are produced after several clinical trials. On the whole, it was a wonderful and highly informative lecture. The lecture was highly resourceful for both UG and PG students.



PG and Research Department of Zoology organized the STAR college scheme sponsored One-day Workshop on “Molecular Separation Techniques” on 10.05.2022. The workshop began with a brief lecture provided by Ms. D. Gayathri, on Electrophoresis and its types, difference between Agarose gel electrophoresis and Polyacrylamide gel electrophoresis, their real time application, chromatography and its types, nature of stationary and mobile phase, basic solvents used as mobile phase and various types of chromatographic techniques like HPLC, GC – MS, ion exchange and Affinity chromatography was conceptually explained to students. The lecture was followed by the demonstration of Agarose gel electrophoresis and Paper chromatography. The students visualized step by step procedure for preparation of buffer, casting of gel, running the gel in chamber and UV – visualization of gel, after the completion of gel running process. In paper chromatography they were taught to calculate the Retardation Factor for each dye of ink used in the demonstration and the students also learnt how the dyes separate themselves based on their affinity with the solvent. The students also learned about various applications of electrophoresis of DNA samples like their utility in Forensic Sciences, Medical diagnostics, relationship detection and to elucidate the amplified DNA after running PCR.

Department of Zoology in association with the Department of Chemistry conducted a One-day workshop on

Ornamental Fish Culture Technology. Dr. C. Amutha, Assistant Professor, Department of Animal Behaviour and Physiology of Madurai Kamaraj University was the chief guest. The students of PG & Research Department of Zoology attended the one day workshop on “Ornamental Fish Culture Technology” conducted by the Department of Chemistry of our college on 28-04-2022 under DBT – STAR college scheme. Dr. C. Amutha, Assistant Professor, Department of Animal Behaviour and Physiology of Madurai Kamaraj University was the resource person. She explained the importance of different ornamental fishes at aquaculture point of view and global market level of ornamental fish culture, methods of ornamental fish culture, techniques of ornamental fish culture including natural and artificial method and explained the importance of Phyto-chemical compound on ornamental fish breeding. Our zoology students were benefitted and got ideas on ornamental fish culture as the experimental organisms as well as entrepreneurial resources.

The PG & Research Department of Zoology in collaboration with Department of Biotechnology and Microbiology, of our college arranged for a one day workshop on Basic Microbiology Techniques for UG & PG students of zoology under DBT – STAR college scheme on 18-05-2022. Dr. C. Prasannakumar and Ms. V. Miriam Sheba, Assistant Professors from Department of Biotechnology and Microbiology, National College, Trichy were the resource persons. The students had theory session at UG zoology lab on basics of culture techniques, preparation of media, gram staining, serial dilution and other microbiological techniques and after the end of theory session the students were taken to biotechnology lab and had demonstration cum hands-on training on spread plate culture, streak culture, evaluation of motility of bacteria, gram staining, antibacterial sensitivity, assessment of quality of milk through methylene blue test. The students also had sessions on cyanobacteria and its application on biofuel production and culture of hydra under sterile lab conditions.

## Industrial Visits



25 UG Students of PG & Research Department of Zoology accompanied by Dr.D.Kandasami, Ms. D. Gayathri & Dr. A. Janakiraman (Teaching Staff) and Mr. M. Nehruji (Non – Teaching Staff) proceeded to Kodaikanal on 11/04/2022 under student oriented activities (Field visits) of DBT Star

College Scheme. The students visited man-made Star shaped Kodaikanal lake, Kurinji Andavar Temple, Manavoor Eco tourism Site, Coaker's walk, Sacred Heart's Museum at Shenbaganoor.



Students of III B.Sc., Zoology and I and II M.Sc., Zoology accompanied by Dr. P.K.Ramasamy, and Dr. S. Thangaraj proceeded to a one day field visit to the Department of Sericulture, Farmers Training Centre, Manikandam, Tiruchirappalli on 26.04.2022 as a part of DBT-Star College Scheme. Mr. Perumal, Deputy Assistant in Sericulture department gave a lecture on silkworm rearing. He also explained it from commercial point of view so if anyone of the students wish to switch career in future, they may consider sericulture as one option. He also explained how to identify the silkworm for rearing, collection of cocoons from rearing tray. The students were then taken to the Tamil Nadu Sericulture Farmers Training Centre, Manikandam, where the technical officer, Mrs. Amutha explained about mulberry plants culture, especially sapling, pruning, cutting and irrigation of the mulberry plants. She explained different varieties of mulberry plants and their various nutritional compositions and tools used for sericulture farming.

## Physics

### Department Activities & Field Trip

The Department of Physics organized a special lecture on the theme of "Recent Developments in Physics Research" by Dr. K.S.S. Sastry, Assistant Professor of Physics, Bharathidasan University, Trichy. The lecture provided an insight into the latest research in the field of physics and its applications in various industries and technologies. Students were also informed about the various career opportunities available in the field of physics. The lecture helped to inspire and motivate students to pursue higher studies and research in the field of physics. Overall, the National Science Day celebration was a great success, and it helped to create awareness among students about the latest developments in the field of physics and the opportunities available in this field.



active research development in the field of Aeronautics, Mechanics, Chemicals, Space physics and system reliability. The Space museum showcases the history and achievement of Indian space program. The Students saw the full-scale model of PSLV, and the scale down models of PSLV, GSLV, GSLV MK III.



Physics Association Meeting was organized on 26/04/2022. Dr. S. Esakki Muthu, Department of Physics, Karpagam Academy of Higher Education, Coimbatore was the resource person. He delivered a lecture on the topic "Energy Harvesting Materials and Its Application". He spoke from his years of experience and explained intricate. The lecture was well received and the students interacted the resource person with many questions.



An industrial visit to Vikram Sarabhai Space Center (VSSC) and Priyadarshini Planetarium Thiruvananthapuram was organised by Department of Physics (UAP) on April 08 & 09th 2022. Forty-eight Post and Undergraduate students along with four faculty visited the place. Considered as the birth place of Indian Space program, the Centre pursues

# Physical Education

## Departmental Activities & Awards

The 103rd Annual Sports Day was held on April 27, 2022 and was organized by the Department of Physical Education. The event was graced by the presence of Mr. Ajay Jayaraj, CEO of Jayaraj Group and Mr. Ajay Thangam, Assistant Commissioner, Cantonment, Trichy as guests of honor. The Director of Physical Education, Dr. Prasanna Balaji, presented the Annual Sports Report in the presence of the Secretary and Principal. The sports day featured a variety of games for both students and staff to participate in. The winners of each event were recognized with certificates and awards. The overall champion of the games was the Department of Maths, while the Department of Physical Education emerged as the overall champion in Athletics. In addition to the traditional sports events, the sports day also featured a number of highlights including an Aerobic Dance and Human Pyramid performance. These performances were a visual treat for the audience and added an extra element of excitement to the event.



college-level cricket. The tournament was a closely contested affair with some of the best teams in the region participating. The matches were held over a period of several days, and our team played some exciting and high-quality cricket. They won several matches and advanced to the finals where they faced a tough team.

Yi (Young Indian) and CII (Confederation of Indian Industry) joined hands and presented 'Rocksolid Support Award' to Dr. D. Prasanna Balaji, at the Annual Convention organized on 19th December 2021.



On 06th April 2022, the college cricket team from our college participated in the Bharathidasan University Intercollegiate Cricket Tournament (Men) and emerged as the first runners-up. The tournament was held at the Bharathidasan University cricket grounds and saw participation from various colleges across the region. The team had been preparing for the tournament for several weeks, with rigorous training and practice sessions. The players were determined to give their best shot and make a mark in the tournament. The team was led by a captain who was a seasoned player with several years of experience in

In the celebration organized by the Physical Education Foundation of India, 5th PEFI National Awards ceremony, New Delhi, Dr. G.P. Gautam Award for Best Physical Education Teacher of South Zone, was awarded to Dr. D. Prasanna Balaji Vice-Principal & Head, PG & Research Department of Physical Education on 11th March 2022. The award was given in recognition of his immense contribution in the field of Physical Education and Sports, in the presences of the Organizing Secretary, Dr. Khetan Kumar, the working president, Dr. A.K.Uppal, and Joint Organising Secretary, Dr. Sharad Kumar Sharma.



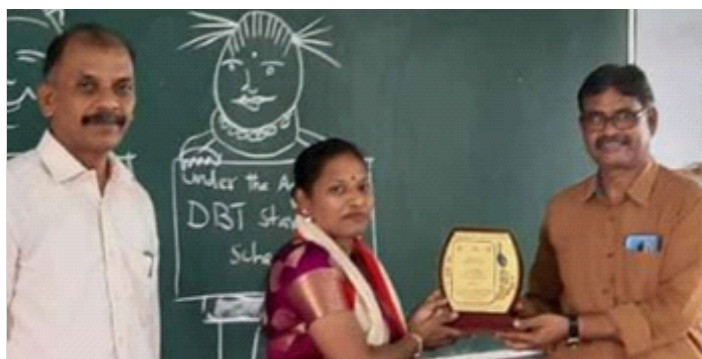


# MOUs Signed

with Universities/Research Centers/Factories



## ES Arts & Science College & Rabiammal Ahamed Maideen College for Women, Thiruvapur



On May 11, 2022, the Department of Botany established two significant partnerships through a memorandum of understanding (MoU) with ES Arts and Science College in Villupuram and Rabiammal Ahamed Maideen College for Women in Tiruvapur. These agreements signify a step forward in fostering academic cooperation and expanding the potential for scientific research and development. The principal of ES Arts and Science College, Dr. V. Shanmugaraju, visited the Department of Botany, Biotechnology, and NCIF facilities with Dr. S. Sridevi, the principal, and Dr. R. Sumathi, the IQAC Coordinator of Rabiammal Ahamed Maideen College for Women in Tiruvapur. The visit provided an opportunity for the

principals to familiarize themselves with the resources and facilities available for academic and research purposes. By exploring these areas, they can gain insight into the potential benefits of establishing a partnership with the Department of Botany. The MoUs signed with ES Arts and Science College and Rabiammal Ahamed Maideen College for Women in Tiruvapur enable staff and student exchange, allowing for the exchange of knowledge, resources, and collaboration on various training programs, conferences, and workshops. Such partnerships are beneficial in promoting mutual understanding, expanding research opportunities, and strengthening academic relationships between institutions.



## Shalom Info Tech, Trichy



On May 11, 2022, the PG & Research Department of Computer Science, National College, Trichy, organized NACOTECH-2K22, an inter-collegiate technical symposium held in the college auditorium. Mr. I. Johnson, the Managing Director & CEO of Shalom Info Tech in Trichy, inaugurated the function and also signed a memorandum of understanding (MOU) with the PG & Research Department of Computer Science at National College. During his address, Mr. Johnson emphasized the importance of improving technical knowledge and developing soft skills. He explained how these two traits are common in successful professionals and encouraged students to work on developing them. He also provided insights on

predicting upcoming technologies and job opportunities, and shared the significance of digital marketing and its power over traditional marketing methods. Mr. Johnson urged students to have meticulous planning and determination to achieve their goals. The symposium provided a platform for students from various institutions to showcase their technical skills and talents. The event consisted of multiple technical competitions, including paper presentations, poster presentations, and coding competitions. These competitions allowed students to demonstrate their technical knowledge and problem-solving abilities while also learning from their peers.



# Commerce

## Departmental Activities



The PG & Research Department of Commerce, in collaboration with the Placement and Career Cell, organized an Awareness Programme on the title "How to Study and Crack Competitive Exams" on 23/03/2022. The programme was intended to provide guidance and tips to students on how to prepare for and succeed in competitive exams. The programme featured two resource persons, Mr. C. S. Mani, Centre Director, and Mr. T. Vijayakumar, Deputy General Manager of TIME Institute. They began the programme by providing a comprehensive list of the various competitive exams that are conducted every year, and highlighted those exams that commerce students have an advantage over candidates from other degree programs. The resource persons then went on to explain the level of preparation required for each exam, and the strategies and techniques that students need to adopt to compete with other aspirants who may have been preparing for years. They also shared insights on what it takes to clear the exams and the importance of time management and hard work. They provided tips on how to make the most of available resources and how to overcome exam related stress and anxiety. The objective of the programme was to empower the students with the knowledge and skills required to face the competitive exams with confidence and to help them to understand the importance of proper planning and preparation for success in the competitive exams.

On 15th March 2022, the PG & Research Department of Commerce celebrated World Consumer Rights Day. The resource person for the event was Rtn. U. Rubini, who began her talk by emphasizing the importance of consumers in the market and how protecting their rights leads to greater reputation and fame for businesses. She then delved into the topic of "Consumer Rights and Protection." During the program, the students gained a deeper understanding of current consumer rights and the ways in which they can be protected from exploitation. Rtn. U. Rubini explained the significance of consumer rights and the role they play in ensuring fair and just treatment for customers. She also discussed the various laws and regulations that exist to protect consumer rights and how individuals can use these laws to defend themselves. The students were provided with a wealth of information on how to be informed and responsible consumers, and how to take action when their rights are violated. They were also encouraged to be vigilant and aware of their rights, and to speak out against any unfair practices that they may encounter. The celebration of World Consumer Rights Day served as a reminder of the importance of protecting consumer rights and the role that consumers play in driving the economy. It also gave students a valuable opportunity to learn about their rights and how to protect themselves as consumers.



School of Commerce, organized "Knowledge Enrichment Programme" on 17.03.2022, at Kamakoti Block. Dr.T. SureshKumar, the Librarian of National College gave a brief note on NCT Library's holdings like Printed books, audio books etc., He shed light on how libraries have evolved over the years and libraries are not only the depository of print books but also digital materials. He taught students how to find books on and off library. He asked the students to be familiar with the jargons of library such as, Open Access Books, genre, journals, periodical, research articles, citation, and bibliography etc., He explained that despite the digital domination, voracious readers still prefer print books over eBooks. He concluded how the writers were once readers, and readers started off by picking a book. It's never too late to pick a book.





The School of Commerce conducted "COMMERCE MARKETING CLUB" on 09/04/2022. Dr. R. Mathangi, Assistant Professor of Commerce (UAP), National College, Tiruchirappalli, acted as the Chief-Guest and delivered her talk on how to enhance marketing skills. It's not just the good communication skills which the students have to hone but their knowledge on the market too. Content is more important than the deliverance. U. Karthikeyan and B. Gowtham of I M.Com explained the strategies followed by the corporate giants when introducing products in the markets. They explained that nothing works by just sitting behind the desk, and meticulous research has to be done before introducing any product.

The School of Commerce on 11/03/2022 conducted a Debate on "Social Networking – Is it useful or waste of time". Students who were not in the debate too raised their opinions at the end and the debate was enthusiastically carried on. Some of the points made to support its usefulness garnered the attention of everyone in the room. Those are: how social network is cost effective in bringing the product to the customers; how Digital Marketing has overtaken other mode of advertisements such as Television, Newspapers, and billboards. The debate concluded that the Social Network is just a tool, and it can't neither be good nor bad as it doesn't have a mind of its own. The user gives meaning to it by their actions.

## Departmental Activities

On 25th April 2022, the Department of Commerce CA organized an Association Meeting, inviting Dr. M. Praba, Assistant Professor of PG Research Department of Commerce at Holy Cross College (Autonomous) in Trichy, to speak on the topic "Idea to Startup." Dr. M. Praba shared her insights on the importance of having a good idea for a startup and how it is more important than capital. She explained that many entrepreneurs believe that capital is the primary requirement for starting a business, and overlook the importance of a good idea. However, she argued that without a solid idea, a startup cannot survive in the market and will struggle to compete with established players. Dr. M. Praba highlighted that the ideas for startups can come from a variety of sources, such as identifying untapped markets, inventing or innovating a product, delivering a service at an affordable cost, meeting the supply and demand of consumers, etc. The Association Meeting provided the students and faculty members with valuable insights and guidance.



## B.Com., C.A

Janani, Assistant Professor, Department of Commerce (CA), Holy cross college (Autonomous), Trichy, to talk on the topic "Blockchain Technology". The speaker expressed her concern on how the Blockchain technology is used in transactions, yet the students of commerce couldn't dominate the field. The presumption that the Blockchain field expects only IT and Computer degree holders hinders the candidates of other degree from entering the field. The speaker then advised the students not to limit themselves with competitive exams, Chartered Accountant, Banking sectors, but to step into the age of Information.



On 22/08/2022 Department of Commerce (CA) invited Dr.M.

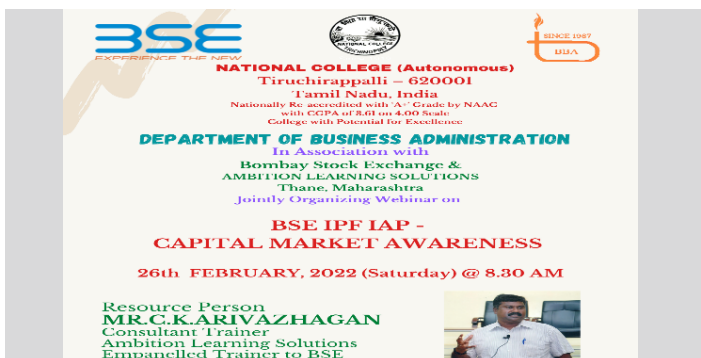
The Department of Commerce CA of National College (Autonomous) in Trichy organized the COM CA FEST 2022 on 17th October 2022. The event was a platform for students of commerce and CA to showcase their talents and skills, and to celebrate their achievements in the field. The Chief Guest for the event was Dr. R. Manickavasagan, the Head of the Tamil Department of National College (Autonomous), Trichy. Dr. Manickavasagan is a well-known scholar and educational leader in the region, and his presence at the event was a great honor for the department.



# Business Administration

## Webinar

Department of Business Administration, in association with the Bombay Stock Exchange, organized a webinar on the topic of "Capital Market Awareness and Wealth Creation" on 26-02-2022 at 8.30 AM. Mr. C.K.Arivazhagan, Consultant Trainer, Ambition Learning Solutions, Empanelled Trainer to BSE Chennai, was the resource person. Overall, the purpose of the webinar is to educate and inform individuals about the opportunities and strategies that can be used to create wealth through the capital market. It will help the attendees to understand the basics of the capital market and the different investment options available, as well as the risks and rewards associated with each option. Additionally, it will also provide attendees with practical insights and techniques for creating and managing wealth through the capital market.



## Workshop

Department of Business Administration organized a workshop titled "Financial Education for Young Investors" on 26.03.2022. Dr. K. Devaraju, Assistant Professor, Department of Business Administration, Jamal Mohammed College, Trichy was the resource person. He stated that investing in the share market means buying stocks of a company. To purchase shares, one must first approach a SEBI-registered member, or broker, of a stock exchange. He said that Investing in the stock market is the most common way for beginners to gain investment experience.



## Seminar

The Department of Business Administration has organized TANSICHE sponsored one-day national-level Seminar on 20.04.2022 titled "Poverty Eradication and Economic Impact on Tamil Nadu's IllamTheadiKalvi Scheme". Nearly 310 members participated, and around 43 papers were presented in the Seminar. Dr. G. Rajesh, Assistant Professor, Department of Business Administration, was the convenor. Mr. P. Sridharan, IRS, Joint Commissioner of Income Tax, Trichy gave an inaugural address, and M.Ananthan, Commandant / Superintendent of Police, TSP 1 Battalion, Crawford, Trichy, gave a special address. Dr. K. Ramesh Kumar, ICSSR Project Director, Dept. of Economics and Rural Development, School of Social Sciences, Alagappa University, Sivaganga and Dr.V. Loganathan, Head & Assistant Professor, Dept. of Economics, Madurai Kamaraj University, were the resource persons. The participants were insisted that education must be available to all sections, and the government had initiated steps towards achieving this goal. The scheme also promotes social justice, self-respect and a humane approach. The scheme was evolved to address the learning gap that had arisen among students due to the closure of schools during the pandemic-induced lockdown.



## Industrial Visit

The Department of Business Administration organized an Industrial Visit from 07/04/2022 to 09/04/2022 to Sea Blue Shipyard Ltd, Kochi.



The visit was arranged with prior permission and guidance of the JD Office and the Industry. Details of Journey: At the very beginning of the visit Mr. Joe Lalson who works at Sea Blue Shipyard Ltd as a Project Engineer gave an excellent lecture for one hour to our students at the Industrial Conference Hall. Then the students were given a direct demonstration of the functioning of the industry. The students learned about these departments and how they performed virtually. It was a wonderful and informative experience of visiting different industries.

## Departmental Activities

Department of Business Administration inaugurated "Henry Fayol's Club of Management" on 13.05.2022. Dr. B. Sekar, Assistant Professor of the Department of Commerce, was the chief guest for the morning session. The afternoon session was devoted for paper presentations and nearly 13 students presented their papers. Dr. G. Rajesh, Assistant Professor, Department of Economics and Dr.A. Krishnaveni, Assistant Professor Zoology, were the guests. And finally, students were given certificates by Dr. R. Sundaraman, Principal.



Department of Business Administration organized a Ten-Day Entrance Exam Coaching Session with Dr.M.Chandra of TANCET as the resource person. The programme was scheduled from 21.04.2022 to 8.05.2022. Based on the syllabus, students were trained, and mock tests were conducted to boost their confidence. The students will be trained on various topics covered in the exam and be provided with adequate knowledge and understanding of the same. Mock tests were conducted to help boost the students' confidence and to evaluate their level of preparedness for the exam. This coaching session is a great opportunity for students who are planning to take the TANCET exam. With expert guidance and proper training, it will help students to score well in the exam and secure admission into the MBA program of their choice. The mock tests will also help students to identify their weak areas and work on them to improve their chances of success.



## Economics

### Lectures

The PG & Research Department of Economics hosted the Inauguration of Economics Association on September 23rd, 2022. The event was well-attended and the guest speaker, Dr. S. Rajendran, delivered a thought-provoking lecture on the topic "What's Next ?". Dr. S. Rajendran is a Professor of the Department of Economics at The Gandhigram Rural Institute (Deemed to be University) in Gandhigram, Dindigul District. With extensive knowledge and experience in the field of economics, Dr. Rajendran was the ideal speaker for the Inauguration of Economics Association. His lecture provided valuable insights into the future of the economy and the job market, and was highly relevant to the students in attendance. The topic of "What's Next ?" is highly relevant to economics students, as it provides insight into the future of the economy and the job market. The lecture delved into the current state of the economy and discussed the impact of various factors such as technology and globalization on economic growth. Dr. Rajendran also explored the changing trends in the job market and the skills that students need to possess to succeed in the future. The lecture was well received by the audience and sparked a lively discussion among attendees. The insights provided by Dr. Rajendran were highly valuable to the students, as they offered a glimpse into the future of the economy and the job market.

The PG & Research Department of Economics held its Valediction of Economics Association on January 23rd, 2023. The event took place in the Meeting Hall and was attended by a large number of students, faculty, and guests. The guest speaker for the event was Dr. R. Rajendran, an Associate Professor of the Department of Economics at Thanthai Periyar Government Arts & Science College, Tiruchirappalli. The introduction of the guest was delivered by Dr. R. Geetha, an Assistant Professor, who provided an overview of Dr. Rajendran's background and expertise. The guest was honored by Prof. K. Elango, Head of the PG & Research Department of Economics National College. Dr. Rajendran's key note address was on the topic of "Trends in Tamil Nadu Economy". The lecture provided valuable insights into the current state of the Tamil Nadu economy and discussed the various factors that influence economic growth in the state. The lecture was well received by the audience and sparked a lively discussion among attendees. The Valediction of Economics Association was a significant event for the PG & Research Department of Economics National College, as it provided students with valuable insights into the Tamil Nadu economy and the factors that influence economic growth. The lecture by Dr. R. Rajendran was highly informative and provided valuable insights into the topic of "Trends in Tamil Nadu Economy".

# English

## Webinars, Lectures & Conferences

PG & Research Department of English (Aided) conducted a Literary Association meeting on 07.03.2022. Dr.Vinita Gupta Chaturvedi was invited to lecture about "20th Century Modernism: Wrench from the Past or a Continuum?" Dr. Vinita's presentation talked about the most dynamic and vibrant period in history of literature where ground-breaking experimentation and innovation were taking place not just in the field of literature but across other artistic fields like visual arts and performing arts. Modern art and literature marked a break from the conventions and traditions of the preceding age which was reflected in the modernists' loss of faith, sense of alienation, the artist seeking new ways of representation; all of which resulted in their carrying out series of stylized experiments in their chosen medium. Finally she discussed how some of these experiments are carried out by the representative novelists, poets and dramatists of this age and wonder whether this is old wine in a new bottle or if it is, like Terry Eagleton said, an adolescent's rebellion, marking a rupture with its parentage.

Journal Club organized an online meeting on 14/03/22. Dr.Priyanka Singh Assistant Professor of English, Arya Kanya Mahavidyalaya, Shahabad, Makranda, Kurukshetra, Haryana was the resource person. She delivered a lecture on "Honing Newspaper Reading Skills: An Art Par Excellence." She discussed about the importance of newspaper reading and the art of reading. Dr. R.Elavarasu, Head Department of English, felicitated the programme. Dr.P. Nainar Sumathi, Assistant Professor & coordinator of the Journal Club Organized the meeting.



On 20th April 2022, the Department of English (UAP) screened the 2011 drama "Anonymous" exclusively for PG students. The movie is a partly fictionalized story about Edward de Vere, an Elizabethan courtier, playwright and poet, as being the real writer of the plays believed to be penned by William Shakespeare. The movie was an eye opener and made the students question the existing facts about Shakespeare. The screening was followed by a discussion on the themes of the movie and the historical

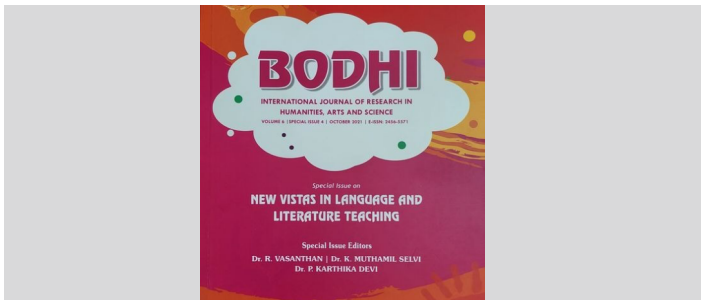
context in which it was set. The students were asked to critically analyze the arguments presented in the movie and compare them with historical facts. The discussion helped the students understand the concept of authorship and the role of literature in shaping cultural and historical narratives. The screening and the discussion sparked interest among the students in further exploring the works of Shakespeare and the debate surrounding his authorship. Overall, the event provided a unique and engaging learning experience for the students and helped them appreciate the nuances of literature and its relation to history.

The Department of English (UAP) in Association with Shri Rajiv Gandhi IAS academy organised a workshop on UPSC civil service examination on the title " Insights into Elite Services of India on the 8th of March 2022. The workshop was conducted to provide students with an in-depth understanding of the UPSC civil service examination, including the eligibility criteria, selection process, and the various services offered under it. The guest speakers shared their personal experience and insights into the preparations and challenges faced during the examination. The students were also provided with valuable tips and strategies for success in the civil service examination. Overall, the workshop aimed to inspire and motivate students to pursue a career in the elite services of India and to equip them with the necessary knowledge and skills to succeed in the competitive examination.



The Bothi International Journal of Research in Humanity Arts and Science in association with the National College Department of English organized a conference titled "New Vistas in Language and Literature Teaching". The conference was a platform for scholars and experts in the field of language and literature teaching to share their ideas, research, and perspectives. The conference was a huge success with a large number of papers being presented by scholars from different parts of the world. The presentations covered a wide range of topics related to language and literature teaching and provided valuable

insights into current trends and practices in the field. The papers presented at the conference were later published in the form of a special issue of the International Journal of Research in Humanity Arts and Science. The special issue was edited by Dr. Vasanthan R.



The Department of English (UAP) organized a book donation event where the students who had opted for books as part of their project work, donated them to the department library. The aim of this event was to provide a platform for the students to contribute to the growth of the library and help others who might benefit from the books. The students were enthusiastic about the opportunity to share their knowledge and provide useful resources to others. The department library has now grown significantly, providing students with a good collection of resources for their academic pursuits. The Department of English is proud of its students for their commitment to learning and for their generosity in sharing their resources with others.



On 10th July 2022, Mr. A. Akshay, an I.M.A. English student, held a magic show at Air Force Station, Salua, Karagpure, West Bengal. The show was attended by a large number of people, including personnel from the Air Force Station. Mr. A. Akshay, who is an expert magician, put up a captivating performance that left the audience spellbound. He performed a series of illusions and magic tricks that showcased his exceptional skills and mastery over the art of magic. The audience was amazed by his sleight of hand and



quick thinking, and many were left wondering how he managed to perform such incredible tricks. The show received overwhelming response from the audience and was a huge success. Mr. A. Akshay was appreciated for his talent and his show was applauded by one and all.

The Department of English (UAP) has developed a Faculty Evaluation System (FES) for the Department of English. This Faculty Evaluation System identifies the strengths and weaknesses of the faculty members from students' perspective to help the members become aware of the key areas to develop better teaching and learning processes. This is a customised system developed by the Department of English with specific questions on the concept of Teaching Approach, Managing Classroom, Personality, Resource Management, Syllabus & Content Delivery. This has been designed by Er. C. Rajiv of II B.A., English (UAP).

"The Lion and the Jewel" is a play written by Wole Soyinka, a Nigerian playwright and poet. It is considered one of his most popular plays and is a satirical portrayal of the clash between traditional and modern cultures in Nigeria. The play was enacted by the students of the Department of English 21.05.2022 as a part of their annual creative assignment. Participating in a drama can be a valuable experience for students, as it can help to develop a range of important skills and personal attributes. This can help improve their overall communication skills. Furthermore, being on stage and performing in front of an audience can help students develop self-confidence, as they learn to overcome their fear of public speaking and become more comfortable with self-expression. Additionally, drama can help to foster creativity and imagination, as students are required to think critically, problem-solve, and come up with unique interpretations of characters and scenes. Furthermore, working together as a team and depending on one another to put up a successful show can help students to develop teamwork and leadership skills. The event was coordinated by Prof. D. Divya Priya and Prof. P. Vijay Joshua Alen.





## துறைசார் நடவடிக்கைகள்



தமிழ்த்துறையில் நடைபெற்ற வாசகர் வட்ட நிகழ்வில் முதுகலை முதலாமாண்டு மாணவர் செல்வன் ஸ்ரீபிரசன்னா, ஜெயமோகனின் சிவமயம் சிறுகதை பற்றி விமர்சனம் செய்தார். இளங்கலை மூன்றாமாண்டு மாணவர் செல்வன் ஹேமந்ந் குமார் என்று தணியும் என்ற தலைப்பில் கவிதை பாடினார்.



17-04-2022 அன்று சென்னையிலிருந்து புறப்பட்ட சேவாலயா சங்கத்தின் "செல்லம்மா பாரதி இரதம்" 31-05-2022 இல் கடையத்தைச் சென்றடைய திட்டமிடப்பட்டுள்ளது. மகாகவி பாரதியார் மற்றும் செல்லம்மா ஆகியோரின் ஆளுயர் வெண்கலச் சிலைகள் அடங்கிய அந்த இரதம் இன்று 10-05-2022 திருச்சிராப்பள்ளித் தேசியக்கல்லூரியை வந்தடைந்தது. இரதத்தில் பாரதியின் கவிதை வரிகள் எழுத்தாகவும் இசையாகவும் இடம்பெற்றிருந்தன. அந்த இரதத்திற்குக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் மாலைகள் அணிவித்து சிறப்புரை ஆற்றினார். கல்லூரியின் தமிழ்த்துறைப் பேராசிரியர்களால் எழுதப்பட்ட பாரதி பற்றிய கட்டுரைகள் அடங்கிய "என்றும் பாரதி" என்னும் தலைப்பில் தமிழ்த்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் பதிப்பாசிரியராக இருந்து தொகுத்த புத்தகத்தைக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் சேவாலயா சங்கத்தினரிடம் வழங்கினார். பாரதி அறக்கட்டளைக்குக் கல்லூரியின் சார்பாக ரூபாய் 5,000 வழங்கப்பட்டது. இரதத்திற்குக் கல்லூரித் துணை முதல்வர்கள், துறைத்தலைவர்கள், பேராசிரியர்கள் மற்றும் மாணவர்கள் மலர்தூவி மரியாதை செலுத்தினர். மேலும், செல்லம்மா பாரதி அறக்கட்டளை சார்பாக நடத்தப்பெறும் கல்வி நிறுவனங்களுக்குப் பேராசிரியர்களும் மாணவர்களும் தங்களால் இயன்ற நிதியுதவியை மனமுவந்து அளித்தார்கள்.



திருச்சிராப்பள்ளி தேசியக்கல்லூரியின் தமிழாய்வுத்துறையில் உ.வே.சாமிநாதய்யர் தமிழ்ப்பேரவை விழா 22.04.2022 வெள்ளியன்று நடைபெற்றது. நிகழ்ச்சியில் முதுகலை மாணவி ரா.ராஜலெட்சுமி வரவேற்புரை வழங்க, கல்லூரி முதல்வர் (பொறுப்பு) பேராசிரியர் சிவக்குமார் அவர்கள் தலைமையுரை ஆற்றும்போது இதுபோன்ற நிகழ்ச்சியை மாணவர்கள் பயன்படுத்தி எவ்வாறு அறிவு பெறுவது என்பதையும், அறிவைக் கொண்டு திறன்பெறுவது எவ்வாறு எனவும், போட்டித்தேர்வுகளின் இன்றியமையாமை குறித்தும் தெளிவுபடுத்தினார். தமிழாய்வுத்துறை தலைவர் முனைவர் ச.ஈஸ்வரன் அவர்கள் வாழ்த்துரை வழங்கினார். சிறப்புவிருந்தினர் முனைவர் ச. இரபேல் அவர்கள் அரசு, ஆட்சிப்பணித்தேர்வு என்னும் தலைப்பில் உரையாற்றுகையில் அரசுத்தேர்வுகளின் மகத்துவத்தைப் பற்றியும், மாணவர்கள் அதனை எளியமுறையில் எதிர்கொள்வது பற்றியும் உரிய விளக்கமுறையில் உரையாற்றினார். மேலும் மாணவர்களின் சந்தேகங்களுக்கும் உரியநிலையில் சான்றுகளோடு எடுத்துரைத்தார். அரசு, ஆட்சிப்பணித் குறித்த அச்ச உணர்வுகளை ஓர் இனிய எளிய முயற்சியாக மாணவர்களின் மனதில் பதியவைத்தார். மேலும் அதன் நட்பத்தை திறம் பட உணர்ச்சி தரும்படி எடுத்துரைத்தார். நிகழ்ச்சியில் பல்துறைப்பேராசிரியர்கள் துணைமுதல்வர்கள், அறிவியல்புலம் மற்றும் கலைப்புலமுதன்மையர்கள் ஆகியோர் கலந்துகொண்டு சிறப்புத்தேர்வுகள். நிகழ்ச்சி ஏற்பாடுகளை பேரவைத்துணைத்தலைவர் பேராசிரியர் முனைவர் ஆ.முருகானந்தம் செய்தார். நிகழ்வினை இளங்கலை மாணவி மா.கிருஷ்ணவேணி தொகுத்து வழங்கினார். இளங்கலை மாணவி அ. மகிஷா நன்றி நவிழ விழா இனிதே நிறைவுற்றது.



வானவில் ரவியின் இலக்கியப் பணிகள் என்னும் தலைப்பிலான கருத்தரங்கம் 21.05.2022 அன்று நடைபெற்றது. இதனைப் பாலக்காடு தமிழ்ப் பண்பாட்டு மையம் ஏற்பாடு செய்து நடத்தியது. இக்கருத்தரங்கில் முனைவர் ஜே. புவனேஸ்வரி, கவிஞர் ரவியின் படைப்பாளுமை என்னும் தலைப்பிலும், முனைவர் மு. சுபாஷினி, வானவில் ரவியின் சிந்தனைச் சுடர்கள் என்னும் தலைப்பிலும் கட்டுரை வாசித்தளித்தார்.

# हिंदी Hindi

## Departmental Activities

On 6th May, 2022, the Department of Hindi conducted a Drawing, Singing, Mehandi, Handwriting, and Art from Waste Competition for the students. The competition was open to students from various departments and saw enthusiastic participation from a wide range of students. The Drawing competition saw students showcasing their artistic talents by creating beautiful illustrations using different techniques and mediums. The Singing competition gave students the opportunity to showcase their vocal talents and perform in front of audience. The Mehandi competition allowed students to showcase their skill in creating intricate henna designs on their hands.

The Handwriting competition saw students competing to have the best handwriting, with emphasis on legibility, spacing, and overall appearance. Lastly, the Art from Waste competition encouraged students to be creative and inventive by turning waste materials into works of art.

Thirteen students participated in the event An Open Talk organized by SRM Institute of Science and Technology, Chennai on 28.2.2022. All thirteen of them received a certificate of participation.



# History

## Departmental Activities

On 21st March 2022, The History Association organized a Youth Awareness Programme for students. The program aimed to teach students about the employability skills that are essential for freshers to acquire in order to seek employment. The chief guests for the program were Mr X. Fredric Bosco, MBA Zonal Manager, and Mr P. Tamilvendhan MBA Center Manager, from UNNATI SKILL CENTER TRICHY. They shared their knowledge and experience on the skills and qualifications that are required to succeed in the current job market.

Dr. Sundararaman, the principal of our college, expressed his congratulations to Miss Abirami, a third-year BA History student, for winning the silver medal in the National Championship Tournament held in Mohali, Punjab. Miss Abirami participated in the national level championship league representing Tamil Nadu and demonstrated her exceptional skills and dedication, earning her a well-deserved recognition for her achievements. The competition was tough, but her hard work and perseverance paid off, and she proved to be a valuable asset to the team.





# Statistics

## Lecture

The Department of Statistics organised a special lecture on 13/05/2022, featuring Dr. S. Sasikala, Assistant Professor of Statistics at Periyar E.V.R. College in Tiruchirappalli. The lecture was focused on the topic of "Applications of Statistics" and aimed to provide students with an understanding of the various career opportunities available to them with a degree in statistics. During her lecture, Dr. Sasikala highlighted the various sectors that are in need of statisticians, including the business sector, where statisticians can use their skills to analyze and predict market trends. She also discussed opportunities in the statistical departments of both state and central governments. Dr. Sasikala concluded her lecture by motivating the students and emphasizing that there are opportunities for statisticians in many different areas, as long as there is a need for data analysis and understanding of patterns in numbers. She highlighted that wherever numbers flow, statisticians have an opportunity to be a part of it. Overall, the lecture was a valuable opportunity for the

students to gain a better understanding of the practical applications of statistics and the different career paths available to them with a degree in statistics. The lecture helped to inspire the students and provided them with valuable insights and guidance for their future careers.



# Library

## Library Programmes



தேசியக் கல்லூரியின் முதலாண்டு பயிலும் இளநிலை, முதுநிலை சேர்ந்துள்ள மாணவர்களுக்கான நூலக விதி முறைகள் மற்றும் பயன்பாடுகள் பற்றிய பயிற்சி 20.10.2021 புதன் நண்பகல் நூலக அரங்கில் நடைபெற்றது. கல்லூரி முதல்வர் முனைவர். சு. சுந்தரராமன் அவர்கள் நிகழ் விற்குத் தலைமையேற்று உரையாற்றினார். அவர் தமது தலைமையுரையில் மாணவர்கள் நூலகத்தை எவ்வாறு பயனுள்ள முறையில் பயன்படுத்த வேண்டும் என்பதை விளக்கினார். மேலும் வளர்ந்து வரும் நவீன உலகில் கணினியைப் பயன்படுத்தி நூல்களைப் பயன்படுத்தும் முறையை விளக்கியதோடு இக்கல்லூரி அதற்குரிய வசதிகளை நிறைவேற்றிக் கொண்டு வருவதனை மாணவர்கள் பயனுள்ள முறையில் பயன்படுத்திக்கொள்ள அறிவுறுத்தினார். கல்லூரிச் செயலர் திரு. கா. இரகுநாதன் அவர்கள் கணினி முறை மூலம் மாணவர்களுக்கு நூல்கள் வழங்கும் நூலக அடையாள அட்டையை மாணவர்களுக்கு வழங்கினார். முனைவர். சு. இளவரசு கலைத்துறை புலன் முதன்மையர் அவர்கள் வரவேற்புரை வழங்கினார் மற்றும் முதலாம் ஆண்டு மாணவர்களுக்கு வாழ்த்துரை வழங்கினார். ஓய்வு பெற்ற முன்னாள் கல்லூரி நூலகரும் சிறப்பு விருந்தினருமான முனைவர். ராகவன் நூலகத்தில் உள்ள எல்லா நூல்களும் முறையாகக் கணினி மயமாக்கப்படுவதற்கு ஆதரவு நல்கிய செயலர், முதல்வர் ஆகியோருக்கு நன்றி கூறினார். மேலும் மாணவர்கள்

எவ்வாறு கணினி மயமாக்கப்பட்ட நூலகத்தைப் பயன்படுத்துவது என விளக்கினார். ஒவ்வொரு துறை மாணவர்களுக்கும் ஒவ்வொரு நாள் என்ற முறையில் இப்பயிற்சி தொடரும் என்பதையும் தெரிவித்தார். கல்லூரியில் உள்ள அனைத்து மாணவர்களுக்கும் இம்முறையை இம்மாதத்திற்குள் தெரிந்து கொள்ள இப்பயிற்சி தொடர்ந்து அளிக்கப்படும் என்றார். முனைவர். த.சுரேஷ் குமார் அவர்கள் அனைவருக்கும் நன்றி கூறினார். கல்லூரிப் பேராசிரியர்கள். நூலக உதவியாளர்கள் பி.லெட்சுமணன் கி.அன் பூமணி அ.ராதாஜெயலெட்சுமி ஆர்.கலியமூர்த்தி சே.உமாமகேஸ்வரி உள்ளிட்ட அலுவலர்களும், மாணவர்களும் பங்கேற்றுச் சிறப்பித்தனர்.

07.01.2022 அன்று திருச்சி தேசியக்கல்லூரியின் நூலகவியல் துறையில் நூலக வேலைவாய்ப்புப் பயிற்சிப் பட்டறை விழா தொடங்கியது. திருச்சி பிஷப் ஹீப்ர் கல்லூரியில் முதுநிலை நூலகம் மற்றும் தகவியல் துறை மாணாக்கர்கள் 9பேர் இப்பயிற்சிப் பட்டறையில் பயிற்சி பெற்றனர். நூலக மேலாண்மை நூலகப் பகுப்பாய்வு, நூலகசெயல்பாடு, புதியஉத்திகள் குறித்து இப்பயிற்சியில் மாணவர்களுக்கு கற்பிக்கப்பட்டு ஒரு மாத காலம் நடைபெற்ற இப்பயிற்சிப் பட்டறையில் கல்லூரியின் துணைமுதல்வர் முனைவர் பெனட் அவர்களும் பல்கலைக்கழக மானியக்குழு தேர்வு விழிப்புணர்வு என்ற பொருண்மையிலும் மோனன் நூலகவியல் துறைத் தலைவரும் துணைமுதல்வருமாகிய முனைவர் இராகவன் நூலக மேலாண்மை மற்றும் தகவல் தொடர்பு என்ற பொருளிலும் பேராசிரியர் இராமஜெயம் புள்ளியியல் தகவல்கள் குறித்தும் மாணவர் மனங்கவரும் வண்ணம் போதித்தனர். ஒரு மாதகாலம் நடைபெற்ற இப்பயிற்சிப் பட்டறையின் நிறைவு விழா 27.01.2021 அன்று நடைபெற்றது. வணிகவியல் பள்ளியின் புல முதன்மையரும் துணைமுதல்வருமாகிய முனைவர் குமார் வரவேற்புரை வழங்கினார். கல்லூரியின் முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் விழாவிருகுத் தலைமையேற்று பயிற்சிபெற்ற மாணவர்களுக்கு சான்றிதழ் வழங்கினார். மேலும் புது வாழ்க்கையைத் தேடுபவர்களுக்கு நூலகமே சிறந்த வழி என்றும் அறிவார்ந்த சமுதாயம் நூலகத்தால் மட்டுமே சாத்தியப்படும் என்று பொருள்பட சிறப்புரையாற்றினார். துணைமுதல்வர் முனைவர் நந்தகோபாலன்

விழாவில் பங்கேற்று வாழ்த்துரை வழங்கினார். கல்லூரியின் செயலர் திருமிகு.கா.ரகுநாதன் முன்னிலை வகித்தார். பயிற்சிப்பட்டறையின் ஒருங்கிணைப்பாளரும் நூலகவியல் துறைத்தலைவருமாகிய முனைவர் த.சுரேஷ் குமார் நன்றியுரை நல்கினார். பேராசிரியர்களும் நூலக உதவிநூலகர் திருமதி ராதாஜெயலெட்சுமி நூலக உதவியாளர்கள் திரு லெட்சுமணன் திரு கலியமூர்த்தி திருமதி உமா மகேஷ்வரி.இ தட்டச்சு பயிற்சியாளர் திருமதி.அன்புமணி



தேசியக் கல்லூரி நூலகத்தில் TNPSC Group IV -க்கான பயிற்சிவகுப்பு ஏப்ரல் -3ஆம் தேதி முதல் தொடந்து நடைபெறும். பயிற்சி வகுப்பைக் கல்லூரி நூலகத்தில் கல்லூரிச் செயலர் திரு.மு. ரகுநாதன் தொடங்கி வைத்தார் . கல்லூரி முதல்வர் முனைவர் சு. சுந்தரராமன் முன்னிலை வகித்தார். கல்லூரி முன்னாள் நூலகர் முனைவர் ராகவன் வாழ்த்துரை வழங்கினார். தொடந்து பயிற்சியாளர் முனைவர் திரு.ஆ.இரபேல் பயிற்சிவகுப்பைத் தொடங்கினார்கள். விழாவில் சிறப்பு விருந்தினர் அவர்கள் மாணவர் களுக்குத் தேர்வில் வெற்றி பெறுவதற்கான வழிமுறைகளையும், பாடத்திட்ட அமைப்பையும் எடுத்துரைத்தார். TNPSC II மற்றும் IV இல் பொது அறிவு வினாக்கள் 75, திறநிறிவுத் தேர்வு வினாக்கள் 25, மற்றும் பொதுத் தமிழ் (அல்லது) பொது ஆங்கிலம் 100 வினாக்கள் என 300 மதிப்பெண்களுக்குக் கேட்கப்படும். ஆனால் தேர்ச்சி என்பது அவர்வர் சமுதாயத்தில் தரவரிசை அடிப்படையில் நிர்ணயிக்கப்படும். அனைவராலும் முடியும் வெற்றி பெறமுடியும். ஆனால், தரவரிசையில் முதல் 100 இடங்களுக்குள் நாம் இருந்தால் வேலைவாய்ப்பு உறுதி. மாணவர்கள் 6 முதல் 12 ஆம் வகுப்பு வரை உள்ள அறிவியல், தமிழ், கணிதம், சமூக அறிவியல், பாடம் மற்றும் திறநிறிவுக் கேள்விகள் அனைத்தையும் படித்து நீங்கள் ஒவ்வொரு பாடத்திற்கும் 100 பக்கமாவது குறிப்பு எடுக்க வேண்டும் மேலும், ஒரு நாளைக்கு 3 மணிநேரமாவது இதற்காக ஒதுக்க வேண்டும். முந்தைய தேர்வுகளில் கேட்டப்பட்ட வினாத்தாள்களை நீங்களே வீட்டில் தானாகவே தேர்வு எழுதி நாம் இன்னும் எவ்வளவு படிக்க வேண்டும் என்பதை அறிந்து தன்னைத் தானே சுய பரிசோனை செய்து கொள்ள வேண்டும் என்று வலியுறுத்தினார். இந்நிகழ்ச்சியில் துணை முதல்வர் முன்னாள் தேர்வு நெறியாளர் முனைவர் ஏ.நந்தகோபால், கல்லூரிப் பேராசிரியர்கள் மற்றும் மாணவர்கள் ஆகியோர் கலந்துகொண்டனர். இக்கல்லூரி மாணவர் திரு. சண்முகவடிவேல் நன்றியுரையாற்றினார். இப்பயிற்சி வகுப்பில் நூற்றுக்கும் மேற்பட்ட மாணவ மாணவிகள் கலந்து கொண்டு பயன் பெறுகின்றனர். இப்பயிற்சி வகுப்பு ஜூன்-30 வரை நடைபெற உள்ளது. இக்கல்லூரி நூலகர் முனைவர் த.சுரேஷ் குமார் மற்றும் நூலகப் பணியாளர்கள் இப்பயிற்சிக்கான ஏற்பாடுகள்

திருச்சிராப்பள்ளி தேசியக் கல்லூரியின் நூலக அறிவியல் துறையின் சார்பில் 14.5.2022 அன்று காலை 11 மணியளவில் நூலக அறிவியல் துறையின் தந்தை முனைவர் ரங்கநாதன் அறக்கட்டளைச் சொற்பொழிவு கல்லூரிக் கலையரங்கத்தில் மிகச் சிறப்பாக நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் விழாவிற்குத் தலைமையேற்றுத் தலைமையுரை நல்கினார். திருவாரூரில் அமைந்துள்ள தமிழ்நாடு மத்தியப் பல்கலைக் கழகத் துணைவேந்தர் முனைவர் கிருஷ்ணன் அவர்கள் இவ்விழாவில் சிறப்பு விருந்தினராகப் பங்கேற்றுச் சிறப்பித்தார்.இளமைப் பருவத்தைச் சரியான முறையில் பயன்படுத்தி வாழ்வில் வெற்றி பெற வேண்டும். படிக்கும் கல்வியை மக்களின் நன்மைக்காகப் பயன்படுத்த முயற்சிக்க வேண்டும்.புதிய எழுச்சி மிக்க வாழ்வைப் பெற புத்தகங்களை வாசிக்க வேண்டும். நூலக அறிவியல் துறையின் தந்தை ரங்கநாதன் வாசிப்பை நேசிக்க வேண்டியதன் அவசியத்தை

எவ்வாறெல்லாம் வலியுறுத்தினார் என்று மாணாக்கர் மனதில் பதியும் வண்ணம் உரை நிகழ்த்தினார்.ஒரு புத்தகம் திறக்கப்படுகிறபோது நூறு சிறைச்சாலைகள் மூடப்படுகின்றன என்றால் சமூக முன்னேற்றம் காண வாசிப்பை நேசிக்க வேண்டும் என்று எழுச்சியுரை நிகழ்த்தினார். மேலும் கிராமங்கள் கூட இணையம் வாயிலான கல்வியைப் பெறுவதற்கு நாம் புதிது புதிதாகச் சிந்திக்க வேண்டும் என்றும் அத்தகைய சிந்தனைக்கு நூலகமே வழிகாட்டும் என்றும் உரை நிகழ்த்தினார். விழாவில் கல்லூரியின் மேனாள் துணை முதல்வர் முனைவர் இராகவன் பங்கேற்று முன்னிலை வகித்தார். கல்லூரியின் நூலக அறிவியல் துறையின் தலைவர் முனைவர் சுரேஷ்குமார் விழாவினை சிறப்பாக ஒருங்கிணைத்தார். பல்வேறு துறைகளின் பேராசிரியர்கள் மற்றும் மாணவ மாணவிகள் திரளாகப் பங்கேற்றனர்.



திருச்சிராப்பள்ளி தேசியக்கல்லூரியின் நூலகநாள் விழா இன்று 01.06.2022 பிற்பகல் கொண்டாடப்பட்டது. விழாவிற்கு வந்திருந்த அனைவரையும் வரவேற்றார் முனைவர். த.சுரேஷ்குமார் நூலகர் தேசியக்கல்லூரி. மேலும் புதிய தொழில்நுட்பங்களுடன் கூடிய நவீன இணைய நூலகத்தைக் உருவாக்கி கொடுத்த செயலர், முதல்வர் ஆகியோருக்கு நன்றி பாராட்டி வரவேற்றார். நிகழ்விற்குத் தலைமையேற்ற கல்லூரி முதல்வர் முனைவர்.சு.சுந்தரராமன் அவர்கள் நூலகத்தில் உள்ள வசதிகளை விளக்கினார். அதை மாணவர்கள் நன்றாகப் பயன்படுத்தும்படிக் கூறினார். நம் நூலகத்தில் உள்ள 125000 நூல்களை புதிய தொழில் நுட்பத்துடன் இணைந்து மாணவர்களின் பயன்பாட்டை அதிகப்படுத்தியதற்குயகவும் போட்டி தேர்வு மற்றும் தட்டச்சு பயிற்சியை மாணவர்களுக்கு வழங்கியதற்கவும். நூலகரையும் அவருக்கு உதவிபுரிந்த நூலக உதவியாளர்களையும் பாராட்டினார். நூல் பிடித்து வாழ்க என்ற தலைப்பில் நூலகநாள் விழாவில் உதவிபேராசிரியர் முனைவர். மு. புவனேஸ்வரி அவர்கள் சிறப்புரையாற்றினார். கல்வியும் கல்வியறிவும் தமிழ்ச் சமூகத்தால் தோற்ற காலத்திலிருந்தே பெரிதும் மதித்துக் போற்றப்பட்டுள்ளன. தமிழ்ச் சான்றோர்களாகிய திருவள்ளூர், கம்பர், ஔவையார் முதலியோர் அறிவுற்றவர்களை, கல்லாதவர்களை மூடர்களாகச் சித்திரித்துள்ளனர். பிச்சை புகிலும் கற்கை நன்றே என்றார் ஔவையார். கல்வியறிவைப் பெருக்குவதில் நூலகங்கள் அறிவுத் திருக்கோயில்களாகச் செயல்படுகின்றன. நூல்கள் கல்வி அறிவை மட்டும் தராமல் மன அமைதி, மகிழ்ச்சி, மனநிறைவு, வளம் ஆகிய அனைத்தையும் பெறுவதற்கு உறுதுணை புரிகின்றன. நூலகத்திலுள்ள நூல்கள் வழி மாணவர்கள் தங்கள் வாழ்க்கையை மேம்படுத்திக்கொள்ளவேண்டும் என்ற அறிவுரையுடன் உரையை நிறைவு செய்தார். மிக அதிக அளவில் நூலகத்தை பயன்படுத்திய 45 மாணவர்களுக்கு செயலர். கா. ரகுநாதன் அவர்கள் பாராட்டி பரிசளித்தார். நிகழ்வில் பல்துறைப் பேராசிரியர்களும், மாணவர்களும் பங்கேற்றுச் சிறப்பித்தனர். நிறைவாகத் முன்னால் முனைவர். ராகவன் அவர்கள் பாராட்டு உரையில் மாணவர்கள் பயன்பாட்டிற்காக புதிய நூல்கள் புதிய தொழில்நுட்பம் ஏற்படுத்தி கொடுத்த நிர்வாகத்தையும் அதை நன்றாகப் பயன்படுத்தி பரிசு பெற்ற மாணவச் செல்வங்களையும் பாராட்டி நன்றி கூறினார்.





# Extension Activities



The 4(TN) Girls Bn. NCC of our college celebrated World Yoga Day on 21-06-2022 at the open air auditorium. The event was organized to mark the significance of yoga in promoting physical and mental health. The program was attended by NCC cadets, staff members, and guests from the local community. The celebration began with a brief introduction about the history and significance of yoga followed by a demonstration of various yoga postures and exercises by a professional yoga instructor. The cadets actively participated in the demonstration and practiced the postures under the guidance of the instructor.



The annual get-together and dinner of the teachers and non-teaching staff of our college and RKPS School, along with their families, was held on June 16, 2022. The event was organized to bring together the members of the college and school community in a festive and relaxed atmosphere. The dinner was held at the college premises and was attended by over 400 people. The event began with a welcome speech by the Principal of our college, who greeted everyone and thanked them for taking the time to attend. After the cultural performances, a delicious dinner was served, consisting of a variety of dishes that everyone could enjoy. During dinner, people mingled and talked, catching up with colleagues and friends they had not seen in a while.

A joint effort by Apollo Shine and National College was organized to raise awareness about No Tobacco Day on 31st May, 2022. Students from the college participated in the event by presenting posters highlighting the harmful

effects of tobacco use and promoting a tobacco-free lifestyle. The program aimed to spread awareness and educate people about the dangers of tobacco and encourage them to quit the habit. The event was well received by the audience and helped in spreading the message of a healthier lifestyle without the use of tobacco.



Our college organized a condolence meeting on the passing of Padma Vibhushan Dr.V.Krishnamurthy, our college President on 28th June, 2022. The meeting was held at Dr.V.Krishnamurthy Auditorium and was attended by all the members from the departments. The meeting began with a moment of silence in memory of Dr. Krishnamurthy, who was a renowned academician and former President of the Central University. The participants shared their fond memories and experiences of working with him and expressed their condolences to his family. Speakers from various departments spoke about the immense contributions that Dr. Krishnamurthy had made to the field of education and research. They spoke of his vision and leadership, which had inspired many to pursue academic excellence and to make a positive impact on society. His extensive knowledge and expertise in his field had earned him recognition at both national and international levels. He was awarded the Padma Vibhushan, one of India's highest civilian awards, for his contributions to education and social service. The meeting was a testament to the impact that Dr. Krishnamurthy had made on the lives of those who knew him. His legacy will continue to inspire future generations and his memory will be cherished by all. The meeting concluded with a resolution to work towards preserving his ideals and to continue to strive for excellence in education and research.



On the occasion of his visit, Sri.P.S.Ramamohan Rao was received by the principal of the college and other dignitaries. He was given a warm welcome and was shown around the library, instrumentation facility and the biotechnology lab. Sri.Ramamohan Rao was impressed with the state-of-the-art facilities in the library and praised the efforts of the college in providing a world-class learning environment for students. He also appreciated the well-maintained instrumentation facility and the biotechnology lab, which is equipped with the latest technology. The students and faculty members who were present during the visit had a great opportunity to interact with Sri.Ramamohan Rao and learn from his vast experience in the field.



On 22nd March, 2022, the Rotaract Club hosted a seminar on "Healthy Life (Style)" with Dr. Rajesh Rajendran as the resource person. The event aimed to educate the public on the importance of adopting a healthy lifestyle and the impact it can have on one's physical and mental well-being. Dr. Rajendran spoke about the various aspects of a healthy lifestyle, including proper nutrition, regular exercise, and stress management. He also discussed the dangers of unhealthy habits such as smoking, excessive alcohol consumption, and a sedentary lifestyle. The audience was given practical tips on how to incorporate healthy habits into their daily routine and maintain a balanced lifestyle. The Rotaract Club is to be commended for their efforts in organizing such an informative and educational event, aimed at promoting a healthy lifestyle among the public. The event has once again highlighted the importance of taking care of one's health and the role that each one of us can play in maintaining a healthy and fulfilling life.

**Aiyshwariya Hospital, Woraiyur**  
Invites you

**Date & Time**  
22nd March 2022  
11.30 a.m.



**Venue**  
Meeting Hall - 1

**Dr. Rajesh Rajendran**  
MS., MCh., FICS (URO)  
Reconstructive Urologist

Leo Club of National College organized a blood donation camp on the college premises. The event was aimed at promoting blood donation awareness and collecting blood donations to help those in need. The camp was well-organized, and the students and faculty members of the

college were encouraged to participate. The Leo Club members went to each class and informed students about the importance of donating blood and how it can help save lives. They also explained the donation process and addressed any concerns or queries that students had. The response from the students and faculty members was overwhelming, and many people came forward to donate blood. The medical professionals collected blood donations from the donors and ensured that all necessary precautions and protocols were followed to maintain hygiene and safety.

**LEO CLUB**

**NATIONAL COLLEGE**

**(AUTONOMOUS)**

Nationally Re-Accredited at "A+" Grade by NAAC  
College with Potential for Excellence  
Tiruchirappalli - 620 001.

*Cordially invites you for the*

**BLOOD DONATION CAMP**

The Red Ribbon Club of National College hosted a informative session on the topic of psychological aspects in HIV patients and their families. The resource person for the event was Dr. Thasnim Begam, a renowned consultant psychiatrist from Trichy. The event was held on 24th March, 2023 and was attended by a large audience comprising of students, healthcare professionals and members of the public. Dr. Begam provided insights into the psychological effects of HIV on patients and the impact it can have on their families. She emphasized the importance of mental health support in the management of HIV and spoke about the various coping strategies that can be employed by HIV patients and their families. The audience was also made aware of the various support systems available for those affected by HIV.



We are proud to announce that our college organized a successful COVID-19 vaccination camp on June 26, 2021. The camp was organized in response to the ongoing pandemic and the need for increased access to vaccines. The camp was well-attended, with a large number of students, faculty, and staff members receiving their vaccinations. Our team of healthcare professionals worked tirelessly to ensure the smooth running of the camp, and everyone was vaccinated in a safe and efficient manner. We are grateful to the local health department and the healthcare professionals who helped us make this camp a success. Their support and

cooperation helped us to achieve our goal of providing access to vaccines for our community. The college recognizes the importance of vaccines in controlling the spread of COVID-19, and we are committed to doing our part in the fight against the pandemic. We encourage everyone to get vaccinated as soon as possible to protect themselves and those around them.



Our organized a National Leprosy Eradication Programme and Leprosy Awareness Programme on 02.03.2022. The speakers covered different aspects of the disease, including its diagnosis, symptoms, treatment, and government welfare schemes. The speakers included Dr. A. Shanthi,

MBBS, DD (Deputy Director of Medical Services), T. Mohamed Ismail (Health Educator), V. Chokkalingam (Non Medical Supervisor), K. Vincent (Non Medical Supervisor), and G. Swaminathan (Health Inspector). The programme aimed to spread awareness about Leprosy and the various measures in place to eradicate it.

National College in collaboration with Apollo Shine Foundation, organized a seminar on the International Day of Action for Women's Health on 28th May, 2022. The seminar was graced by the presence of Mrs. Thilagavathi Murali, MBBS., MD (OG) from Apollo Hospital Trichy, as the resource person. The nursing officers from the Apollo Shine Foundation, Ms. R. Anitha Mary and Ms. Aruna, were also present at the seminar. The seminar was organized to create awareness about the importance of women's health and to commemorate the International Day of Action for Women's Health. The resource person, Mrs. Thilagavathi Murali, shared her expertise and knowledge on various aspects of women's health, including common health problems, preventive measures, and ways to maintain good health. The seminar was a success and received positive feedback from the attendees. The event helped to raise awareness about the importance of women's health and inspired attendees to take better care of their health.



## Core Group



On 09.03.2022, the Core Group a session on "Education and Career Abroad" handled by Career Craft Consultants, Tiruchirapalli. The session aimed to provide students with information and guidance on the various education and career opportunities available abroad, and how to go about

applying for them. The consultants shared valuable insights on the different types of programs and courses offered, the application process, and the requirements and qualifications needed. They also highlighted the different career prospects and job opportunities that students could pursue after completing their education abroad. The students were provided with valuable resources and materials to help them research and apply for these opportunities. Overall, the session was beneficial for students who were interested in pursuing education and career opportunities abroad, as it provided them with a better understanding of the process and the resources available to them.

The Core Group's Panel Discussion on "Education for Peace" began on 11.03.2022, with Dr. Vasanthan making a presentation on the overall advantages of true education and Dr. Elavarasu, Dean of Arts, providing his perspective on contemporary education and profession needs. Following that, members of the Core Group shared their thoughts and asked the panellists questions: Mr. Kailash, a Computer Science student, emphasised the need of effective communication and empathy. Mr. Koushik of BCA spoke on

the brutality of ignorant criminals harassing women and the importance of developing a society with genuine human values. According to Mr. M. Sriram Gokul of the Department of Commerce, tranquilly is about recognising one's own value and is a rewarding experience. Mr.Siva Sankar of the Department of English highlighted self-assurance and being true to oneself as the path to serenity. Mr. N. Kowshik of the Department of Commerce emphasised that we have two options (violence or nonviolence), and that education is the only way to resolve issues civilly. The panel members analysed the students' perspectives and gave further information to support them.



On April 11, 2022, the College Core Group had a discussion on the topic "Is Globalization Hampering Self-sufficiency?" Prof. D. Gopinath of the Department of English introduced the session by explaining the pros and cons of globalisation.

Mr. P. Kannan from III year Economics elaborated on the definition of globalisation and India's role in it, how countries depend upon each other, and the advantages of technology. He elucidated on ways in which a country can ensure self-sufficiency. Ms. Mahantha from II M.A. English Literature spoke about how hybridization of various products forms the cause of globalisation and how the quest for luxury makes people dimwits in the name of globalization. Mr. Sree Varshan from II B.Com 'B' spoke about the positive side of MNCs and how understanding self-sufficiency is more important than adopting business culture. Mr. Sree Mukunthan from I B.com 'A' explained about the products consumed unnecessarily as a cause of globalisation and the never-ending need for self-sufficiency. Mr. M. Kishore of II B.Com. "B" believes that globalisation drives people to seek out and adopt foreign culture and traditions. The session was concluded by Prof. D. Gopinath, who brought out the need to utilise resources efficiently.



## Endowment Lectures

The Dr. S.R. Ranganathan Endowment Lecture, hosted by the Department of Library & Information Science at National College (Autonomous), was held on Saturday, 14th of May 2022 at the College Auditorium. The lecture was a resounding success and was attended by a large number of professionals and students from the library and information science field. The keynote speaker, Prof. Dr. M. Krishnan, Vice Chancellor of Central University of Tamil Nadu, Thiruvavur, delivered an insightful lecture on the topic of "Digital Library - Boon for Higher Education". The attendees found the lecture to be both engaging and informative, and appreciated the speaker's expertise on the subject matter. The lecture discussed the impact of digital technology on the world of libraries and how it has revolutionized the way information is stored, retrieved, and accessed. Prof. Dr. M. Krishnan highlighted the numerous advantages of digital libraries over traditional physical libraries, such as increased accessibility, easier search and retrieval, and the ability to store vast amounts of information in a single platform. He emphasized the importance of libraries in providing access to information for all and how digital libraries have made this easier, especially in the context of higher education. The speaker also discussed the various challenges faced by digital libraries, such as privacy, security, and data preservation, and how they are being addressed by various

organizations. He emphasized the need for librarians and information professionals to continuously upskill themselves in the digital domain and to be aware of the latest technological developments. The lecture was followed by an interactive Q&A session where attendees had the opportunity to ask questions and discuss various topics related to digital libraries with the speaker. The attendees appreciated the opportunity to engage with the speaker and to clarify any doubts they had about the topic.

Prof. R. Balakrishnan Endowment Lecture took place on April 26th, 2022 and was organized by the Department of Mathematics. The lecture attracted a large audience consisting of professionals, students, and enthusiasts in the field of mathematics. Dr. S. Ponnusamy, Institute Chair Professor at the Department of Mathematics at IIT Madras, Chennai, was the keynote speaker and delivered a thought-provoking lecture on "Liouville's Theorem and Power Series". The speaker's expertise and insightful analysis of the topic left a lasting impression on the attendees. The lecture was well received by the audience and provided a valuable learning experience. The organization of the event was exceptional and the facilities and amenities were top-

notch. In conclusion, the Prof. R. Balakrishnan Endowment Lecture was a huge success and it is hoped that future events will continue to provide opportunities for professionals, students, and academics to gain knowledge and insight in their respective fields.



The Department of Physics hosted the Diamond Jubilee Endowment Lecture on Friday, 25th March 2022. A special lecture was delivered by Dr. N. Vijayan, Principal Scientist & Associate Professor of CSIR-National Physical Laboratory, New Delhi. Dr. Vijayan is a highly regarded expert in his field and his presence at the event was a great honor for the college. The topic of the lecture was "An Urgent Need for Societal Research and Various Scholarship Schemes for Students". Dr. Vijayan spoke about the importance of societal research and the various scholarship schemes available for students to further their education and research. He emphasized the need for such initiatives to support students in their academic and professional pursuits. The lecture was well received by the audience, which consisted of the staff, alumni, and students of the PG & Research Department of Physics. The attendees were highly engaged and interacted with Dr. Vijayan during the Q&A session. The event demonstrated the commitment of the DR V KRISHNAMURTHY Educational Foundation and National College to promoting education and research in the field of physics.



The Dr. Sir C.V. Raman Memorial Endowment Lecture was held on 2nd March, 2022. The topic of the lecture was "Sir C.V. Raman- A Light Legendary and His Invention". The speaker for the lecture was S. Gunasekaran, who holds a M.sc, Ph.D, D.Sc. degree and is associated with the Indian Spectrophysics Association (ISPA). The lecture was a great success, with a large audience in attendance. Dr. Gunasekaran did an excellent job of highlighting the contributions of Sir C.V. Raman in the field of spectrophysics and how his invention changed the way we understand light and its properties. One of the key takeaways from the lecture was the immense impact that Sir C.V. Raman had on the field of spectrophysics. Dr. Gunasekaran provided a detailed account of Sir Raman's life and work, including his discovery of the Raman Effect, which has become a cornerstone of modern spectroscopy. The audience was also given a brief overview of the various applications of the Raman Effect in fields such as medicine, chemistry, and engineering.



**Congratulations, Dr. M.A. Akbarsha!**  
Your appointment as Adjunct Professor is a well-deserved recognition of your hard work, dedication, and expertise in the field of medical elementalogy and toxicology. We are sure that your appointment will bring new opportunities for growth and success, and we wish you all the best as you take on this new role.



## Editorial Board

**Dr. R. Sundararaman**, Principal

**Dr. R. Vasanthan**

**Prof. R. Divya**

**Dr. S. Senthil Kumar**

**Prof. M. Mohamed Suhail**

**Prof. A. Andrew Jean**

**Er. C. Rajiv**

(Student of II B.A English)



**National College**  
Autonomous  
Tiruchirappalli, Tamil Nadu



College with Potential  
for Excellence

