



News Bulletin National College

|AUTONOMOUS|

TIRUCHIRAPALLI, TAMIL NADU



Dr. P. Manisankar
Vice Chancellor, BDU



Centenary celebrations of National College begin

The centenary celebrations of National College commenced on Tuesday, June 11, 2019 with the students, teaching and non-teaching members forming a human chain for the environmental cause. About 3,000 persons participated in the human chain from Head Post office to Tiruchi Railway Junction with the aim of creating awareness among the people on "Clean Tiruchi and Green Tiruchi" initiative. Holding placards, the participants urged the people to contribute something towards keeping the city clean and neat. N. Ravichandran, Corporation Commissioner, K. Raghunathan, Secretary, and R.Sundararaman, Principal of the college, were among those participated.



“New education policy will address lacuna in system”

It will accommodate views of all, says **Sri. Vinod Karuvarakundu**, Member, National Monitoring Committee on Education, MHRD



The new education policy would accommodate the views and aspirations of people of different walks of life across the country, said Vinod Karuvarakundu, Member, National Monitoring Committee on Education, Ministry of Human Resource Development. Inaugurating a panel discussion on quality improvement in higher education organised by the National College on Saturday, 25 August, 2019, Mr. Karuvarakundu said there could be no place for a stereotype system of education, which was being followed for several years, as it did not fulfil the need of youths to face the competitive environment.

There was a need for structural adjustments to meet contemporary requirements. The country was badly in need of addressing the challenges being faced by the young minds of the country personally, nationally and internationally. There was a need to ensure their all-round personality development, he said while outlining the focus of the framing of the new education policy. He maintained that the Centre was adopting a transparent approach in framing the new education policy. The ministry received innumerable suggestions, memorandums and notes from people across the country. It was in the process of collecting valid and competent points from academicians, teachers and students. The views and aspirations of them would be given due space while finalising the policy. Quoting Swami Vivekananda, Mr. Karuvarakundu said education was "man making and character building."

It was nothing but shaping of the minds and character of the students. It should shape them with impeccable integrity and honesty. The teaching and learning process, syllabus and examination reforms, which were being discussed at different levels as part of the new draft education policy, would be aimed at addressing the core issues of character building. Under the current education system, more importance was being given to foreign language than native languages. Teaching and learning process would be much easier and effective if they were delivered in native languages. The Chola dynasty was known for education, administrative reforms, art, culture and architecture. But this was not given due space in school and college syllabus. These kind of issues would be addressed in the new education policy and would bring about a paradigm shift in the education system. The changes would augur well for addressing all issues and challenges of the school and higher education system across the country, he said.

Dr. Mini Shaji Thomas, Director, National Institute of Technology (NITT), Tiruchi; Ms. Priya Narayanan, Assistant Adviser, National Assessment and Accreditation Council; Vice Chancellors Dr. P. Manisankar (Bharathidasan), Dr. M.K. Surappa (Anna University), Dr. N. Rajendran (Alagappa), Dr. M. Krishnan (Madurai Kamaraj University), Dr. K. Parthasarathy (Tamil Nadu Open University); and K. Raghunathan and R. Sundararaman, Secretary and Principal of National College, spoke.



From the Office of the Principal

Dear Reader,

Hearty greetings.

This is the time to recall and rejoice the mammoth contribution of our National College for the uplift of students from the less privileged sections of the society. Founded and nurtured by noble souls, the majestic institution turned a centenarian on 11th June 2019. It is our pride and privilege to be a part of the great citadel of higher education, during this glorious period. In tune with the core values of grace, nationalism and social responsibility, the completion of the 100th year and commencement of the 101st year of our college was celebrated by the formation of a human chain. The historic event, with the participation of 4000 students and staff, highlighted the journey of the college over the century and the theme of "Green Tiruchy, Clean Tiruchy".

In pursuit of the policy of continuous growth, the management has been striving to strengthen the infrastructure. In the current year, a new canteen with excellent ambience and high standards of hygiene has been constructed and dedicated to the students. A trendy, functionally efficient amphitheatre has been constructed in front of our Jaya Vinayagar Temple. It will provide a special platform for hosting dramas and sporting events. The open air arrangement with tiers of seats for the audience will provide an experience of a unique dimension. Two water fountains have been installed. The colour lighting coupled with musical fountains are sure to accentuate the joy of our students and teachers, in addition to enhancing the beauty of the campus.

On the academic front, our faculty and students have been working with relentless vigour. The curriculum has been revamped to take care of recent developments and update the knowledge of our boys and girls. A panel discussion on "Paradigm Shift in Pedagogic Practices" organized by the college to suggest ways for quality enhancement in higher education was a high profile event, with the participation of giants of higher education – Sri Vinod Karuvara Kundu, Member, National Monitoring Committee on Education, Dr. Priya Narayanan, Assistant Advisor, NAAC, Dr. P. Manisankar, V C., Bharathidasan University, Dr. M. Krishnan, V.C., Madurai Kamaraj University, Dr. M.K. Surappa, V.C., Anna University, Dr. N. Rajendran, V.C., Alagappa University, Dr. K. Parthasarathy, V.C., Tamil Nadu Open University and Dr. Mini Shaji Thomas, Director NIT, Tiruchy.

A talk and discussion on The Draft National Educational Policy 2019 with Dr. M. G. Sethuraman, Professor of Chemistry, Gandhigram Rural Institute, as the chief speaker was a grand success. The discussion brought about many innovative ideas to strengthen our higher education system. DST- INSPIRE Internship Science Camp was held for the second consecutive year with the support of Department of Science and Technology, Government of India, to ignite the passion for science in school students, and inspire them to pursue research. 150 students from different schools of Tamil Nadu participated in the five day camp. In line with the guidelines of UGC, a restructured Student Induction Programme (SIP) was held for the freshers.

At the turn of the century, as stakeholders of this majestic institution, we have the responsibility of improving our performance in every dimension. I am sure, the dedicated team of faculty will strengthen the institution by their sustained endeavor.

PRINCIPAL



From the Secretary's Desk



Dear Reader,

Through this note, I would like to congratulate all the Teachers, Non-Teaching Staff and Students of our College for spearheading in various activities and programmes during this semester that took our college to greater heights and glory. I assure the full support of the management in all the plans and activities towards bringing positive outcomes from the part of students for their own welfare and for the nation at large.

SECRETARY

Paradigm Shift in Pedagogical Practices-Quality Enhancement in Higher Education



A Panel Discussion was organized on a grand scale by the National College here on 24.08.2019. **Dr.Mini Shaji Thomas, Director, National Institute of Technology,**



Tiruchirappalli, **Dr.Priya Narayanan, Assistant Advisor, National Assessment and Accreditation Council, Vice**



Chancellors **Dr.P.Manisankar (Bharathidasan University), Dr.M.K.Surappa (Anna University),**

Dr.N.Rajendran (Alagappa University), Dr. M.Krishnan (Madurai Kamaraj University) Dr. K.Parthasarathy (Tamil Nadu Open University) and Shri. Vinod Karuvarakundu, Member, National Monitoring Committee on Education, Ministry of Human Resource Development, Government of India, were the prominent participants.



Quoting Swami Vivekananda, Mr. Karuvarakundu said that education was “man making and character building.” It was nothing but shaping of the minds and character of the students. It should shape them with impeccable integrity and honesty. The teaching and learning process, syllabus and examination reform, which were being discussed at different levels as part of the new draft education policy, would be aimed at addressing the core issues of character building.



Under the current education system, more importance was being given to foreign language than native languages. Teaching and learning process would be much easier and effective if they were delivered in native languages. The Chola dynasty was known for education, administrative reforms, arts, culture and architecture. But this was not given due space in school and college syllabus. These kinds of issues would be addressed in the new education policy. It would bring about a paradigm shift in the education system. The changes would augur well for addressing all issues and challenges of the school and higher education system across the country, he said.

The vice chancellors and other higher education administrators spoke about the achievements of their institutions and the difference they could make in the lives of their students. All the same, they argued, how we had to remain alert to the challenges and the aspirations of millions of students who enroll in our institutions. Dr. D.E.Benet, Vice-Principal, moderated the panel discussion.

Inaugurating a panel discussion on quality enhancement in higher education, **Mr. Karuvarakundu** said there could be no place for a stereotyped system of education, which was being followed for several years, as it did not fulfill the need of the youth to face the competitive environment. There was a need for structural adjustments to meet contemporary requirements. The country was badly in need of addressing the challenges being faced by the young minds of the country personally, nationally and internationally. There was a need to ensure their all-round personality development, he said, while outlining the focus of the framing of the national education policy. He maintained that the Centre was adopting a transparent approach in framing the new education policy. The ministry received innumerable suggestions, memorandums and notes from people across the country. It was in the process of collecting valid and competent points from academicians, teachers and students. The views and aspirations of them would be given due space while finalising the policy.

DST-INSPIRE Science Camp

DST-INSPIRE Internship Science Camp sponsored by the Department of Science and Technology, Govt. of India was inaugurated on 22.07.2019. **Dr.N. Chandrakumar, Professor, Department of Chemistry, IIT Madras** inaugurated the camp and delivered the key note address. He pointed out the objectives of conducting such camps to school students. To quote his words: “The primary objective of the camp is to create a platform for school students to interact with eminent scientists and professors, encourage them take field trips and have hands on experience. The secondary objective is to motivate talented school children to take up research activities in the field of pure science.”



Dr. A. Pannerselvam, Associate Professor of Botany, A.V.V.M Sri Pushpam College, Thanjavur, felicitated the gathering and emphasized the need for the students to enhance their scientific knowledge. He said, "The upgrading of your knowledge and becoming conversant with the emerging technology would give you a definite edge over others."



The Principal honoured the Chief Guests. **Dr.N.Ramanujam, UGC Emeritus Fellow, Dr. K. Anbarasu, Director of Studies, Dr. K. Akbarsha, Research Coordinator, National College, Dr.P.Shahul Hameed, Jamal Mohammed College, Trichy, Dr.T.V.Banumathi, Sri GVG Visalakshi College for Women, Udumalpet, Dr.M.G.Sethuraman, Gandhigram Rural Institute, Dindugal, Dr. T.J. Pandiyan, Bhatnagar Awardee, and Dr.S.Arumugam of Bharathidasan University** interacted with students. Dr. Subbaiah Pandiyan demonstrated simple scientific experiments to the participants. More than 200 students from different parts of Tamilnadu participated in this five- day camp.



The Valedictory function of DST-INSPIRE Internship Science Camp was held on 26.07.2019. **Mr. Dongare Pravin Umesh IPS, ASP, Tiruverumbur** delivered the valedictory address and distributed the certificates to the participants and awards to the winners of quiz and essay writing competition. More than 240 students from 28 different schools of Tamilnadu participated in this five-day camp. The participants felt that the camp was a great opportunity for them to learn many things related to basic science.



Dr.A.T.Ravichandran, Co-ordinator DST-INSPIRE Camp, Controller of Examinations & Associate Professor of Physics thanked the participants, resource persons and the Management.

A Talk and Discussion on the Draft National Educational Policy

A talk and discussion on The Draft National Educational Policy 2019 was organized at our College on 11 July, 2019. **Dr. M. G. Sethuraman, Professor, Department of Chemistry, Gandhigram Rural Institute** was the resource person and speaker. He outlined the inevitability of such deliberations on National Educational Policy 2019 with the faculty members and students of the



college as stakeholders. He mentioned that this was not the first time that the higher education in India had to undergo a radical transformation. It had already taken place in a similar situation once in 1968 and then in 1986. He continued, "However, the present draft becomes essential to re-align the course of Higher Education in the country to meet the global standards. India will become the 3rd largest economy in the world in a decade from now. India's knowledge base and manpower will be able to meet the global needs." The early

educational policies laid emphasis on Access, Equity, Expansion and Excellence of the system through the years till now. He, then, elaborated on the new educational policy stated in two parts viz School and Higher education with restructurings on both parts at administrative and academic level. The first part of the presentation gave details on the school education system and its pedagogy including the 5+3+3+4 system. He went into detail about the plans for reformations in higher education through the classification of educational institutions as research universities, teaching universities and colleges, allocation of funds, introduction of new regulatory bodies such as Rashtriya Shiksha Aayog, Rajya Shiksha Aayog, National Higher Education Regulatory Authority, Higher Education Grants Commission, reassigning and restructuring the functions of the existing bodies such as NAAC and UGC and setting up a primary regulatory body for the governance of the whole system. The speaker clarified the plan to introduce 3 year and 4 year degree programmes with multiple entries and exits. He shared with the audience the challenges posed by the new educational policy to teachers and students who are the major stakeholders. The speaker and the faculty members presented their views, apprehensions regarding policy frame work, and questioned the practical feasibility of certain strategies outlined in the draft. The resource person motivated the faculty and invited them to communicate their apprehensions and comments through a mail to UGC since it has recently demanded for such deliberations to be organized in colleges and universities. The session came to an end with everyone returning well informed about NEP 19 and promising their contributions to its refinement through communications to MHRD.

Student Induction Programme

When students are admitted in the I year undergraduate programmes, they are oriented toward the new environment and the new field of study through Bridge Course, wherein experts from language departments and several other fields introduce the fundamentals to the new entrants. However, in August 2018, the UGC sent a circular instructing the colleges and universities across the country to impart a different kind of orientation and training for the new entrants from the academic year 2019-2020 onwards. Following the orders and directions of UGC, It was decided to restructure the orientation programme according to the guidelines of UGC and called it Student Induction Programme (SIP). The UGC recommended that the institutions include Physical Activity, Mentoring, Familiarization to Department / Branch, Creative Arts and Culture, Literary Activity, Lectures by Eminent people, Visits to local area and extra-curricular activities in the College in the SIP. Based on these guidelines and the local needs, it was decided to conduct SIP for all the new entrants. All the First Year students of the Undergraduate programmes were pooled together and divided into class group consisting of approximately 45-50 students. All these

students were engaged continuously during the regular college working hours from 17.6.2019 to 21.6.2019, i.e., 8.30 am to 1.20 pm for five working days. Resource persons were chosen from the College faculty and allotted according to a time-table to orient the students under various categories of activities as per the guidelines of the UGC under the SIP. The staff dedicated their time to talk on various aspects, including the educational set up and origin since Independence. Categories of degree programmes and institutions, autonomy, semester wise pattern of examinations, choice based credit system, History of the



College, and several other details were specifically narrated to the students. There were several encouraging comments from the students and their parents for facilitating a smooth transition from the School environment to the College. The new entrants were totally relieved from the fear of College-life and prepared to make choices responsibly in the new environment. Besides, all the new entrants were told about the exclusive features of the institution, existence of various departments of study, sports facilities and other amenities including the Library, Hostel etc. Motivational speakers like **Dr.R.Srinivasan, former Associate Professor of Commerce, National College, Prof. R.Panchanathan, Mr. A. Mayilvahanan, DCP Tiruchirappalli City and Dr.T. Senthilkumar, Deputy Superintendent of Police**, spoke on the ways to improve the quality of academic life and imparted useful nuggets of information. Students were taken on a campus tour to familiarize themselves with the campus life. Lectures about the values and ethos of the institution were also part of the programme. Students were given opportunities to bring out the hidden talents and allowed free interaction with the staff and students of other departments as well. Many students felt confident enough to display their skills and exclusive talents. The Principal prepared the whole schedule in the form of a Time-Table, leaving out no component prescribed by the UGC. On the whole, the guidance of the UGC, the dedication of the faculty and the goodwill of the Management brought a positive transformation and confidence among the students. The College management recognizing the dedicated efforts of the faculty presented each one of them with a 'memento' in appreciation.

Students form Human Chain on NCT's 100th Anniversary to raise Environmental Awareness

The National College Trichy (NCT) turned 100 on Tuesday the 11th of June 2019. Celebrating this momentous occasion, the college organized a human chain on that day highlighting the journey of the college spanning a century. About 2000 students from the college, including cadets from the National Cadet Corps (NCC) and volunteers from National Social Service (NSS) participated in the human chain formation on the main road from the Head Post office signal to the railway station roundabout. The formation went on for over an hour in which students held placards on the significance of environmental awareness. The students made a clarion call to plant more trees and conserve the green cover. **Corporation commissioner N Ravichandran**, who was the chief guest of the event, inaugurated the human chain. During his short speech, he asked the students to



spread the message of environmental issues, conservation practices, segregation of waste at source and the importance of keeping the city clean. The students left the spot spick -and -span at the end of the event, sending out message to the general public to avoid littering in public places.

CONFERENCES / WORKSHOP / SEMINARS

UGC Sponsored Two-day Workshop on Molecular Biology Techniques

The PG and Research Department of Zoology organized a two day Workshop on Molecular Biology Techniques on 08.08.19 and 09.08.2019. The Chief Guest **Dr. M. Akbarsha, Research Co-coordinator of our College** inaugurated the Workshop and delivered the inaugural address. Initially he stated that anything connected to gene was called Molecular Biology. He said that the discovery of Mendel and Darwin laid the foundation for the evolution of molecular biology in the 18th century. He recollected the history of DNA discovery and the experiments conducted by Frederick Griffith regarding bacterial transformation, Avery, McCarty, & MacLeod's transforming principle and Hershey & Chase's transmission principle of genetic information in T2 bacteriophage, which used E. coli as its host bacterium.

He also referred to Rosalind Franklin's X-ray crystallography DNA image which helped James Watson and Francis Crick to create their double-helix model and the Nobel laureate Marshall Nirenberg who found the key to the genetic code by deciphering different combinations of three nucleotide bases. He highlighted the fact that our modern understanding of DNA's role in heredity had led to a variety of practical



applications, including forensic analysis, paternity testing, and genetic screening for various diseases.

Regarding the molecular techniques he started with Recombinant DNA (rDNA) technology and further explained the different steps involved in the process of joining DNA molecules from two different sources and inserting them into a host organism, to generate products for human use. He further described Polymerase Chain reaction carried out in a thermo cycler which is a fast and inexpensive technique used to amplify small segments of DNA. Finally he concluded with latest microarray technique which is a laboratory tool used to detect the expression of thousands of genes at the same time. This technique is used to study the expression levels of genes in the cancer cells by which doctors can better diagnose and treat cancer. However, this technique is now replaced by simple Green fluorescent protein (GFP) widely used to tag proteins and to study the dynamic changes of cellular processes in living cells. Dr.S.Muhilvannan delivered the valedictory address and distributed the certificates to the student participants.

Hands on Training on Culture of Bacteria

The Department of Zoology arranged for a hands-on training section under DBT STAR College scheme on 19.07.2019. **Dr. P.K. Ramasamy, Assistant Professor, Department of Zoology**, explained the various requirements like chemicals and glassware needed for bacterial culture. He also explained the precautions to be followed in a laboratory to carry out the microbiological techniques. He explained the types of nutrient broth (liquid and agar media) and the agar plate method using nutrient agar that allows the growth of bacteria. Two sterilization processes namely autoclave and ethanol sterilization were first explained and demonstrated. Then packing of glassware

was explained and they were kept inside the autoclave for sterilization. Meanwhile, samples were collected (soil from our campus) and serial dilution of samples was demonstrated to the students. Then agar was added to the nutrient broth for the preparation of agar plate culture. Many other types of



culture like slant culture, stab culture, roll tube and tube media culture were also demonstrated. Glassware was taken out of the autoclave after sterilization process. The cleaning of the Laminar Airflow Hood and its working mechanism was explained. It was followed by inoculating microbes in the agar plates. Then it was kept in an incubator for 24 hours at 37° C for the growth of bacteria. After 24 hours of incubation, the culture plates were observed and the data of the growth of bacteria was recorded.

Hands on Training on DNA Isolation

The Department of Zoology arranged for a hands-on training of DNA Isolation under DBT STAR College scheme on 9.08.2019. **Dr.S. Muhilvannan, PAR Life sciences and Research Private Ltd. Trichy** explained that conventional genomic DNA extraction protocols need expensive and hazardous reagents for decontamination of phenolic compounds from the extracts and are only suitable for certain types of tissue. Thirty student participants were given



training in various aspects like Sample/Tissue extraction, incubation of sample/tissue, centrifugation of sample, DNA extraction, DNA isolation and run the GEL. He introduced to the students a simple, time-saving and cost-efficient method for genomic DNA extraction from various types of organisms, using relatively innocuous reagents. The protocol employed a single purification step to remove contaminating compounds,

using a silica column and a non-hazardous buffer, and a chaotropic-detergent lysing solution that hydrolyzes RNA and allows the selective precipitation of DNA from cell lysates. He used this system to extract genomic DNA from different tissues of various organisms, including algae (*Dunaliella salina*), human peripheral blood, mouse liver, *Escherichia coli*, and Chinese hamster ovary cells. Mean DNA yields were 20-30 µg/cm³ from fresh tissues (comparable to yields given by commercial extraction kits), and the 260/280 nm absorbance ratio was 1.8-2.0, demonstrating a good degree of purity. The extracted DNA was successfully used in PCR, restriction enzyme digestion and for recombinant selection studies. Students had useful hands on training session.

Workshop on Tally

The Postgraduate and Research Department of Commerce, conducted the One-Day Workshop on "Tally with GST" and Inauguration of Indian Accounting Association, Tiruchirappalli Branch on the 16th September 2019. Dr.K.Kumar, President, Indian Accounting Association Trichy Branch, impressed on everyone the functioning of Indian Accounting Association. In his Presidential address, Principal Dr.R.Sundaraman highlighted the importance of tally and the role it plays in the current scenario of accounting. The Inaugural address was delivered by **Shri.S.ArokiaRaj, Additional Commissioner, The commissioner of GST and Central Excise, Tirchirappalli**. In his inaugural address, the chief guest outlined the formation and



development of GST thus: "Goods and Services Tax (GST) is an indirect tax or consumption tax used in India on the supply of goods and services. It is a comprehensive, multistage, destination based tax: comprehensive because it has subsumed almost all the indirect taxes except a few state taxes. Multi-staged as it is, the GST is imposed at every step in the production process, but is meant to be refunded to all parties in the various stages of production other than the final consumer and as a destination based tax, it is collected from point of consumption and not point of origin like previous taxes."

The first session was handled by **Shri.V.Santhosh Bharathwaj B.Com, A.C.A.** who outlined the importance of

the understanding of GST in the field of auditing. **Shri S.Sridhar B.Com LL.B, C.W.A., Inter & Tax Consultant**, in his sessions interacted with the students about GST Practices. The third session was handled by **Shri.M.Madanraj, B.Com LL.B Advocate & Tax Consultant** who gave a brief idea about Tally with GST.

The valedictory address was delivered by **Dr. C. Paramasivan, Secretary, Indian Accounting Association, Trichy Branch** and **Assistant Professor of Commerce, Periyar E.V.R College, Trichy. Dr.K.Krishnakumar, Treasurer Indian Accounting Association Salem Branch** and **Associate Professor, Department of Commerce Periyar University, Salem** offered his felicitations. Finally the Certificates were distributed to the participants.

One-Day Workshop on Capacity Building

The Department of Business Administration conducted a One Day Workshop on 19th September 2019. In the first session, the Chief Guest **Prof.Ms.S.Sumathy, Head of the Department of Social Work, Thanthai Hans Roever College, Perambalur** gave an inspirational talk on the topic 'Capacity Building'. She gave a detailed description of the idea of physical, psychological, emotional and social self of an individual. She explained how destructive,



unhealthy, negative thoughts, attitudes and behavior create a negative impression on an individual. In contrast, constructive, healthy, positive thoughts and attitudes bring change in behavior. She insisted on the development of 4Ds - Desire, Direction, Dedication and Discipline that could create a positive development among human beings.

In the second session, **Dr.Sam Deva Asir. Regional Manager** gave an excellent talk on the various types of skills. He motivated our students with different life concepts and stories along with creative slides. He boosted the morale of the students by insisting on the need to be successful in life and not to give up in any situation. He clearly explained the reality of life and the purpose of life. He made the students realize the importance of the power of positive thinking.

One Day Awareness Workshop on Intellectual Property Rights

Intellectual Property plays a key role in gaining advantage for achieving higher economic growth in a market driven economy. To promote the awareness of Intellectual Property Rights (IPRs) and to encourage innovation across various disciplines, the IQAC of the College organized the 'One day Awareness Workshop on Intellectual Property Rights - 2019 (IPR - 2019)' on 9th August 2019 at 11:00 am, at the College Auditorium, for the benefit of the teaching faculty in the College. **Ms. S. Gomathi Padma Thilaga, Registered Patent Agent and Woman Scientist C (KIRAN-IPR, DST) from Tamil Nadu State Council for Science and Technology (TNSCST)** was the resource person for the workshop on Intellectual Property Rights. This workshop



covered the basics and fundamentals of IPR, innovation and creativity. Mrs. Gomathi, emphasized on various issues related to IPR mentioning that it is a legal entitlement, owned by a person for an intangible property. She explained well on the benefits of IPR protection at personal, social, and national levels; IPR enhances the quality and enjoyment of life in society, improves a nation's intellectual capabilities and motivates researchers to come with further innovation. Forms of IPR such as Patent, Trademark, Copyright, Industrial Design, Plant Varieties and Farmers Rights, Semiconductor IC Layout, Design, Trade Secrets and Geographical Indication were discussed in the session. Awareness about the issue of patent as an exclusive right and its importance in the context of a student, professor and entrepreneur was well presented in the forum. Examples and exclusive cases on various issues on patents such as Turmeric, Basmati and others were also discussed. Dr. M.S. Mohamed Jaabir, Co-ordinator of IQAC, coordinated the programme.

Workshop on Awareness and use of E-Resources

A Workshop on e-resources was conducted at the National College Library on 17th September. The objective of the workshop was to create awareness of e-learning resources and how to access them effectively. **Dr.Durairajan, Librarian of St. Joseph College, Tiruchi,**

was the Chief Guest. He explained the vast and limitless availability of e- resources, which facilitate independent and effective learning. He demonstrated how the students can gain access to e-resources and download them. He also advised the students to be very careful and check the authenticity of certain information available online. Gaining knowledge of reliable and dependable sources is very important, especially in undertaking research projects. He gave a list of reputed sources. He invited a few students and



provided hands -on experience in using e-resources. On line resources are an open treasure to the students and they are cost and time efficient.

The Principal of the College Dr. R.Sundararaman delivered the presidential address. He explained how knowledge can be acquired at ease by tapping the mind boggling e- resources available at the fingertips of students. He exhorted the students to make best use of the e library and e- books in the cozy and comfortable ambience created at the National college library.

Workshop on Strategies for Transforming Libraries : Growing Trends & Technologies

In order familiarize the library professionals to the latest Library & Information Science tools and technologies, National College, Tiruchi held a one day Workshop on "Strategies for Transforming Libraries :Growing Trends & Technologies" in collaboration with DELNET, New Delhi,- a prominent player and pioneer in generation and distribution of E- learning resources.The workshop also focused on academic integrity and ways to stop plagiarism.

The workshop organized by the Department of Library on 20th November 2019 was inaugurated by **Dr. Vaidehi Vijayakumar, Vice Chancellor, Mother Teresa University Kodaikanal**. In her inaugural address, the VC noted that libraries are no longer mere storehouses of books. She said, "With the rapid and tectonic changes in technology, the functions of libraries have changed radically. Digitalization and computerization have enabled access to trillions of academic resources in a nano second. Libraries have before them, the challenging task of harnessing technology to provide access to these mind-blowing volumes



of resources available across the cyber space". She appreciated the efforts taken by the college to highlight the strategies for transformation of libraries in the emerging scenario.

Shrimathi. Sangeetha Kaul, Network Manager, DELNET, (Developing Library Network) an organization devoted to developing Library Network explained the theme of the workshop and how DELNET is expanding and enriching Library Network across the country. DELNET connects more than 6700 libraries in 33 states and Union Territories. It is a major resource sharing Network in South Asia and provides access to more than 3 crore records of books, E- journals , E-books etc.

Shri O.N.Safapuri, Consultant DELNET highlighted how Libraries can make optimal utilization of various resources such as DELNET Discovery Services and Knowledge gainer portal, Open source software, DELPLUS software for library automation. He explained how the menace of plagiarism could be stopped by appropriate application technology and suggested steps to enhance user satisfaction in libraries. More than 100 LIS professionals from colleges and universities across the state participated in the workshop. The workshop was presided over by the principal Dr. R. Sundararaman. He noted that the workshop structured to update the knowledge and skills of the library professionals would be of immense practical utility. Dr.Sureshkumar, Librarian and Organising Secretary of the workshop, welcomed the gathering and made a presentation.

A Two-Day National seminar on Subaltern Literature: Quest for Identity, Equality and Fraternity.

A Two-Day National seminar on Subaltern Literature: Quest for Identity, Equality and Fraternity, was held on September 12th and 13th 2019. **Major R.Venkatachalam, Principal A.V.V.M Sri Pushpam College, Poondi** delivered the inaugural address. **Dr.P.Jayapriya of Mother Teresa University** delivered the keynote address. She said, "Subaltern literature tries to focus our attention on the marginalized sections of the society which grapples with identity and even survival. In spite of enactment of laws protecting them, they have been denied equal treatment and always remain sidelined by the

mainstream social life. Fraternity eludes them as the social interaction between communities has become virtually non-existent." Speaking on the occasion Dr.D.E.Benet, Associate



Professor of English, pointed out the evolutionary phases of subaltern studies. He said, "Improved material conditions assuring a minimum standard of living and political conditions of uncensored discourse and association will bring marked changes in the lives of women, Dalits, physically challenged and even differently sexually oriented." There were ten resource persons gracing the occasion from Pondichery and



Tamil Nadu and 244 participants from almost all the southern states of India. Dr.C. Santhosh Kumar of Annamalai University delivered the valedictory address and distributed the certificates. Dr.R.Elavarasu, HOD of English, was the coordinator of the seminar.

'காந்தியப் பார்வையில் சமகால சவால்கள்' என்னும் தலைப்பில் கருத்தரங்கம்

நமது கல்லூரியும் அகில இந்திய வானொலி நிலையமும் இணைந்து 'காந்தியப் பார்வையில் சமகாலசவால்கள்' என்னும் தலைப்பில் 01.10.2019 அன்று கருத்தரங்கம் நடத்தின. சுற்றுச்சூழல் சீர்கேடுகள், தொழில்நுட்பஊடகங்களின் ஆக்கிரமிப்புகள், உடலுழைப்பை மறத்தல், தாய்மொழிக் கல்வியின்மை, நகர்மயமாதல், உறவுகளில் ஆழமின்மை, அறமற்ற வாழ்க்கை போன்ற சமகாலச் சிக்கல்கள் விவாதிக்கப்பட்டன. மாணவர்கள் எழுப்பிய வினாக்களுக்கு மருத்துவர் சுனில் கிருஷ்ணன், பேராவூரணி முனைவர் ஜி. ஆர். ஸ்ரீதர், திரு. தேனூர் செந்தில்குமார், மருத்துவர் பிரீத்தி போன்ற காந்தியச் சிந்தனையாளர்கள் பதிலளித்தனர். நுகர்வின் மீது உள்ள

கவர்ச்சி நீங்கவேண்டும். ஒரு சிறு கல், ஒரு பேராழி வட்டத்தை உருவாக்குவது போலத் தனிமனிதன் அறம்சார்ந்த அதிர்வை உண்டாக்கவேண்டும். அச்சமுட்டுவது தற்காலிகமானது. தேடல்தான் காந்தியத்தில் முக்கியமானது. அதிகப்படியான உற்பத்தியைவிட, அதிகப்படியானோர் பங்கும் பயனும் பெறும் பொருளாதாரத்தையே காந்தியம் போற்றுகிறது. வீட்டில் பேசும்மொழியின் விரிவாக்கமே கல்வியாக இருக்கவேண்டும். தாய்மொழிக் கல்வியே அசல் சிந்தனையாளர்களை உருவாக்கும். எது சத்தியத்திலிருந்து விலகுகிறதோ, அது அறமாகாது போன்ற காந்தியக் கருத்துகள் இன்றைய சவால்களுக்குத் தீர்வாக அமையும் என்று முன்மொழியப்பட்டன. இக்கருத்தரங்கிற்கான



வரவேற்புரையில் தமிழாய்வுத்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் அவர்கள், காந்தியம் மண்ணையும் மனத்தையும் மென்மைப்படுத்தும் எனக் கூறினார். கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் அவர்கள், காந்தியத்தால் கண்ணீர் இல்லாத சமூகத்தைப் படைக்க முடியும் எனத் தம் தலைமையுரையில் கூறினார். திருச்சிராப்பள்ளி அகில இந்திய வானொலி நிலைய உதவித் தலைமை இயக்குநர் திரு. டி. கே. எஸ். பிள்ளை அவர்களும், நிலைய இயக்குநர் திரு. க. நடராசன் அவர்களும் வாழ்த்துரை வழங்கினர். வானொலி நிலைய நிகழ்ச்சிப் பொறுப்பாளர் திரு. அடைக்கலம் அவர்கள் நன்றி கூறினார். மாணவர்களும் பேராசிரியர்களும் கலந்துகொண்ட இக்கருத்தரங்கை உதவிப்பேராசிரியர் முனைவர் சா. நீலகண்டன் அவர்கள் ஒருங்கிணைத்து நெறிப்படுத்தினார்.

ENDOWMENT LECTURES

பண்டித ம. கோபாலகிருஷ்ணய்யர் அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரித் தமிழ்த்துறையில் முதல் துறைத் தலைவர் பண்டித ம. கோபாலகிருஷ்ணய்யர் அறக்கட்டளைச் சொற்பொழிவு 23-09-2019 அன்று நடைபெற்றது. தமிழ்த்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் அவர்கள் வரவேற்புரை வழங்கினார். வரவேற்புரையில், தமிழ்த்துறையின் கடந்தகால மரபுகளையும் நிகழ்கால சாதனைகளையும் பண்டித ம. கோபாலகிருஷ்ணய்யர் அவர்களின் துறைப்பணிகளையும் எடுத்துக்கூறினார். அவர்காலத்தில் மாநில அளவில் தமிழிலக்கியத்தில் தேசியக்கல்லூரி மாணவர்களே ஐந்துமுறை முதல் மதிப்பெண் பெற்றனர் என்றார். கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் அவர்கள் தம் தலைமையுரையில், இதுபோன்ற

அறக்கட்டளைகள் நிறுவி துறைசார்ந்த வல்லுநர்களை அழைத்துப் பொழிவாற்றுவதன் நோக்கம், மாணவர்கள் துறைசார்ந்த திறன்களில் ஆழம் பெறவேண்டும் என்பதேயாகும் என்று உரையாற்றினார். இந்நிகழ்வில் **பண்டித ம. கோபாலகிருஷ்ணய்யரின் பெயர்த்தி முனைவர் உஷாமகாதேவன்** அவர்கள் தம் வாழ்த்துரையில், பண்டித ம. கோபாலகிருஷ்ணய்யரின் தமிழ்ப்படைப்புகளையும், பணிகளையும் தேடித்திரட்டி ம. கோ. களஞ்சியம் வெளியிட்ட ஆய்வு அனுபவத்தைக் கூறினார். சிறப்புப் பொழிவாளர் **பாரதிதாசன் பல்கலைக்கழக மேனாள் தமிழியல்துறைத் தலைவர் முனைவர் பா. மதிவாணன்** அவர்கள் 'தமிழ் மறுமலர்ச்சியும் பண்டித ம. கோபாலகிருஷ்ணய்யரும்' என்னும் தலைப்பில் சிறப்புரையாற்றினார். அவர்தம் சிறப்புரையில், பண்டித ம. கோபாலகிருஷ்ணய்யர் அவர்கள் தமிழ் வளர்ச்சியில் எழுந்த தேக்கத்தை கண்டுணர்ந்து தமிழ்மொழியின் தாழ்நிலைக்கான காரணங்களையும் அதை மீட்டும் முயற்சியிலும் ஈடுபட்டார் என்றும், தமிழ்மொழியை வளர்க்க சங்கம் நிறுவி பொழிவு நடத்தியது,

பொதுவானது என்றும், தமிழ்மொழிபக்தியின் மொழி, அன்பின் மொழி என்றும் தமிழையும் இசையையும் பிரிக்கமுடியாது என்றும் உரையாற்றினார். சங்க இலக்கியங்களான பரிபாடல், கலித்தொகை போன்ற நூல்களில் தமிழர்களின்



இசை நுணுக்கம் பரந்துபட்டுள்ளமையையும், அவ்இசைவளர்ச்சியே பிற்காலத்தில் பல்வேறு பரிணாமங்களைப் பெற்று வளர்ந்துவந்தமைப்பற்றியும் சுட்டிக்காட்டிப் பேசினார். மேலும் நாயன்மார்களின் இசைப்புலமை, ஆழ்வார்களின் இசைப்புலமை ஆகியவை குறித்தும், பிற்காலத்தில் இசை கடந்துவந்த பாதையையும் மறுமலர்ச்சியையும், இசைமும் முர்த்திகளின் இசைத்தொண்டினையும், கோபாலகிருஷ்ண பாரதியாரின் நந்தனார் சரித்திரக் கீர்த்தனை, அருணகிரிநாதரின் திருப்புகழ், வள்ளலாரின் திருவருட்பாளனத் தமிழிசைவளர்த்தோர்களைப் பற்றியவரலாற்றுச் செய்திகளையும் எடுத்துக்கூறினார். 19ஆம் நூற்றாண்டில் பாரதியார், பாரதிதாசன் முதலானோர் தோற்றம் பெற்று சுதந்திரம், மொழிஎனப் பலதளங்களில் இசைப் பயணத்தில் தங்களை ஈடுபடுத்தி மக்களுக்கு விழிப்புணர்வுமிக்க பாடல்களை இயற்றித் தந்துள்ளனர் என்றும், 20ஆம் நூற்றாண்டில் டி.எம். செளந்தரராஜன், இளையராஜா போன்றோர் தமிழிசையைக் காலத்திற்கேற்ப புதிய அடையாளம் கொடுத்துவளர்த்தவர்கள் என்று உரையாற்றியதோடு பக்தி, திரைப்படப் பாடல்களைப் பாடி அனைவரையும் இசைவெள்ளத்தில் மூழ்கச் செய்தார்.



மாணாக்கர்களுக்காக மதுரையில் செந்தமிழ்ச் சங்கம் தோற்றுவித்தது, நச்சினார்க்கினியன் என்னும் இதழ் நடத்தியது, புதிய கலைச் சொல்லாக்கங்களை உருவாக்கியது முதலிய அரும்பணிகளையும் செய்தார். தமிழ் நவீன சிறுகதை எழுதுவதற்கான கூறுகளை அன்றே அவர் சிந்தித்துள்ளார். எந்த மொழியும் தனியே வளராது என்றும், பிறமொழிகளின் தாக்குதல் தமிழ்மொழி வளர்ச்சிக்குத் தடையாகும் என்ற மரபுசார்ந்த சிந்தனைகளை முன்வைத்தார். ஜி.யு. போப் அவர்கள் பாராட்டும் அளவிற்கு ஆங்கிலக் கவிதைகளை மொழிபெயர்த்துள்ளார். கற்றோர்க்கும் மற்றோர்க்கும் புரியும் விதத்தில் தன் எழுத்துப்பணியை அமைப்பதில் மிகுந்த கவனத்துடன் இருந்திருக்கிறார் என ஆய்வு நோக்கில் உரையாற்றினார்.

மேனாள் முதல்வர் முனைவர் ந. சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரித் தமிழாய்வுத்துறையில் மேனாள் முதல்வர் முனைவர் ந. சேஷாத்திரி அறக்கட்டளை சார்பாக இசைத்தமிழ் என்னும் தலைப்பில் 25-9-19 அன்று சொற்பொழிவு நடைபெற்றது. **தேசியவிருது பெற்ற 'யுவகலபாரதி' முனைவர் ர. காஸ்யப் மகேஷ்** அவர்கள் 'இசைத்தமிழ்' என்னும் தலைப்பில் சிறப்புச் சொற்பொழிவாற்றினார். அவர்தம் பொழிவில், இசை இதயம் உள்ள அன்பர்களுக்கெல்லாம்

முனைவர் கு. இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரித் தமிழாய்வுத்துறையில் 20-09-2019 அன்று மேனாள் தமிழாய்வுத்துறைத் தலைவர் முனைவர் கு. இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவின் சார்பில் 'சிறுவர் இலக்கியங்கள்' என்னும் தலைப்பில் சொற்பொழிவு நிகழ்த்தப்பெற்றது. இச்சொற்பொழிவில் தமிழாய்வுத்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் வரவேற்புரையாற்றினார். கல்லூரிப் பொறுப்பு முதல்வர் S. சிவக்குமார் அவர்கள் தலைமையுரையாற்றினார். இந்நிகழ்வில் **அண்ணாமலை பல்கலைக்கழகப் பேராசிரியர் முனைவர் அ. சிவபெருமான்** அவர்கள் பொழிவாற்றினார். இப்பொழிவில் அவர் கூறியதாவது: உலகச் சிறுவர் இலக்கியத்தின் தாய் ஓளவையார் என்றும், ஓளவையார் போன்று சிறுவர் இலக்கியத்தினை படைத்தோர் எவருமில்லை என்றும் உரையாற்றினார். அதிவீரராம பாண்டியர் என்னும் பாண்டிய மன்னன் வெற்றிவேற்கை என்னும் சிறுவர்

இலக்கியத்தினையும், ஓளவையார் கொன்றை வேந்தன், முதுரை, நல்வழி, ஆத்திசூடி என்னும் இலக்கியங்களையும், உலகநாதர் உலகநீதி என்னும் இலக்கியத்தினையும் படைத்துச் சிறுவர் இலக்கியத்தினை வளர்த்தனர் என்றும்,



பிற்காலத்தில் பாரதியாரும், அழ. வள்ளியப்பா, கவிமணி தேசிகவிநாயகம்பிள்ளை, பாரதிதாசன் போன்றவர்கள் சிறுவர் இலக்கியங்களை படைத்துள்ளனர் என்று உரையாற்றினார். தற்காலத்தில் மேலைநாடுகளில் சிறுவர் இலக்கியங்கள் வளர்ச்சியடைந்துள்ளமைபோல் தமிழில் அவ்விலக்கியங்கள் வளரவில்லை என்று வருத்தம் தெரிவித்தார். குழந்தைப் பருவம் முதல் அடிப்படைப் பண்பாட்டினையும், பல்வேறு அறிச்செயல்களையும் வலியுறுத்தி படைக்கப்படும் சிறுவர் இலக்கியங்கள் குறித்து ஆய்வுகள் நிகழ்த்தப்பெற வேண்டும் என்றும் அவர் உரையாற்றினார். இந்நிகழ்வில் பிறகுறைப் பேராசிரியர்களும், மாணவர்களும் கலந்துகொண்டனர்.

ASSOCIATION MEETINGS

Biotechnology & Microbiology Association

Biotechnology & Microbiology Association of our College was inaugurated for the current academic year with a lecture titled "Application of Computational Tools in Engineering Biocatalysts" on 26.07.2019. The lecture was delivered by **Dr. Gopinath Krishnasamy, Post Doctoral Researcher, Konkuk University, Seoul, South Korea.** He addressed on the various aspects involved in engineering biocatalysts using different computational tools. Also he



emphasized the role of the enzyme formate dehydrogenase from *Clostridium ljungdahlii* as a bioelectrolytic catalyst.

Botany Association

The inauguration of Botany Association was held on 12th September 2019. The Chief Guest **Dr. V. Venkatesalu, Professor of Botany and Director Center for Academic Research, Annamalai University, Chidambaram,** was introduced by Dr. B. Muthukumar, Head of the Department of Botany. The Chief Guest delivered a wonderful lecture on the topic "Research Design". He told the students and scholars that they should select the research topic on the



basis of their field of interest. He advised the students to choose a particular field and go for in-depth study of the selected area of research and become an expert in that field. Nearly 100 students from the Department of Botany and other departments, members of faculty from the department of Botany and other departments attended the meeting.

Business Administration Association

The Department of Business Administration conducted the inaugural function of its association on the 28th August 2019. The Chief Guest **Dr M.S.Gajanan, Faculty of Operations Management and Quantitative Technique, Indian Institute of Management (IIM), Tiruchirappallai** addressed the students on the topic



'Challenges Ahead In This Fast-Paced World'. He shared his views and ideas about the changes that had occurred in industry. He also highlighted the technological advancements happening in various industries. He outlined the problems faced by the business people while starting or running a

business. Along with this he gave a simple solution to the problems faced by individuals and business houses - "Start Preparing Yourself". He clearly explained the concept of 'Cone of Learning' propounded by Edgar Dale in 1969. He expressed his desire that the students do 'Gap Analysis' regarding their profession and education. He also told the students to be future ready and have a clear idea about their higher studies and the job or jobs they seek.

The Department of Business Administration had the inaugural function of their association on 17-09-2019. The Chief Guest **Dr. K.Muthukumar, Associate Professor, Hallmark Business School, Tiruchirappallai** addressed the students on the topic "Career Challenge in the Technology



Era". He shared his ideas about the changes that had happened in the field of industry and technology. He also highlighted the fact that choosing a career and retaining a job with security had become a challenge for the graduates today.

Chemistry Association

The inaugural function of the chemistry association was held on 02.08.2019. Mr.A.M.Shanmugesh of II M.Sc. Chemistry, the student secretary of Chemistry association welcomed the gathering. The Principal, Dr. R. Sundararaman, delivered the Presidential address. In his presidential address, the Principal appreciated the efforts of the Vice-President, Dr. D. Saravanan and all the faculty members of the department of chemistry for having brought a guest who can inspire the students leading to employment in pharmaceutical industries.

Dr. A. Nallasivam, Senior Manager Analytical Division, Pfizer Healthcare India Pvt. Ltd, Chennai was the Chief Guest of the occasion. Dr. A. Nallasivam gave a very inspiring talk on the topic "The future, functions, operations and opportunities for chemistry in pharmaceutical industries." He gave an introduction to the chemical field and pharmaceutical field. He informed the students that there were a lot of opportunities in the pharmaceutical field, food industries etc. He also explained about the various branches of pharmaceutical industries such as discovery, contract research organisation, fine chemicals, bulk drugs,

formulation and herbals. He gave an idea about the instruments which are being used in the manufacture of drugs. He said that the main advice to be followed in pharma



industries is "Do it right at the first time". The basic skills one needs to possess in order to get a job in pharma industry are: effective communication in English, basic computer knowledge, an idea about pharma companies. He also threw light upon the salary of freshers in the pharma field. Then he took a volley of questions from the audience. In this interactive session he cleared all the doubts raised by the students. The program was supported by STAR College Scheme (DBT) India.

NCIF

National College Instrumentation Facility arranged for a special Lecture on 02.08.2019 in Meeting Hall-I. 125 PG students of Chemistry of our college and nearby colleges participated in this lecture. **Dr. N.Jothi Lakshmi** gave a very inspiring talk on the topic "Steps to Set Chemistry (Journey to Competitive Exams NET/GATE Destiny)". She gave the participants useful ideas about how to win the competitive exams in the field of chemistry. She also discussed the CSIR question patterns and presented a detailed overview of the GATE exams. She explained the broad scope of opportunities in the IITs, IISc and CSIR labs for research. During her talk



she discussed with students how to prepare topic wise and the area they should concentrate more. The students were very interactive throughout the session. She cleared all the doubts raised by the students.

வேதியியல் துறை பேரவைக்கூட்டம்

வேதியியல் துறையின் (சுயநிதிப் பாடப்பிரிவு) பேரவைக்கூட்டம் 06-09-2019 அன்று நடைபெற்றது. சிறப்பு விருந்தினராக கலந்துகொண்ட சென்னை, பைஷர் குளோபல் சப்ளை நிறுவனத்தின் தொழில்நுட்ப உதவிதிட்டப் பணி மேலாளர் முனைவர் து.இராமநாதம் அவர்கள் “மருந்தக தொழிற்சாலையில் வேதியியலின் பயன்பாடு” என்ற தலைப்பில் விரிவுரையாற்றினார்.



Commerce Association

Debate on Indian Economy

The Postgraduate and Research Department of Commerce conducted a debate on the topic “Indian Economy Heading for a Slump or Surge” on 13.09.2019. 28 students participated in the debate, out of which 14 talked about Slump in Economy and 14 argued in favour of Surge in Economy. Dr. T.Nandhini Asst. Professor of our College, Prof. Soundharya of Bishop Heber College, and Professor Vinodhini of Cauveri College and Dr.Rajan from Government Arts and



Science College were the judges. The topics were : Share Market, Indian Economy, Automobile, Real Estate, Textile, Hotel & Tourism and Banking.

The Highlights of the Debate at a glance:

Automobile sector: Several factors like the upcoming BS6 emission norms, registration-related matters and a change in the mindset of millennials, who now prefer Ola or Uber rather than committing to monthly instalments to own a car, were responsible for the slowdown in the automobile sector. Many

Companies announced holidays because of low demand. Yet in long term these sectors will grow with technological changes.

Regarding Banking sector, Students argued that Merger of banks may affect the seasonal business right now as the process of merger will take a year and the small scale sector will be affected. Others argued that India's banking sector is sufficiently capitalised and well-regulated. The financial and economic conditions in the country are far superior to any other country in the world. Credit, market and liquidity risk studies suggest that Indian banks are generally resilient and have withstood the global downturn well.

Share Market: Students argued that there is high volatility due to global issues.

In the case of Textile Sector, it is a large foreign exchange earner, and is the second-largest employer (after the agricultural sector) in the country.

Real Estate: This sector of business has been worst affected because of GST.

Tourism Sector: Today tourism is the largest service industry in India, with a contribution of 6.23% to the national GDP and providing 8.78% of the total employment. Hygiene is the problem faced during tour. However, the present central government has taken steps like Swachh Bharath and building great roads to access points.

Reason for the slump in the economy is due to slow down in sectors like Automobile, marginal fall in Bank retail loans, With the US-China trade war hotting up, global sentiments have remained poor, making the prospects of an export led growth bleak.

The Judges appreciated the conduct of debate and suggested that the students could argue with the support of statistics and data.

Enrichment Programs

The Department of Commerce organized a series of lectures under the banner of the department association which was titled as 'Knowledge Enrichment Programme.' A series of lectures were arranged for the benefit of the students.

On 27.06.2019 **Ms.Sangeetha, Research Scholar, NCT, VIT Consultant** addressed the students on the topic, “Importance of Investment”. She explained the importance of savings and investments in one's life and elaborated on the golden rules of investment. She detailed about the various types of investments like mutual fund, real estate, precious objects and life insurance.

The second Knowledge Enrichment Program was conducted on 27. 06. 2019. **Mr. S. Dayanand Sagar, Product Specialist in Digital Marketing** was the chief guest. In his key note address he explained the importance of digital marketing and the scope of the same in the current scenario. He gave a very beautiful picture of digital marketing from the initial days to the present day.



The third lecture of Knowledge Enrichment Program was held on 03.07.2019. **Ms. Radha K Swami, Government Auditor, USA** was the keynote speaker. She addressed the students on the topic, "Communication-College to Corporate". She detailed the audience about the



importance of communication and the common mistakes made by us during communication. She also told the students about the opportunities available in the USA in the field of communication.

Ms. Devasoorya, Pharmacist, ADA College, Trichy was the Chief Guest of the fourth Knowledge Enrichment Program held by the Commerce Association on 09.07.2109. The speaker created a sense of awareness



among the students about Menstrual Hygiene for girls. She insisted that women should be aware of their personal hygiene and explained about the various types of absorbent used in menstrual pads. She explained the strategies to be followed for the management of menstrual waste.

The department of commerce conducted the fifth Knowledge Enrichment Program on 20.08.2019. **Dr. M.Anusha, Assistant Professor, Department of Computer Science, National College** addressed the students on "Importance of E-Journal". She gave a mind blowing lecture explaining what an e-journal was. She further



highlighted the importance of e-journal in today's life. She also explained how it plays an important role in making us know current affairs through our mobile phone that has brought the whole world into our palm.

The sixth Knowledge Enrichment Program was held on 28.08.2019. **Mr. D.Veerasakti, Proprietor, Apple Millet Restaurant,** was the Chief Guest of the occasion. He addressed the students on the topic "The Magic of Making



Money." The Chief Guest started his speech distinguishing between employment and business. He also shared his experience of spreading positivity among the employees and how to meet their needs with some live examples. He also shared his rich learning experience which was of great use to our students.

The Postgraduate and Research Department of Commerce conducted its seventh enrichment program-Career prospects in commerce on the 1st of August 2019. Our Chief Guest **Dr.Karthikeyan** addressed the audience and explained the career prospects for students. In his motivational talk, he narrated the life history of some of the successful personalities in various fields. He also advised the students to read many motivational books and study online courses through MOOC and SWAYAM.



Commerce Association (UAP)

The inaugural function of Commerce Association (Unaided Programme) Shift I was held on 19.07.2019. The Chief Guest **Dr. C. Paramasivan, Assistant Professor, Department of Commerce, Periyar EVR College, Trichy**, inaugurated the function and spoke on "Know Yourself". In



his keynote address, he told the students about the importance of preparing for a job interview, developing their self confidence, importance of wearing ID cards, and the need for improving their communicative skills. He also pointed out that the student should empower themselves with knowledge. He said, "You should not feel language as a barrier. You should overcome your difficulties and be successful in your career."

The Inaugural function of Commerce Association (Unaided Programme) Shift II was held on 01.08.2019. The Chief Guest **Mr. Sudharson Sundharam, Advocate and psychiatric Social Worker** spoke on the topic "Emotional Intelligence". In his speech he insisted that if students wanted



to be successful in their career, they should find out the field of their interest and also check their potentials in that particular field. They should also check if their chosen field would suit their life style. He also explained about twelve types of Intelligence like logical-mathematical intelligence, bodily-kinesthetic intelligence, musical intelligence, interpersonal intelligence, spatial intelligence, realistic intelligence, emotional intelligence and so on. He told them categorically that if a student possessed at least four types of intelligence out of twelve, they could be successful in their career and life. He concluded his speech by telling them about the Glass theory. To quote him, "What others think of you, what you think of yourself, what you think that others think of you do not matter, but the real you matters."

B.Com CA Association

The association meeting of B.Com with Computer Applications was held on 7.8.2019. The Chief Guest **Dr.M. Pitchaimani, Vice-Principal, Dean of Commerce and Management, Srimad Andavan Arts and Science College, Tiruchirappalli** spoke on the topic "Challenges and Opportunities in Commerce Education." He specified the



advantages of learning commerce and about the opportunities that are available for the students of commerce with Computer Application. He made it clear that the students should develop their skills in areas like accounting software and speaking and writing skills.

Computer Science Association

The Postgraduate and Research Department of Computer Science, conducted the inauguration of Computer Science Association on the 24th of July 2019. **Mrs. R. Kamalambal, Centre Head, Creative Academy, Trichy**, gave a lecture on "Opportunities in Design and Animation Industry". In her keynote address, she outlined the job prospects in Design and Animation industry in India. According to her, the graphic designer is a specialist in solving the problems associated with visual communication. She said, "Animation is the art in which inanimate objects are brought to life with the help of various modern computer based sequencing techniques. Animation as a career option can fulfill one's dream of enjoy-as-you-work". One would

feel satisfied at the end of the day and get appreciation from the clients as well. There is a need for skilled animators since animation has become a lucrative career option for thousands. Animation technology is mostly applied in the gaming industry, film and television industries. It is also widely used in some other areas such as business, sales, engineering, education and advertising."

She further noted, "Animation designer's work is between graphic design and video editing. It involves creating graphics and animation for media companies and advertisers. They may work in association with other



animators and work closely with art directors to convert their creative or imaginative views into visual effects." On the whole she concluded that the students could be imparted skills in the field of Animation which in turn would help them find jobs at global level.

Economics Association

The inauguration of Economics Association was held on 29.8.2019. **Dr.K. Vetrivel, Assistant Professor, Bharathidasan University, Tiruchirappalli** delivered a special lecture on the topic "Recent Trends in Indian Economy." In his speech, the chief guest discussed the main obstacles that stand in the way of the growth of Indian Economy. This discussion was quite useful and beneficial to the students.



English Literary Association

The inaugural function of the English Literary Association was held on 24.07.2019. The Chief Guest **Dr. D. R. Edwin Christy, Assistant Professor, Department of English, St. Joseph's College, Trichy**, delivered the

inaugural Address on "A Glimpse of the Postmodern World: An Introduction". In his inaugural note he claimed that our conception of the world had undergone a complete change in recent times. He said, "A postmodern world is characterised



by a continual change of perspectives, with no underlying common frame of reference. In fact, the term 'postmodernism' has been used to talk about architecture, literature, film, theatre, dance, visual arts, aesthetic criticism and theory, anthropology, historiography, geography, theology, pedagogy, etc. Today, many forms of postmodernism are seen in the arts and other discourses. Some continue to see postmodern as a moment, a movement, a condition or a period."

Certificate Awarding Function

Certificate Awarding Function for Career Oriented Programmes on Journalism and Mass Communication and Teaching English was held on 23-07-19. **Mr. K. Natarajan , Programme Director, All India Radio, Trichy**, was the Chief Guest who distributed the certificates. 16 Students of Journalism and Mass Communication and 5 Students of



Teaching English had successfully completed the programme and received the certificates from the chief guest. The Chief Guest in his address congratulated these students. In his speech, he said, "The certificate that you have received today will help you get a job in reputed institutions because the study programme was combined with industrial training, which made you ready for the industry." Further, he mentioned the several openings available for the journalists

and English teachers and motivated the students to join the course. He quoted Swami Vivekanandha, Gandhiji, Bharathiyar and other leaders and underscored the importance of developing knowledge. Further, he asked the students to listen to All India Radio News to become successful in any competitive examinations. Ten participants gave their feedback on the conduct of the programme. The programme was coordinated by Mr. V. Sri Ramachandran, Assistant Professor of English.

Special Lecture in Remembrance of Girish Karnad

The Department of English organized a Special Lecture on 08.08.2019 . The Chief Guest **Dr. A. S .D. Pillai , Rtd Professor, Department of English, St. Joseph's College, Trichy,** delivered a special lecture titled "In Remembrance of Girish Karnad" expressing his experiences with the eminent writer-cum-activist. Paying rich



encomiums, he explained the way Karnad employed Indian Myths and Archetypes in his works. Girish Karnad was an actor, dramatist, translator and an avant-garde satirist.

Literary Association

The Department of English (UAP) organized the inauguration of Literary Association on the 13th of August 2019. The Chief Guest **Mrs. Anusmitha Sebastian, Assistant Professor, Department of English, Periyar E.V.R. College, Trichy,** inaugurated the Literary Association and delivered a lecture on the topic "Cultural Dilution and Media". She spoke about the role of media in shaping the life



and behaviour of adolescents. She said, "Media mediates reality to us. In a way the world becomes intelligible to us because of media." Mrs. Anusmitha Sebastian also lamented the way the media controls our minds, imposes values and eventually becomes a threat to the culture. She motivated the students to read literature with pleasure. Mr.G. Gopi, the Vice President of the Literary Association organized the meeting.

Geology Association

The inaugural meeting of Geology Association was held on 20.08.2019. The Chief Guest **Dr. N. Muthukrishnan, Asst. Hydrogeologist, TWAD Board, RWS Division, Karur** spoke on "Groundwater Scenario in Tamil Nadu and Conservation of Groundwater" He pointed out



the deficit of rainfall and depletion of groundwater level in recent years. He drew the attention of the audience to the shortage of conservation measures to preserve the rainwater. He was also deeply concerned about the wasting of the water by releasing 170 TMC of water into sea annually. He illustrated the successful conservation methods practiced by Tamil Nadu Water and Drainage (TWAD) Board for the recharge of Groundwater by erecting structures such as percolation tanks, Gabion structures, check dams and recharge pits. He reminded the audience of the maxim- 'Reduce, Reuse and Recycle water' for the successful conservation of water. Students and faculty members of Department of Geology participated and interacted with the Chief Guest on the present status and future measures to be taken to create public awareness on the conservation of groundwater.

வரலாற்றுத்துறைப் பேரவைக் கூட்டம்

வரலாற்றுத் துறையின் பேரவைக் கூட்டத் துவக்க விழா 16.09.2019 அன்று நடைபெற்றது. **காவேரி டைம்ஸ் ஷெட்டரும் பப்ளிஷருமான திரு.ஆர்.சுப்பிரமணியன்** அவர்கள் சிறப்பு விருந்தினராகக் கலந்து கொண்டு 'வரலாறு படைப்போம்' என்னும் தலைப்பில் சிறப்புரை ஆற்றினார். இவர் சிறப்புரையில் "வரலாறு படிக்கும் மாணவ-மாணவியராகிய நீங்கள் வரலாறு படைக்க வேண்டுமெனில் நன்றாக கருத்துணர்ந்து கல்வியினை கற்க வேண்டும். அதற்கு நன்கு திட்டமிடுதல் வேண்டும். நம் உடலையும் உள்ளத்தையும்

தூய்மையாக வைத்துக் கொண்டு இருந்தால் இது சாத்தியம். ஒழுக்கத்தோடு வாழ்ந்தால் மட்டுமே நம் இலக்கினை அடைய முடியும். முயற்சியும், பயிற்சியும் இருந்தால் நாம் எதிர்பார்த்த பதவியினை அடையலாம். கல்வி ஒன்று தான் அழிக்க



முடியாத செல்வம். அதை பிழையின்றி கற்றிடல் வேண்டும். கல்வியினை கற்றுவிட்டால் மட்டும் போதாது அதன் பெருமைக் கேற்றவாறு பெரியோரை மதித்திடல் வேண்டும். வாழ்க்கை என்பதே பேரிடர் நிறைந்த போராட்டம் தான். அந்தப் போராட்டத்தில் வென்று சாதனை படைத்தால் மட்டுமே நாம் சரித்திரத்தில் இடம் பெறுவோம். பந்தயத்தில் கலந்து கொள்ளும் எல்லா குதிரைகளும் முதல் பரிசு வாங்குவதில்லை. முதலில் வரும் குதிரைதான் பரிசும் அனைவரிடம் இருந்தும் பாரட்டுக்களையும் பெறும். அதேபோலத்தான் நாமும் நம் எண்ணத்தினை ஒருமுகமாக்கி படித்து சாதனையைச் சொந்தமாக்க வேண்டும். அப்போது தான் நாம் வரலாற்றில் இடம் பெறுவோம். வரலாறு என்பது சாதாரணமான துறை அல்ல. மிகவும் முக்கியமான ஒன்று எனவே நன்கு படியுங்கள் வரலாறு படியுங்கள் வெற்றி உங்களுக்கே என்று ஏராளமான சிந்தனைக் கருத்துகளையும் தன் வாழ்க்கை அனுபவங்களையும் நகைச்சுவையுடன் கூறினார். அவரின் இந்த சொற்பொழிவு வரலாறு படிக்கும் மாணவர்களுக்கு மட்டுமின்றி அனைவருக்கும் ஏற்படையதாக இருந்தது.

Mathematics Association

Dr.S.Sethuraman, Associate Professor of Mathematics, Periyar E.V.R College, Trichy, inaugurated the association activities of the Department of Mathematics



for the academic year 2019-2020 on 22-08-2019. In his inaugural lecture on "Fuzzy Topology", he clearly explained

the concept of Fuzzy Topology and demonstrated how the crisp set can be transformed into fuzzy set. He also explained how Fuzzy set theory provides us with a framework which is wider than that of classical set theory. Further he stated the various mathematical structures, whose features emphasize the effects of ordered structure. Fuzzy topology is one such branch, combining ordered structure with topological structure. He also motivated the students to continue their research in Fuzzy Topology.

The inauguration of Mathematics Association (Un-Aided Programme) was held on July 30, 2019. Dr.R.Sundaraman, Principal, delivered the presidential address and gave away the badges for the Vice-President and the Student Secretary. The chief guest **Mr. R. Suresh Kannan, Assistant Professor, Department of Mathematics, Mannar Thirumalai Naicker College (Autonomous), Madurai,** addressed the students on the topic "Through CSIR NET/JRF, SET and IIT JAM Examinations



in Mathematics". In his lecture, he explained how mathematics plays a vital role in various fields. He emphasized the importance of clearing IIT JAM examinations and encouraged the students to prepare themselves for NET/SET examinations. He also told them about the nature of these exams and gave them adequate number of preparation tips to clear such competitive exams. He further elaborated on the career options available after clearing these examinations and motivated the students to choose their career through competitive exams. Students gained much knowledge through his guidance and wonderful speech.



The Mathematics Association Meeting (Un-Aided Programme) was held on September 13, 2019. The Chief Guest **Dr. M. Seenivasan, Associate Professor, Department of Mathematics, Annamalai University, Chidambaram**, delivered a lecture on the topic "Random Processes and its Applications". He explained as to how to apply them in real life. Through his lecture the students gained knowledge about the random processes and their role in various fields.

The Mathematics Association (Shift 2) meeting was held on September 23, 2019. The Chief Guest of the day, **Dr. D. Dhamodharan Assistant Professor, Department of Mathematics, Jamal Mohamed College, Trichy**, spoke on the topic, "Sequence and Series". His lecture helped the



students to gain knowledge about the various applications of Sequence & Series and its uses. He also illustrated how to crack questions of GATE and IIT JAM exams based on Sequences & Series. Many students found his lecture to be very informative and pragmatic.

Physics Association

The inaugural function of the Physics Association was held on 15-07-2019. **Dr. S. Gunasekaran, TANSA Awardee, Founder of ISPA association, Dean Research and Development, St Peter's Institute of Higher Education**, was the Chief Guest. He delivered a Lecture on "Concept for Inspiring Innovations to bind Science and Society". In his inaugural address, he spoke on the importance of science and its conceptual implications for



society. He said, "A society which does not improve with science will not flourish. The stake holders for developing a society should include talented scientists." He also spoke about innovations and inspirations. "Societal inspiration leads to innovation." He was full of appreciation for the instrumentation facility of our college. Dr.S.Jayakumar, Associate Professor of Physics, Vivekananda College, Chennai, offered his felicitations. Staff members of the department and students turned up in large numbers and made the function a grand success.

The Department of Physics (UAP), inaugurated the Physics Association on 27-08-19. **Dr. T.C. Sabarigirisun, Assistant Professor, School of Physics, Bharathidasan University, Tiruchirappalli**, was the Chief Guest and he delivered a special lecture titled "Era of Nonlinearity". The chief guest started with a brief motivational talk on what physics is all about and from there he moved on to the wider concepts of Lasers and Nonlinearity. His speech was stimulating and thought provoking with the concepts of



Lasers and its applications. The students interacted with the speaker enthusiastically. He explained the scope for research in the field of Nanophotonics.

Statistics Association

The Department of Statistics (Un-Aided Programme) conducted a special lecture on 2-08-2019. The Chief Guest **Prof. V.C. Malarmannan** delivered a lecture titled "Scope & Opportunity for Statistics." He shared many inspirational ideas on statistical tools and explained them through games. He gave a detailed description of the opportunities available for the students of Statistics in future. He boosted the morale of the students and told them to develop positive thinking. Students gained positive ideas which had a great impact on moulding themselves for the integral dimensions of the growth of their future.

The Department of Statistics (Un-Aided Programme) conducted a special lecture on 28-8-2019. The Chief Guest **Dr. B. Senthil Kumar** delivered a lecture on "Application of Statistics in real life". He explained how to apply statistical tools in different fields such as Economics,

Business, Medicine and real life. Also, he detailed as to how to apply measures of central tendency concepts in real life situation and shared his opinion on various statistical



packages like SPSS, R Package, SAS, and so on. Students gained new ideas and techniques on mean, median, mode and methodologies for using them in various concepts through his lecture and motivational thoughts.

உ. வே. சாமிநாதையர் தமிழ்ப்பேரவைத் தொடக்கவிழா

திருச்சிராப்பள்ளி, தேசியக்கல்லூரித் தமிழாய்வுத் துறையின் உ.வே.சாமிநாதையர் தமிழ்ப்பேரவைத் தொடக்கவிழா 02-08-2019 அன்று நடைபெற்றது. நிகழ்ச்சியில் சென்னை திரு சிவாவிஷ்ணு ஆலய ஓதுவார் திரு. பொ. முரளிதரன், 'நால்வர் பொற்றாள் எம் உயிர்த்துணையே' என்னும் தலைப்பில் சிறப்புச் சொற்பொழிவு ஆற்றினார்.



அவர்தம் உரையில், தேவாரத் தமிழின் மாண்பு, இசையின் இன்பப்பெருக்கு, சைவநெறியின் செழுமை போன்றவற்றை விளக்கினார். தேவாரதிருவாசகப் பாடல்களைப் பண்ணிசையுடன் பாடி அவையோர்க்குப் பரவசமுட்டினார். பக்திக்கும் இசைக்கும் தமிழைப்போல் இசைவான மொழி வேறில்லை என்பதை உணர்த்தினார். இந்நிகழ்ச்சியைத் தமிழ்ப்பேரவைத் துணைத்தலைவர் முனைவர் இரா. இரவிச்சந்திரன் ஒருங்கிணைத்து நடத்தினார். இந்நிகழ்ச்சியில் பல்துறை பேராசிரியர்களும் மாணவர்களும் நிகழ்ச்சியில் பெருந்திரளாகப் பங்கேற்றுச் சிறப்பித்தனர். தமிழாய்வுத்துறை உதவிப்பேராசிரியர் முனைவர் க. புவனேஸ்வரி நிகழ்ச்சியைத் தொகுத்து வழங்கினார்.

கல்லூரித் தமிழாய்வுத் துறையின் உ.வே. சாமிநாதையர் தமிழ்ப்பேரவைச் சிறப்புச்சொற்பொழிவு 12-09-2019 அன்று நடைபெற்றது. இந்நிகழ்ச்சியில் தேசியக்கல்லூரியின் முன்னாள் மாணவரும், வழக்கறிஞருமான திரு. வேங்கை சந்திரசேகர் அவர்கள் பாரதியாரின் நினைவைப் போற்றும் வகையில் "பார் போற்றும் பாரதி" என்னும் தலைப்பில் சிறப்புச் சொற்பொழிவு ஆற்றினார். அவர் தம் உரையில், பாரதியார் வறுமையில் வாடியபோதும் தேசப்பற்றுடன் வாழ்ந்ததோடு, தாம் கற்ற 14 மொழிகளில் தமிழ்மொழிபோல் இனிதாவதெங்கும் காணோம் எனக் கவிதை வடித்துத் தமிழ்ப்பற்றுடன் திகழ்ந்தார். ரௌத்திரம் பழகு, குலத் தாழ்ச்சிகொள்ளல் பாவம், காக்கைக் குருவி எங்கள் சாதி எனச் சமுதாயச் சிந்தனைகளையும், ஓடி விளையாடு பாப்பா எனக் குழந்தைப் பாடல்களையும் தம் கவிதைகளில் படைத்துக் காட்டினார். ஈரோட்டில் 'மனித வாழ்க்கை



நிலையற்றது' என்னும் தலைப்பில் இறுதியாக உரையாற்றினார். உரையாற்றிய சில நாட்களிலேயே திருவல்லிக்கேணி பார்த்தசாரதி கோயில் யானையால் தூக்கி வீசப்பட்டு உடல்நலக் குறைவால் இவ்வலக வாழ்வை நீத்தார். இவ்வாறு பாரதியாரின் வாழ்க்கையை நினைவுட்டும் வகையில் மாணவர்களிடம் எடுத்துரைத்தார். தமிழ்த்துறை மற்றும் பல்துறை பேராசிரியர்களும் மாணவர்களும் நிகழ்ச்சியில் பெருந்திரளாகப் பங்கேற்றுச் சிறப்பித்தனர்.

தமிழ் இலக்கியப் பேரவைவிழா

21.09.2019 அன்று கல்லூரியின் சுயநிதிப்பிரிவு தமிழ்த் துறை சார்பில் தமிழ் இலக்கியப் பேரவைவிழா நடைபெற்றது. திருச்சி, குண்டூர் எம்.ஐ.டி. கலை அறிவியல் கல்லூரியின் தமிழ்த்துறை உதவிப்பேராசிரியர் "நற்றமிழ் நாவலர்" முனைவர் மு.பாலசங்கர் அவர்கள் "இனியொருவிதி செய்வோம்"



என்னும் பொருளில் சிறப்புரைநல்கினார். மாணவர்களிடம் தமிழ் மொழியின் சிறப்பை எடுத்துரைத்து, தன்னம்பிக்கைச் சிந்தனைகளை வளர்த்துக் கொள்ளவேண்டும் என்று கூறினார். அதனோடு எதிர்காலத்தில் வாழ்க்கையில் முன்னேறுவதற்கு முயற்சிகளைக் கையாளவேண்டும் என்றும், இலக்கியங்களின் வழி மனிதநேயத்தையும் வளர்த்துக் கொண்டு அதன்படிநாம் வாழவேண்டும் என்ற அவசியத்தையும் வலியுறுத்திப் பேசினார், அதனோடுதற்கால இளைஞர்கள் எந்தெந்ததுறைகளில் மாற்றத்தை ஏற்படுத்த வேண்டும் என்பதையும், அம்மாற்றத்திற்கான வழிமுறைகளையும் மாணவர்கள் மத்தியில் எடுத்துரைத்தார்.

05.08.2019 அன்று தமிழ்த்துறை (சுயநிதிப் பிரிவு) தமிழ் இலக்கியப் பேரவைவிழா நடைபெற்றது. இவ்விழாவில் திருவையாறு அரசுக்ல்லூர் சார்ந்ததமிழ்த்துறை இணைப் பேராசிரியர் முனைவர் ச. திருஞானசம்பந்தம் அவர்கள் சிறப்புவிருந்தினராகக் கலந்துகொண்டு “யாழ்ப்பாணத்தின் மொழிகளிலே” என்னும் பொருண்மையில் பேசினார். தாய்



மொழிதமிழ் உலகளவில் பேசப்பட்டுவிஞ்சிநிற்கிறது. இலக்கியகாலம் தொட்டே முதன்மை மொழியாகப்பேசப்படும் நம்முடைய தமிழ்மொழியில் உள்ள இலக்கியங்கள் எந்நாட்டவர்க்கும் உறுதுணைபுரிகின்றன. தாய் மொழி என்பது மனிதனோடு ஒட்டிப் பிறந்தகண்கள் போலவும், பிறமொழிகள் அக் கண்ணுக்குப் பாதுகாப்பாகவிளங்கும் கவசம் போன்றது என்றும் கூறி தலைசிறந்த வாழ்விற்கு தாய் மொழி இலக்கியங்களை கற்று அறியவேண்டும் என்று மாணவர்களுக்கு விளக்கிக் கூறினார். இந்நிகழ்ச்சியில் பிறத்துறை பேராசிரியர் பெருமக்கள் திரளாக கலந்து கொண்டனர்.

Zoology Association

Lecture series-Tiger Census Techniques

The Department of Zoology arranged for a lecture series under DBT STAR College scheme on 08.07.2019. **Mr. Muthukrishnan of Wildlife Institute of India, Dehradun**, gave a lecture on “Tiger Census Techniques”. He described the various types of census techniques involved in wildlife census. Camera trap, one of the indirect techniques, was used recently in tiger census. He showed the latest camera Cuddle Back Blue series model used by him in the tiger census. He explained the importance and advantages of this model compared to previous models in capturing the

image as well as personal safety of the individual in the forest. He gave a clear picture of the components of the camera one by one and clearly explained the settings in it. He put in plain words how the animals are captured when they are solitary or



in herd. He explained the flash range settings for different image sizes of the tigers and how to take a good quality picture of the animal. He showed the different photographs of the tigers, deer, bison, and elephants which are very rare and amazing to look at. The students learnt how to use the camera for census purposes.

Biotechnology in Animal Breeding

The Department of Zoology arranged for a lecture session under DBT STAR College scheme on 09.08.2019. **Dr. G. Nagarajan, Senior Scientist, Southern Regional Research Institute, ICAR-CSWRI, Kodaikanal** delivered a lecture on the topic “Molecular Biology Techniques”. Initially he gave a detailed information about the ICAR Central Sheep and Wool Research Institute and the establishment of



Southern Regional Research Centre in sub-temperate region at Mannavanur in Tamil Nadu located 35 km ahead of Kodaikanal, Tamil Nadu in 1965. He further gave a description of the elite flock of Bharat Merino sheep which have their habitat in cold climate are well in demand in southern states for mutton and wool. “The sheep station is a breeding centre for this sheep,” he said. Then he stated that Polymerase Chain Reaction is simple in vitro technique used to amplify specific small fragment of DNA. He explained the short history of PCR developed by Dr. Kary Mullis and the Perkin Elmer Company that introduced the automated thermal cycler. He pointed that the primer, a short nucleic acid sequence, is the essential

component in the reaction mixture. Also he gave the example that Tag DNA polymerase enzyme which is used is not inactivated even at 95° C in the reaction. He added that primer is a type of RNA polymerase II widely used in Molecular Biology techniques. He described that in a PCR experiment, two primers are designed to match to the segment of DNA through complementary base pairing, one primer attaches to the leading strand at one end and the other primer attaches to the lagging strand at the other end. Then he briefed about the necessary conditions like denaturation of double stranded DNA, annealing of primers and final extension process.

Drone in Wildlife Studies

The Department of Zoology arranged for a lecture under DBT STAR College scheme on 19.08.2019. **Mr. Muthukrishnan, Project Intern, Wildlife Institute of India, Dehradun**, gave a lecture on the topic "Uses of Drone in Wildlife Studies". He explained the reliability and affordability of the miniature instrument called Drone. He



added that this instrument can provide more precise data than traditional ground-based techniques while monitoring a large group of wildlife animals. It provides accurate census in population studies with minimal disturbances to the wildlife animals. He demonstrated the Drone camera otherwise known as autonomous Unmanned Aerial Vehicle (UAV) and explained the remote operating system to the students in an extraordinary manner. He pointed out the components of the camera one by one and demonstrated the operation of the camera in a lively manner. He told the students to hold the antenna as high as possible to improve signal detection. It also helps to tag the animals easily and understand their movements.

Finally he concluded with the statement: "Ecologists are increasingly using these Drones to gather data in a more accurate way than old traditional census techniques. Also they can track hundreds of animals simultaneously, minimise animal habitat disturbance, and gain safety in remote areas." Students were trained and allowed to operate the drone and take images of the desired subjects.

தேசியக் கல்லூரி நூலகத்தில் TNPSC - பயிற்சி வகுப்பு

தேசியக் கல்லூரி நூலகத்தில் TNPSC Group IV-க்கான பயிற்சிவகுப்பு இன்று ஜீன்-30ஆம் தேதி முதல் நடைபெறுகிறது. பயிற்சியாளர் முனைவர் **திரு.S.இரபேல்** மற்றும் **திரு. நடராஜன்** ஆகியோர் பயிற்சிவகுப்பைத் தொடங்கினார்கள். விழாவில் சிறப்பு விருந்தினர் அவர்கள் மாணவர்களுக்குத் தேர்வில் வெற்றி பெறுவதற்கான



வழிமுறைகளையும், பாடத்திட்ட அமைப்பையும் எடுத்துரைத்தார். TNPSC IV இல் பொது அறிவு வினாக்கள் 75, திறனறிவுத் தேர்வு வினாக்கள் 25, மற்றும் பொதுத் தமிழ் (அல்லது) பொது ஆங்கிலம் 100 வினாக்கள் என 300 மதிப்பெண்களுக்குக் கேட்கப்படும். ஆனால் தேர்ச்சி என்பது அவரவர் சமுதாயத்தில் தரவரிசை அடிப்படையில் நிர்ணயிக்கப்படும். அனைவராலும் வெற்றி பெறமுடியும். ஆனால், தரவரிசையில் முதல் 100 இடங்களுக்குள் நாம் இருந்தால் வேலைவாய்ப்பு உறுதி. மாணவர்கள் 6 முதல் 10 ஆம் வகுப்பு வரை உள்ள அறிவியல், தமிழ், கணிதம், சமூக அறிவியல், பாடம் மற்றும் திறனறிவுக் 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. இப்பயிற்சி வகுப்பில் நூற்றுக்கும் மேற்பட்ட மாணவ மாணவிகள் கலந்துகொண்டு பயன் பெறுகின்றனர். நூலகப் பணியாளர்கள் இப்பயிற்சிக்கான ஏற்பாடுகள் அனைத்தையும் சிறப்பாகச் செய்திருந்தனர்.

Book Exhibition

The Two-day (20-09-2019 & 21-09-2019) book exhibition organized by the Department of Library Science at National College provided a vital link between book sellers and book buffs of the city and neighboring Districts. A collection of 20,000 books on various topics, including Chemistry, Geology, Biotechnology, Physics, English, Sanskrit and Tamil languages Advanced algebra, fundamentals of mathematics and biography of great leaders

and scientists kept every visitor glued to the books . The Tamil editions focused on the later chola period, History of the Chidambaram temple, Periyapuram and life and works of Sri Sundara one of the four stalwarts of saivism besides the verses and interpretation of it.



In all, Eight Publishers had participated in this annual event catering to the needs of different Departments of Higher Educational institution. "A large number of Students and Libraries from Trichy and neighboring Districts benefited from the Exhibition", said T.Sureshkumar Librarian of the college , referring to the response to the Exhibition . A special discount of 20% was another attraction.

NCC

The NCC Air Wing cadets of our college cleaned the plastic waste and other non degradable junk from Mekkudi village near Manikandam as a part of Swachh Bharath Activity in association with Nehru Yuva Kendra Sangarthan on 30th



July 2019. Flying Officer Dr.R. Suresh Kumar had registered his team of cadets with Nehru Yuva Kendra Sangarthan, a central government organization under Ministry of Youth Affairs and Sports, for involving the cadets in social service activities. This cleaning activity was welcomed by the people of Mekkudi village and they thanked the team for their service.

Free eye check up camp

The B2 Flight of NCC Air Wing of our College organized a free eye checkup camp for the students and staff members on 27.09.2019 at the college campus in association with Mahatma Eye vision and Research institute, Trichy. Dr. Angelish. B.H., M.S. of the Mahatma Eye Foundation was the chief guest and delivered a lecture on the ways of maintaining



a good eye sight. Free contact lens were provided for the needy students and around 300 students and staff members participated in the camp.

A Motivational program was conducted by 4(TN) Girls Bn. NCC on 23.07.2019. The Program was guided by ANO Lt. V. Vanitha. Around 200 students and NCC Cadets participated in this program. The **Commanding Officer Col. Gopi Kumar** presented a ppt about motto and objectives of the NCC for the students. He discussed the importance of " B&



C" NCC certificates and its organization, participation in ATC, CATC and RDC camps, job opportunities, scholarships, training etc., He shared his life experience to motivate them. As a result more students are now willing to join NCC and be good citizens of our country.

20th Kargil Vijay Diwas

"20thKargil Vijay Diwas" program was celebrated by 4 TN Girls Bn on 26.07.2019. Around 150 students and NCC cadets participated in this program. Homage was paid to the fallen Indian soldiers by observing two minutes silence. Lt V. Vanitha addressed the gathering. The Chief Guest **Major D. Prabhakar** (District Ex service men welfare officer) made a PowerPoint presentation about the Siachean Glacier (the most active high altitude battle field). He clearly explained what actually happened during the Kargil war. He honored Major Saravanan and other military men who lost their lives in the Kargil war in 1999. He read out the names of soldiers who received the awards. Finally, he cited 10 golden rules to be successful in their life.

International Day against drug abuse and illicit trafficking program was conducted by 4 (TN) Girls Bn. NCC on 03.08.2019. Around 100 students and NCC cadets participated in this program. Lt.Vanitha welcomed the Chief Guest. Principal Dr. R. Sundararaman who presided and



spoke about drug abuse and illicit trafficking. He drew attention to the fact that "students are the future pillars of our Nation." They should be aware of drug abuse. He explained to the students how drug abuse ruins one's life and leads to possible death. He told them in clear terms that the usage of drugs is a crime and punishable by law. Finally he advised the students to work towards drug free future.

NSS

Pre-RD Parade

A total of 300 participants took part in the Pre-Republic day parade camp which was held at National college from 16-10-2019 to 25-10-2019. The best performers would be handpicked to represent three States and three Union Territories in the National Service Scheme (NSS) wing. The 10 day training camp was inaugurated on Wednesday and on Thursday drills and marches started. Student participants represented Tamil Nadu, Kerala and Karnataka and the Union territories of Puducherry, Andaman and Nicobar and Lakshwadeep. In all 300 students - 150 girls and 150 boys-



took part in the camp. However, only 46 were selected for the Republic Day parade in New Delhi. Our College NSS officer S.Karuthan said, "Students should have been in service for at least two years, and taken part in one national camp. In addition to that, they should have spent 240 hours doing

service in the previous two years. Only then they become eligible to be selected." Scores of such students participate in university level prelims that include sports, cultural and parade events and the 300 students in the camp had to undergo rigorous screening.

Desilting Work at Aalampatti Oorani

The Tiruchirappalli District Administration had requested all the higher education institutions in the district to take part in its social service initiative by desilting and cleaning up the water bodies before the onset of monsoon. Heeding the call, our college identified a tank near Aalampatti and decided to carry out the desilting work. On 02.08.2019, the tank's inner part was desilted with the help of an earthmover. All the weeds, bushes and briars were removed. The work that started at 8.00 a.m. went on till 5.30 p.m with a half an hour break in between. The work was supervised by Lt..K.Ramar, Flg.Off. R.Suresh Kumar (NCC officers) and student volunteers. The tank bund on the southern side was strengthened and the path created for the movement of cattle for grazing was plugged. A withered and hollowed tree



that stood blocking the water inlet was also removed. The villages offered their cooperation. Mr. Lawrence, who acts as Talaiyari and a few others offered their help in many ways.

On 03.08.2019, the work continued with the help of nearly 75 NCC and NSS volunteers Dr. B. Sekar, Dr.V.Srividya (NSS officers) and Lt.V.Vanitha (NCC officers) joined the student work force and supervised the ongoing work. The rubbish and the fallen tree trunk were removed. The bushes surrounding the tank steps were cleared. The work continued till evening with the help of an earthmover and the tank bed was evenly cleaned. However, the rocky outcrops in the tank posed problems. So only the central part of the tank could be dug to a depth of two and a half feet. The villagers again helped the volunteers, this time by providing snacks and cool drinks.

The Principal Dr. R.Sundararaman along with the Vice Principal Dr.D.E.Benet oversaw the operations. The Secretary of our college Shri.K.Raghunathan guided the teachers and volunteers and financed liberally the undertaking of the whole project.

SPORTS

Plastic Free Tamilnadu-Awareness Programme

The students of the Department of Physical Education and Sports Sciences held placards and raised slogans to promote awareness about the harmful effects of



plastic during the awareness conference held at National College on the 14th of July 2019. Their eager participation lent a huge support to the cause of Plastic Free Tamil Nadu. On their part, the students also learned to develop a reverential attitude towards nature and dedicated themselves to preservation of nature.

Inter Collegiate InterZonal Tournament

National College won the Inter Collegiate InterZonal Tournament on 6th September, 2019, by defeating Bishop Heber College, TVK Govt Arts College and AVC College. At the zonal tournament our team defeated NMC, Kongu College and Jayaram Arts and Science college, comprehensively before reaching the inter- zonal title round. It was a notable performance for Mr Niranjana who scored two centuries and two half centuries. K R Abishek and R Rajiv scored two half centuries each in this season. M.Thirumanivasan took 18 wickets in the tourney. It was a day filled with fervour and



exhilaration, amidst thrills and cheers. Our college team secured the second place in the prestigious Trichy District First Division Cricket League Tournament held on the 8th of September 2019.

ROTARACT

The Installation of New Office Bearers for the Year 2019 - 20 took place on 31.07.2019. 6 Office Bearers and 23 Boards of Directors For the Club took charge. Rtr.B.Azeez,

President of the Club (2018-19) welcomed the gathering. The annual report was presented by Rtr.S.Sriram, Secretary of the Club (2018-19). The Function was presided over by Rtn.M.Sethuraman (President, Rotary club of Tiruchirappalli) and the pinning of the badge was done to the upcoming president Rtr.S.Sriram by him in the presence of Rtr.B.Azeez, President of the Club (2017-18). The Secretary Badge was pinned to the Upcoming Secretary Rtr.S.Sunil Vikas by Rtn.M.Sethuraman. Rtr.HarishVasan, District Rotaract Representative (RID3000) felicitated the organizers of the event. Rtn.M.Sethuraman, President of rotary Club of Tiruchirappalli addressed the fresh Rotaracters. He told the Rotaracters, "The Rotaract and Rotary are the major platforms where you could find leaders for the Nation".

Rtn.MeenaSubbiah, Youth Service Director, who was the Chief Guest of this Installation Ceremony, in his address to



the Rotaracters said "The Rotaract could be used by the young people to develop their public skills and extend their Helping Hands towards Society".

EXNORA

NSS and Student Exnora of our college held a meeting on 01.08.2019 to explain the importance of organic farming to our students. **Dr. Kannan, Former Associate Professor, Tamil Nadu Agricultural University, Tiruchirappalli** was the Chief Guest. More than 200 students took part in the meeting and they were told about



the practices in Organic farming. The Chief Guest in his address told them the difference between organic farming and the chemical farming which most of the farmers do with

the help of fertilizers and pesticides nowadays. He cautioned the audience of the ill effects caused by the intake of agricultural products from chemical dependent farms. He also told the students how they can do their part in promoting organic farming in their household by setting up either a terrace garden or organic garden in their home. It was a very useful session for the students. Dr. B. Sekar, Programme Officer, Unit I, and Dr. V. Srividhya, Programme Officer, NSS Unit II, made the arrangements.

GENDER CLUB

The Gender Club of our College conducted a meeting on 25th July 2019. **Dr.S.Kamaraj, District Siddha Medical Officer, Dr. B. Thamizhkkani, Assistant Medical Officer (Siddha), MGMGH, Trichy** and **Dr. K. Isai Amuthu, Naturopathy Medical Officer, MGMGH, Trichy**, spoke on the occasion. In his speech Dr.S.Kamaraj insisted, "Traditional food items are foods that were consumed by our ancestors before the modernization and industrialization of the food supply. These foods are not only free from additives, chemicals and many of the things we find in food today, but they were exceptionally nourishing." He also insisted on the importance of the medicinal plants. To quote his words, "Medicinal plants are considered as rich resources of



ingredients which can be used in drug development either pharmacopoeia, non-pharmacopoeia or synthetic drugs. Some of these plants include ginger, green tea, walnuts, aloe, pepper and turmeric etc. Some plants and their derivatives are considered as important source for active ingredients"

Dr. K. Isai Amuthu in his speech observed: "Though people are aware of the proverb, 'Health is Wealth,' no one is ready to follow the proverb in its true sense in their life. We should lead a life of discipline and follow the rules of Nature to lead a normal life. Earlier people were strong and healthy because they were involved in physical activities in one form or other. But the growth of science and technology has made humans lazy in every walk of life. In order to keep ourselves physically, mentally, emotionally, socially and intellectually healthy, we need to be active on a daily basis. We have to follow good habits like well maintained diet, exercises and positive thinking.

Dr. B. Thamizhkkani observed: "Nowadays, teenagers are very commonly addicted to drugs and alcohol

which has resulted in serious consequences. Repeated and regular recreational use of drugs can lead to other problems like anxiety and depression or a lack of positive social skills. This has resulted in rise in drop out rate in schools and delinquent behavior and deterioration in family relationships." The meeting turned out to be a very useful session for the participants as it created a sense of awareness in them.

Women's Hostel

Women's Hostel Fresher's Day was celebrated on 11-07-2019. Dr. V. Vanitha, the Dy. Warden, welcomed the Chief Guest **Mr. K. Sivagurunathan, The Secretary, Trichy Fun Club**. The chief guest spoke about the importance of laughter and sense of humour in our lives and



engaged the students with funny stories, witty remarks and wisecracks. The cultural events that followed were performed by hostel students. Winners of cultural events were awarded with prizes. Special snacks and a sumptuous dinner were provided to the hostel students.

Teachers' Day - 05-09-2019

It has been our practice to invite the retired teachers of our college and honour them on the Teachers' Day. This year the Teachers' Day saw **Dr. B.N.Viswanathan, former Head of the Department of Commerce** and **Shri. S. Kunjithapatham, former Vice Principal**, as guests of honour. They recollected their rich memories about their



halcyon days as teachers. For many in the audience it was like turning the pages of history of our college.



Four-Day Faculty Development Programme for the New Teacher Recruits

The four-day programme was conducted as weekend programme (29th & 30th June and 06th & 07th July 2019) for the new teacher recruits of our college. They were initiated into the art of teaching, research, classroom management, lifelong learning, using ICT tools and developing teaching efficacy. Veteran trainers and motivational speakers like Prof. R.Panchanathan, Prof.



Jayakar Chellaraj, Prof. Boominathan, Prof. Ram Ganesh, Department of Educational Technology, Bharathidasan University, Tiruchirappali, Dr. K.Anbarasu, Director of Studies, National College (Autonomous), Tiruchirappali, Dr.M.S. Xavier Pradheep Singh, Assistant Professor of English, St. Joseph's College, Tiruchirappalli, Dr. M.S. Mohamed Jabbir, Dean IQAC, National College, Trichy and Dr. D.E.Benet, Vice Principal, National College, Trichy, acted as resource persons. These highly interactive sessions helped the teachers to overcome their inhibitions and learn new teaching techniques. Many of the teachers during the feedback session appreciated the learning modules. The Programme was inaugurated by Dr. R. Sundararaman, Principal, on the 29th of June. Our Secretary Shri K. Raghunathan distributed the certificates to the participants on the 7th of July 2019.

Public Financial Management System Training for the College Staff

Radical transformations are underway since the Modi-led Government of India announced Demonetization on 8th November 2016. Digital money transfers had been the

buzz word for all those handled money irrespective of the denominations. From petty shops to corporates, housewives to CEO, everyone is adapting themselves to the new ways of digital era. Following this, a year ago, University Grants Commission announced that every paise that an Institution receives from any Government Funding Agency must be accounted for through digital money transfers. An online web-based Financial Management software called Public Financial Management System, popularly known as PFMS was launched by the Ministry of Finance, Govt. of India for all those organizations and institutions that receive funds from Govt. agencies and to whom they are to submit audited reports of the expenditures incurred in the execution of the relevant projects. But, there has been a slack in the usage of this PFMS portal, for which a Two-Day workshop has been organized by the Internal Quality Assurance Cell of National College (Autonomous), Tiruchirapalli on 26th and 27th November 2019 in the College premises. The inaugural function was held on 26th November, 2019 at 9.30 am at seminar hall. A large group of participants from over 38 Colleges participated. Among them were Principals of institutions, Assistant Professors, Bursars, Office Superintendents and other Non-Teaching staff who were either involved in disbursing the Grants from the Government funding agencies or responsible for preparation of Utilization Certificates and Statement of Expenditures of various funded projects. **Shri. S. Francis, Senior Accounts Officer, (Technology Division), from the Ministry of Finance, PFMS** along with **Prof. P. Mehalingam, Nodal Officer, PFMS, VHNSN College, Virudhunagar** were the resource persons for the two-day workshop in the PFMS web-based portal. Principal of National College, Dr. R. Sundararaman welcomed the gathering at the Inaugural function and honoured the resource persons. Prof. P. Mehalingam, in his



talk reminded that the funding agencies announced several times that they would not entertain proposals and grant funds if the Institutions did not make use of PFMS portals for the submission of expenditure details. He said, "A number of such programs are being organized in various parts of the country to create awareness." Mr. S. Francis, in his talk, mentioned, "The PFMS portal may be quite complicated to start with. However, it is the easiest way of managing funds as per the regulations. Such workshop training is essential in order to make the users familiar with the procedures." Prof. M.S.

Mohamed Jaabir, Co-ordinator of IQAC and also the event, thanked everyone for gracing the occasion. The workshop was regarded highly crucial where several modules regarding linking of institutional bank account, various schemes, fixing vendors, making transfers between bank accounts and many other tools and online fund transfer issues were demonstrated for all the trainees. Every participant was asked to log into their respective institutional PFMS account. Participants appreciated highly the efforts taken by the host institution and the resource persons for giving such an opportunity to upgrade themselves in their professional demands. PFMS issues faced by the institutions were resolved by the representatives.

பேராசிரியர்களுக்கு பணித்திறன் மேம்பாட்டு பயிற்சி

26.6.2019 அன்று திருச்சி தேசியக் கல்லூரியில் பணிபுரியும் பேராசிரியர்களுக்கான பணித்திறன் மேம்பாட்டுப் பயிற்சி புதன்கிழமை நடைபெற்றது. **மதுரை மாநகரக் காவல் துணை ஆணையர் த. செந்தில் குமார்** பயிற்சியைத் தொடங்கி வைத்துப் பேசினார். மாணவர்கள் ஆசிரியர்களுக்கு உந்து



சக்தியாக திகழ வேண்டும். இன்றைய மாணவர்கள் நாட்டுப்பற்று மிக்கவர்களாக உருவாக வேண்டும். என்று கூறி, அதன் அவசியத்தை வலியுறுத்தி அவர் பேசினார். கல்லூரித் துணை முதல்வர்கள் டி.இ.பெனட், எஸ்.அகிலாஜி தேர்வு நெறியாளர் டி.ரவிச்சந்திரன், கலைப்புல முதன்மையர் து.ஸ்ரீதர், தமிழ்த்துறை உதவிப் பேராசிரியர் சா.நீலகண்டன் உள்ளிட்டோர் பயிற்சியில் பங்கேற்றனர். முன்னதாக கல்லூரியின் அகநிலைத் தர மேம்பாட்டுப் பிரிவு ஒருங்கிணைப்பாளர் எஸ்.முகமது ஜாபீர் வரவேற்றார். உடற்கல்வித் துறை இயக்குநர் பிரசன்ன பாலாஜி நன்றி கூறினார்.

Unakkul Oru IAS

Our College conducted a Motivational Programme on Friday, 9th August 2019. Mr. R. Gunaseelan, Branch Manager, King Makers IAS Academy, Trichy, introduced the Chief Guest. **Mrs.Vijetha Dhinakaran IPS** gave a passionate talk on the topic "Unakkul Oru IAS." In her speech, she explained, "Prelims is the very dynamic and very fluid part of Civil Service Examination". She shared her success story and motivated the students to achieve success in Civil service exam by giving valuable tips like solving the previous year question papers, analyzing the pattern of the exam,

understanding the nature of questions asked, reading and revising basic books like NCERT publications and reading them at least thrice before the exam. She advised them to read the newspapers and magazines to enrich their knowledge of current affairs which is instrumental for success



in prelims. She also insisted that the Revision was the most important part of the preparation. She said, "The students need to prepare at least 3 months for the prelims exams seriously. Solving Test papers are crucial to break the inertia and to make our fears go away. The students have to solve at least 40-45 test papers of reputed institutes and to take Civil Services Aptitude Test (CSAT) seriously". She also explained that the performance and results of the main exam would ultimately decide the Rank, Service and Cadre. "The Main exam consists of General studies Paper 1, Paper 2, Paper 3 and Paper 4 and Optional Paper 1 and Paper 2 which will carry a total mark of 1750. The last part of the IAS exams is the Personal Interview. Generic skills are very important and the students need to develop them in order to attract the interviewer", she added. The students should start early, know themselves, develop a positive attitude and self confidence, and improve their communication skills to get through the personal interview. Her speech motivated the students and it was an eye opener to all the Civil Service aspirants.

தேசியக் கல்லூரி நடத்திய தலைமை பண்புகளை வளர்க்கும் நிகழ்ச்சி

16.9.19 அன்று திருச்சி தேசியக் கல்லூரி மற்றும் நானி பால்கிவாலா பவுண்டேஷன் இணைந்து கல்லூரி மாணவர்களுக்கான தலைமைப் பண்புகளை வளர்க்கும் நிகழ்ச்சியை இரண்டு நாள் முகாமாக நடத்தினர். துவக்க விழா சிறப்பு விருந்தினராக **சென்னை உயர்நீதி மன்றத்தின் ஓய்வு பெற்ற நீதியரசர் அக்பர் அலி** கலந்து கொண்டு சிறப்பித்தார். அவர் பேசும் போது, மாணவர்கள் இன்றைய சூழலில் சந்திக்கும் சவால்கள் அதிகம் என்றும், அவர்களுடைய கவனத்தை திசை திருப்பும் வண்ணம் கவனச்சிதறல்கள் உள்ளன என்று அறிவுறுத்தினார். மேலும் அவர் மாணவர்கள் தங்கள் தலைமைப் பண்புகளை வளர்த்துக் கொள்ள தங்களால் ஆன முயற்சிகளை மேற்கொள்ள வேண்டும் என்று இது போன்ற சிறப்பு முகாம் மற்றும் பட்டறைகளை பயன்படுத்திக் கொள்ள வேண்டும். முன்னாள் குடியரசு தலைவர் அப்துல்கலாமின் வார்த்தைகளை நினைவில்



கொண்டு வாழ்வில் முன்னேறுவதற்கான அனைத்து முயற்சிகளையும் மேற்கொள்ள வேண்டும் என்றார். பல்வேறு கல்லூரிகளை சேர்ந்த 60 மாணவர்கள் இந்த முகாமில் கலந்து கொண்டு பயனடைந்தனர்.

COMPETITIONS

Brahmastra

Brahmastra-An Intra Departmental competition was organized and conducted by the Department of Business Administration on the 30th of September 2019. Dr R.Sundararaman, Principal, in his presidential address, encouraged the students' participation in such competitions which would help them develop their personality and confidence. **Mrs.Saral HOD, Department of Bharathanatiyam, Kalai Kaviri College of Fine Arts, Tiruchirappallai** spoke about the arts that are to be practiced in our day to day life. She motivated the students by



her inspirational speech. She quoted the words of Dr.A.P.J.Abdul Kalam and Steve Jobs in her speech. She made the students understand the importance of handling any situation in life without anger. She told the students to choose an art and practice it regularly in order to perform better in their daily activities. Medals and certificates were distributed to the winners and runners of the events. Finally the Overall Championship Trophy was handed over to the students of III-BBA 'A' of Department of Business Administration.

Intra Department Events

An "Intra Department Events" was conducted by the Postgraduate and Research Department of Computer Science on 19th September 2019. Dr.P.S.S Akilashri, Vice Principal,

told the audience that the purpose of that competition was to gain knowledge and every minute should be utilized to sustain the endeavour. She added that "the students can improve their skills, ideas, views and thoughts related to various aspects of Information Technology through such kinds of competitions." Various competitions like Technical Quiz, Paper Presentation, Just- in-Time, Multimedia, Debugging, Ad-Zap and Dumb- Charades were conducted. More than 100 students participated. The III year students emerged as the winners of the events. The II year students finished as runners up of the events and the Consolation prize was given to I year students of Computer Application & Computer Science department.

Dr.I.Julie, Principal, Periyar EVR College, Trichy was the Chief Guest of the function. In her keynote address, she motivated the students to participate in various



technical competitions which would help them to succeed in their career. She said, "Participation in such competitions will increase the confidence level of the students to face their interviews. The ultimate victory in competition is derived from the inner satisfaction of knowing that you have done your best." She also asserted that these competitions would help the students to develop awareness, sensitivity and understanding of the self and the people around them. "Also, they help the students to explore themselves and experience the joy of learning, stand-up to peer pressure and take decisions with courage," she said. Dr.I.Julie, Principal, Periyar EVR College, Dr.V.Nandagopalan, Associate Professor, Department of Botany and Dr.P.S.S.Akilashri, Vice-principal distributed the prizes to the winners.

Inter-Departmental Competitions

The Department of English conducted various Competitions on 01.10.2019 on the occasion of Navarathri. Competitions like Rangoli, Cooking without fire, Connection, Singing, Mime and Dance were conducted. It was an Inter-departmental competition and more than 200 students from all departments participated in the events. Among them Students from the Department of Mathematics, Physics, English, Commerce and Bio-Technology won the prizes. Cash prizes were distributed to the winners by our secretary Shri. K. Ragunathan in the presence of our Principal. Dr. R. Sundararaman on 05.10.2019.

National College Patent report

A patent has been granted by the Government of India to the research group comprising Dr.A.T. Ravichandran (Controller of Examinations and Associate Professor of Physics of our College), Dr.Srinivas Mantha, Dr.Dhanabalan, Dr.Vasuhi and Dr.Chandramohan for an invention entitled "Morphology, Bandgap And Grain Size Tailoring In Cu₂O Thin Film By Modified Chemical Bath Deposition Technique And Methods Employed Thereof" for a period of 20 years. Thin film is a layer of material ranging from fractions of a nanometer to several micrometers in thickness. The controlled synthesis of materials as thin films is a fundamental step in many applications. A familiar example is the household mirror, which typically has a thin metal coating on the back of a sheet of glass to form a reflective interface.

Modified chemical bath deposition technique has different parameters like pH, Temperature of Precursor, Temperature of stabilizer, number of dipping cycles, bath conditions like stirring during deposition, ambient conditions like inert atmosphere, wait time, post heat treatment requirement and the ambient required for post heat treatment and above all the concentration of precursor. Thin film finds wide range of application in solar cells, sensors, decorative coatings, optical coatings, protective coatings, electrically operating coatings, thin-film batteries, organic LED and many other fields.

The research group is happy about the recognition given by the Government of India by awarding this Patent and they are planning to extend their research findings towards new and cost effective device fabrication.

Sanskrit Day

The International Sanskrit Day was celebrated in our College on 21ST August 2019, in association with Bharatiya Vidya Bhavan, Tiruchirapalli Chapter and Samskrita Bharati, Tiruchirapalli. **Dr N. Ramasubramanian, Professor, Department of Computer Science and Engineering, National Institute of Tehchnology, Tiruchirapalli**, was the Chief Guest. **Shri T. S. Rangarajan, State Vice-President Samskrita Bharati** delivered the key-note address.



Dr N. Ramasubramanian spoke on the importance of Learning Sanskrit by all. He said that Sanskrit was going to be the input natural language for the computers in the coming years and it was going to be mandatory for everyone to learn Sanskrit. He said that its pronunciation keeps one vigilant and cultivates sound memory. In most of the western countries and in Japan, they have created computers where oral instructions are the interface. Natural Languages like Sanskrit are to become suitable for Computers, when the artificial languages would become obsolete.

Shri T.S. Rangarajan spoke on the importance of Sanskrit as a character building tool. "It is rich in moral literature and dharmasastras are given in the form of epics, puranas, tales and fables. These various forms of literature in Sanskrit are readily creating a virtuous world. And without ethics, culture, heritage and language, no civilization can survive," he added.

Shri Hari Shankar spoke on the activities of Samskrita Bharati and its role in teaching spoken Sanskrit, thus popularizing Sanskrit as an easy-to-learn language, breaking the opinion that Sanskrit is tough.

Shri J.T. Chari, Coordinator of Bharatiya Vidya Bhavan, underlined their activities in Tiruchirapalli and desired that more such programmes among the youth would create awareness of the rich cultural heritage of India.

Dr R. Sundararaman, Principal, in his felicitations, felt the need for popularizing Sanskrit among the students, as a Language and a vehicle of Culture. He highlighted the activities of the College, following the tradition and culture of our nation. A Gurukulam named Sri Sarguneswarar Vedha Padasala, teaching Shukla Yajurveda, is run by the college, under the auspices of Dr R. Kalamegham Centre for Studies on Indian Culture and Heritage. There was a teaching demonstration of Sanskrit as a Spoken Language in which all those assembled took part.

Visit of H.H. Shri Sankara Vijayendra Sarasvati

H.H. Shri Sankara Vijayendra Sarasvati, Peethadhipadhi of Kanchi Kamakoti Peetham, visited the Sri Sarguneswarar Vedha Padasala, situated inside our campus, on the evening of 29th October 2019. Our esteemed Secretary Shri K. Raghunathan welcomed him and led him to the Padasala campus. Dr. R. Sundararaman, our Principal, accompanied by Vedic scholars and disciples of the padasala offered Poornakumbham to the dignitary. The Acharya, in spite of his busy schedule, stayed here for more than 30 minutes and enquired about the conduct of the Padasala. The pupils of the Padasala recited Vedic passages to the appreciation of the Acharya.

Pattinapravesam

A grand welcome with Poornakumbham was accorded to H.H. the Acharya, while entering the city (Pattinapravesam) at the gate of our College, on 9th November 2019. Our Principal Dr. R. Sundararaman

welcomed him, amidst the recitation of Vedic passages by the pupils of the padasala and other Vedic Scholars of the Kanchi Kamakoti Peetham. The Adhyapak of the Padasala Shri Navnath Bapurao Joshi was also present.

தேசியக் கல்லூரி நாட்டு நலப்பணித்திட்டம் மற்றும் திருச்சி லயன்ஸ் கிளப் சார்பில் இரத்த தான முகாம்

தானங்களிலேயே சிறந்த தானம் இரத்த தானம். ஒருவர் விபத்தில் அடிபட்டாலோ உடனடியாக தேவைப்படுவது இந்த இரத்த தானம். அப்பேற்பட்ட இரத்த தானத்தை திருச்சி தேசியக்கல்லூரியின் நாட்டு நலப்பணித் திட்டம் மற்றும்



லயன்ஸ் கிளப் ஆகியோர் இணைந்து முகாமை ஒருங்கிணைத்து 09-09-2019 அன்று நடத்தினர். முகாமினை தேசியக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் அவர்கள் தொடங்கி வைத்து இரத்த தானத்தைப் பற்றி சிறப்புரை ஆற்றினார். அதனைத்தொடர்ந்து லயன்ஸ் கிளப் தலைவர் லயன் பிரபுகுமார் அவர்கள் சிறப்புரையாற்றினார். அதனைத் தொடர்ந்து 150க்கு மேற்பட்ட மாணவர்கள் கலந்து கொண்டு இரத்த தானம் செய்தனர். இரத்தம் கொடுத்த மாணவர்களுக்கு பழங்கள் பழச்சாறு மற்றும் சான்றிதழ்கள் வழங்கப்பட்டன.

அக்குபங்சர் வார விழா

15.08.2019-21.08.2019 அக்குபங்சர் வாரம் கொண்டாடப்படுவதை ஒட்டி 20.08.2019 அன்று சிறப்பு கூட்டம் ஒன்று தேசியக்கல்லூரி நாட்டுநலப்பணி திட்ட அலகுகள் சார்பில் நடத்தப்பட்டது. **அக்கு ஹீலர் திருமதி தனலெட்சுமி** அவர்கள் சிறப்பு விருந்தினராக பங்கு கொண்டார். தன்னுடைய சிறப்புரையில் அவர் மாணவர்களிடையே உரையாற்றுகையில் மனித உடலின் இயற்கையான தன்மையினைக் குறித்தும் அது திறம்பட செயல்பட நாம் செய்ய வேண்டியது பற்றியும் எடுத்துரைத்தார். மேலும்



அலோபதி மருத்துவத்தை விட அக்குபங்சர் மற்றும் மருந்தில்லா மருத்துவம் எவ்விதம் தனித்தன்மை வாய்ந்தது என்பதையும் விளக்கிக் கூறினார். மாணவர்கள் தங்களின் சந்தேகங்களை கேட்டு தெளிவு பெற்றனர்.

World Breast Feeding Week

The NSS Units of our College in association with EKAM foundation, Chennai held a meeting to stress the importance of Breast feeding on 01.08.2019. **Dr. Senthil Kumar, Neonatal Specialist, Mahatma Gandhi Government Hospital, Tiruchirappalli** addressed the students and gave a detailed speech on the importance of Mothers milk and breast feeding. Short videos explaining the postures of breast feeding, food for feeding mothers and videos featuring the importance of breast feeding were



screened during the occasion. Dr. V. Srividhya, Programme Officer of Unit II, Dr. B. Sekar, Programme Officer of Unit I and Dr. S. Karuthan of Unit III coordinated the programme.

தேசியக் கல்லூரியில் மேஜிக்ஷோ

நமது கல்லூரியின் சுயநிதிப்பிரிவு தமிழ்த்துறை சார்பில் 12-9-19 அன்று மேஜிக்ஷோ நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் ஆர்.சுந்தர்ராமன் தலைமை தாங்கி சிறப்புரையாற்றினார். இதில் கல்லூரி **மாணவர் அக்ஷை** மேஜிக்கை செய்து காட்டி மகிழ்வித்தார். கல்லூரி துணை முதல்வர் டாக்டர் அகிலாநீ, தமிழ்த்துறை உதவி பேராசிரியர் ஆர்.மாணிக்கவாசகம் ஆகியோர் கலந்து கொண்டனர்.



Industrial Visit

Students of III B.Sc., Zoology visited the Southern Regional Research Centre (SRRC) at Mannavanur, Kodaikannal on 29.8.2019. The SRRC was established in

1965 in sub-temperate region at Mannavanur in Tamilnadu. It has an area of 1346 acre. An elite Bharat Merino Sheep station is located here. The priorities of Institute is to undertake research, training and extension programme for improving meat and wool production of sheep and to develop processing technology of sheep products. The activities



currently going on are: Sheep genetic resource improvement, conservation and introgression of *Fec B* gene for enhancing mutton and wool production, Feed resource improvement and rehabilitation of common property resources, sloppy lands by establishment of agro-forestry, horti pasture, Identification of newer feed resources and their utilization in animal feeding, Biotechnological intervention for enhancing mutton and wool production, Aesthetic and durable carpet and blankets from indigenous wool and its blends, Improved quality Bharat Merino wool blended shawl, Natural colours on wool and specialty hair fibres, Value addition, product development and processing of meat, Skin processing and value addition, Sheep manure, vermi compost in agriculture farming, Marketing of live animal, wool and mutton, Fine wool production in temperate climate, Carpet wool production in northwestern region of the country. The students found the trip very informative and they gained a thorough understanding of sheep rearing using modern technology. Dr.V.Gokula, Dr. P.K.Ramasamy and Mrs.S.Vigneshwari accompanied the students.

The students of III B.Sc., Zoology visited the Indian Institute of Food Processing Technology (IIFPT), Tanjore on 16th September 2019 as a part of the DBT-Star College Programme. The students were introduced to various instruments used in the food processing technology by the



Staff members. They also demonstrated certain procedures involved in food processing using equipment like, Grain putting equipment, Spray drier, Soya cow plants, Humidity chamber, Onion stem cutter, Hydraulic press machine, mass juice maker, Screw type peeler, Storage tank etc. Students were also shown Rice testing lab, and other mobile food testing lab present on the campus. The students learned about the various food items processed at IIFPT and the successful entrepreneurs. K.Govindaraj and Dr. A.Janakiraman accompanied the students.

Wild Life Sanctuary Visit

The final year students of UG Zoology had an opportunity to explore various habitat types in Kodaikanal through a field tour. It was a three-day field trip (28-30 August 2019). The students visited the Botanical Garden and the Lake on the first day of the trip. Kodaikanal lake is an artificial, roughly star-shaped 45 ha (60 acres) lake built in 1863. It is Kodaikanal's most popular geographic landmark and tourist attraction. Rowboats and pedalos are provided by the Kodaikanal Boat Club for tourists. Besides, horses and bicycles can be hired beside the lake for short periods. The Bryant park was planned and built in 1908 by a forest officer



from Madurai, H.D. Bryant, and named after him. With 325 species of trees, shrubs, and cacti, the park is a rainbow of flowers during the peak season. A large section is dedicated to nearly 740 varieties of roses. There is an 1857 eucalyptus tree and a Bodhi tree which adds a religious significance to the park. Students also visited Kodaikanal Wildlife Sanctuary to study the fauna, flora and their habitats. Dry deciduous forest to moist deciduous forest habitats, plantations like pine and eucalyptus were visited.

Cancer awareness programme

Harshamitra Super Speciality Cancer Centre, Tiruchirappalli, in association with the National College Core Group and the Youth Red Cross Unit organised a cancer awareness programme for our college students on the 3rd October, 2019. **Dr. Govindaraju, Chief Doctor of Harshamitra Hospital**, was the resource person. In this informative programme, the students were given a complete picture of cancer causing agents and prevention with refinement in lifestyle.

Yoga Day

On the fifth International Yoga Day, the Research Department of Physical Education and Sports Sciences held the celebrations at the college Indoor Stadium on 26.6.2019. A good number of NCC Cadets, NSS volunteers and hostel students participated with great enthusiasm. Yoga Master Mr.Ramasamy guided the gathering as per the guidelines of Ministry of AYUSH and also listed the benefits of yoga for young people so that they make yoga a regular habit.



Cafeteria

Our college cafeteria moved to a spacious place on the 15th of July 2019 so that it could serve the increasing student population. Two of our students Mr. Bharadwaj and Ms. Arunachala Vaishnavi opened the new compact building for business by cutting the ribbon in the presence of our



college Secretary Shri. K. Raghunathan, Principal Dr.R. Sundararaman and other senior teachers. The eatery has a well furnished dining area catering to the taste buds of all and sundry. It has a separate vending desk for snacks and soft drinks. The cafeteria operator Mr. S.Mahendran welcomed the visitors with a hot cup of coffee and informed them it would be tasty business as usual right from morning till evening!

Core Group Activities

The Core Group has been formed with a definite intent to enhance students' knowledge and skills beyond the curriculum. The group's meetings have interdisciplinary orientation. The activities of the core group include educational excursions, workshops, practical training sessions and guest lecturers by scholars from within and outside the country. In the first programme, 'Study Abroad' Mr.Dinesh Kumar detailed the educational opportunities in foreign countries. Mrs.Sheela Josephine spoke on 'Cambridge Language Assessment' and Mr.John Alistair Cockburn on

'Career in New Zealand'. Mr.C.Sasikumar's talk on 'Intellectual Property Rights' led to a two-day workshop in which students were trained to initiate startups. In a session on 'Research Thinking,' Dr.Akbarsha Mohammed elucidated the methods of preparing research papers. The session on 'Earning and Marketing Online' conducted by Mr.Venugopal Ramachandran threw light on marketing through social media. The students were exposed to 'NGOs and Career Options' by Mrs.R.Indumathi.

On the 5th of September 2019, the Core Group students visited "Naveen's Garden" an animal rescue shelter and innovative farming unit located at Mavilipatty, Musiri. The students interacted with the volunteers in the garden and learned about miyawaki method in farming and animal husbandry. They learned about integrated farming and organic farming and the minimal use of technology. They enjoyed the lush greenery of the garden and the friendliness



of the animals at the shelter, which helped them understand ecological balance and land ethic. Many sessions related to the enhancement of English in daily life were also conducted, including the sessions on 'Common Phonetic Errors' by Prof.Dr.Sundar, 'Soft Skills for Career' by Dr.K.Alex and 'English for Emails and Letters' by Dr.Khrierezhunuo Dzuviachu. The activities of the Core Group for the Odd Semester concluded with an awareness programme on cancer conducted in association with Harshamithra Super Speciality Cancer Centre, Tiruchirapalli. The Core Group has conducted as many as 15 programmes during this semester all of which have been presented in detail in the Core group magazine 'Coreacle'. Dr.R.Vasanthan, Assistant Professor of English, is the Coordinator of the Core Group.

Maths Fun Club

The Department of Mathematics (un-aided) conducted Maths for Fun programme regularly in the odd semester. In all, the Department conducted 12 events on Tuesdays. The programme was intended to cultivate interest in the subject Maths and it was open to students from all the departments of our college. The subject makes use of a lot of cold logic and as such it is uninteresting to the students. The fun club makes the learning a pleasurable activity. Cash prizes were given to encourage the winners. Though students attended in small numbers, it was a worthwhile effort on the

part of the teachers. Prof. K.Srividhya coordinated the programme regularly.

Movie Club

Eleven movies were screened for the entertainment of our students at the Audio Visual Theatre in our college during the odd semester. The films of various genres were carefully chosen for their educational value as well. These films helped them to relax in the midst of their tight academic schedule. Films like *Baby's Day Out*, *Geo Storm*, *Thugs of Hindustan*, *Night at Museum* and *Three Idiots* were instant hit with our students mostly drawn from rural areas. Dr. Suresh Kumar, our librarian, coordinated the screening of films.

Computer Club

The Postgraduate & Research Department of Computer Science, National College, Trichy, conducted Computer Club meetings on Thursdays to develop the technical skills of the students and also to motivate them to take part in competitive events. The club activities of the Academic year (2019 -2020) started on 18.07.2019. Nearly "8" online quiz competitions were conducted in the odd semester and cash prizes were awarded. This online event trains the student to develop comprehension skill, analytical skill, time management skill and memory skill which will be of immense use in their career as well.

Saraswathi Pooja Celebrations



The Saraswathi pooja was celebrated at our indoor stadium on 8th October 2019. Hundreds of colourful dolls of different hues were on display. The students of the patasala performed poojas during the gala event. Our College Secretary, the Principal, Staff members and thousands of students attended and offered prayers to the Goddess of Learning. Similar Poojas were held in most of the departments and the traditional Sundal and Pori were distributed to students.

I UG First Day

On 17th June 2019, the Fresher's Day was celebrated to welcome the new comers and acclimatize them to the new



environs. The Principal Dr. R. Sundararaman advised the students to make use of the facilities and improve their knowledge and skills to secure a bright future.

Independence Day

The 73rd Independence Day was celebrated with patriotic fervour in our college. The National Flag was hoisted by Dr. P. Parimalasekar, Head of the Department of History, of our college. As the tricolour fluttered gloriously in the morning sun, all those assembled including the members of the teaching faculty, students, NCC officers and cadets and NSS volunteers stood to attention and saluted. In his Independence Day address, Dr. P. Parimalasekar spoke on the sacrifices made by freedom fighters.



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