



# News Bulletin National College



|AUTONOMOUS|

TIRUCHIRAPALLI, TAMIL NADU

## “ Faith in democracy more important than GDP ”

Padma Shri M.K Narayanan at the 100th College Day Celebrations

Former National Security Advisor and Governor of West Bengal, Padma Shri M.K Narayanan attributed the sustained development in India amid several challenges to its democracy and asked students to embrace and protect it. He addressed our College's 100th College day celebrations on Tuesday, 2nd April 2019. He abridged 100 years of India's history and the challenges that existed and currently exist in the country in his address.

He gave instances of how it was democratic efforts that have been effective and not violent movements that has maintained harmony in the nation and further strengthened democracy. He said, "More than GDP, it is faith in democracy which is important. It is our greatest gift, like our spiritual heritage". He said very few nations had kept up with their old heritage, but India was still adhering to the Vedas, Upanishads, teachings of Buddha and other spiritual leaders.

He said India's spiritual influence among others has reached the far corners of the world, even when the country was not as strong as it is now.

India is highly regarded not only for its political and economic strength but also for its democracy. Japan and China have also grown politically or economically but they cannot compare with India as a beacon for democracy, Narayanan said. But he also asked the students to acknowledge the threats to the nations security and otherwise. He said the issues in Kashmir, the North east, Naxalites, Chinese border issue, tussle with Pakistan and external forces seeking to revive the Sikh separatist movement were real threats. Fake news and misinformation were also great threats.

He asked students to be prepared for the advent of artificial intelligence, big data, robotics and other breakthrough technologies. "Students should expand their skills in this increasingly hybrid world (of technology and humans) as we enter Industry 4.0".

At the same time he asked for people to keep their eyes open for any negative influences there advancements may have for them and the nation.

He awarded Rs. Five Lakhs worth of prizes to 200 students. That included fourteen University rank medals, ninetyeight endowment prizes and awards to seven best teachers of the academic year 2018 - 2019.



“ The world looks at India as a developed nation and those still describing the country as developing were doing so with vested interest ”

Honourable E.S.L. Narasimhan, Governor of Andhra Pradesh and Telangana delivering the 9th Rajaji Endowment Lecture in our campus.





## From the Secretary's Desk



**Dear Reader,**

The even semester was eventful. We had a galaxy of eminent personalities in our campus. Padma Shri M.K. Narayanan, former Governor of West Bengal, Sri. E.S.L. Narasimhan, Governor of Andhra Pradesh and Telangana, Dr. R. Vaidyanathan, former Director, IIM, Bangalore, Dr. E. Balagurusamy, former Vice-Chancellor, Anna University, Chennai and many other visited our college and addressed our students this semester.

The highly successful three international conferences on Discrete Mathematics, Material Sciences and Renaissance in Sports were attended by many foreign delegates.

All the departments has arranged for interesting and informative lectures to benefit the students. Each day of the semester has a special programme.

The math fun club, the drama club, the computer club, all has become very popular among students. The academic year 2018-2019 had been a satisfying year on all counts.

My best wishes to all the Teachers, Non-teaching Staff and Students.

**SECRETARY**



## From the Office of the Principal

**Dear Reader,  
Hearty greetings.**

National College established by three teachers with futuristic vision had completed hundred years of noble service. The even semester of the 100th year was filled with many grand achievements, remarkable events and strident growth in infrastructure. The Management, Faculty and Students have contributed in ample measure towards the progress of the grand old institution. The five day International Congress on "Renaissance in Sports" organized by the Department of Physical Education in January 2019 was unique colossal and spectacular in every dimension. The participation of high profile delegates from across the globe, the charming daily cultural extravaganza and the contemporary relevance of the themes made the event outstanding. The glittering lighting of every inch of the campus and every branch of the trees brought about the ambience of a celestial event.

During the semester, the hallowed portals of National college was graced and honored by stalwarts. Padma Shri M. K. Narayanan, Former National Security Adviser and Former Governor of West Bengal, was the Chief Guest for the 100th College Day celebrations. Shri E.S.L. Narasimhan, Governor of Andhra Pradesh and Telangana delivered the Rajaji Memorial Endowment Lecture and Shri Vaiko, the eloquent politician and litterateur enthralled the audience by his torrential delivery of the Kalki Memorial Endowment Lecture. Dr. M. Krishnan, Vice-Chancellor of Madurai Kamaraj University delivered the Centenary Year Graduation Day address at an event organised with impeccable precision. The Department of Mathematics organized an International conference on Discrete Mathematics in collaboration with the prestigious Ramanujan Mathematical Society. The Department of Commerce and the Department of Physics organized international conferences on "Services Marketing" and "Recent Advances in Material Science" respectively.

Almost all the departments conducted national / state level seminars and a large number of meetings and other events in order to facilitate a better grasp of the latest developments in their respective spheres of knowledge. The grand cultural festival "NATURUS" organized under the joint auspices of National College and Urumu Dhanalakshmi College was the first of its kind and the events cast a magical spell on the audience.

I am particularly delighted to report that seven faculty members of our college have been presented the "Best Teacher Award" ( Punch Gurukulam Award) instituted by Idhayam Group of Companies. I earnestly solicit the support of all stake holders in taking our Institution to more dazzling summits.

**PRINCIPAL**



## Graduation Ceremony



A total of nine hundred and five candidates received their degrees and diplomas in the graduation ceremony that was held at our College on 24-03-2019 with the traditional solemnity. Shri. K. Raghunathan, Secretary of the College, welcomed the Chief Guest **Dr. M. Krishnan, Vice Chancellor, Madurai Kamarajar University, Madurai**, the new graduates and the gathering and declared the meeting open. Principal Dr. R. Sundararaman presented the academic report and invited the Chief Guest to deliver the convocation address and requested him to give away the degrees. Also he directed the Heads of the Departments to present their candidates.



The Chief Guest's Graduation day address was filled with exhortations, nuggets of wisdom and choice pieces advice for high thinking and living. He started his address by appreciating the management of the college, the principal and members of the faculty for making the college to stand tall among other colleges by fulfilling the requirements of NAAC, UGC and NIRF. Congratulating the graduates on their

successful completion of studies, he told them to respect their parents, teachers and God. "You could reach this position only because of their blessings", he said. He reminded the graduates that they had themselves, to develop their critical



thinking and to improve their sharpness of mind. He told the graduates to use all those developed faculties to find solutions to the problems plaguing our society. He expressed his concern saying, "Though we have 750 universities, 35000 colleges, 200 research institutes, no institution figures in the top world ranks. To make it possible, you new graduates have to create a new pathway to link your knowledge to the development of your societies and earn the respect of your neighbours and the states and nations afar." Quoting from Thiruvalluvar, he said "If you delve deep into the sand, you reach the springs below, the more you learn, the freer streams of knowledge flow from you." The Chief Guest told the new graduates to read a lot and acquire power to manage their life and be ready to face the challenges of tomorrow.





The eighteen faculty heads from arts, sciences and commerce presented their candidates and got the degrees conferred upon them. Among the 905 candidates (75 M.Phils, 156 PGs and 674 UGs) who received their degrees, there were 11 PG University rank holders and 13 UG University rank holders. It was a moment of great pride and joy for Mr. B. Vaishnav who secured University First Rank in B.Sc., Physics and Mr. M. Muthukrishnan who secured University Second rank in B.Sc., Physical Education. Prof. K. Sivakumar, Head, Department of Geology, presented the names of 67 candidates who received their degrees "In Absentia". The Principal Dr. R. Sundararaman administered the oath to the students and declared them graduates thereafter. Finally, the Principal dissolved the graduation ceremony.

### 100<sup>th</sup> College Day

Our College celebrated its 100<sup>th</sup> college day on 02-04-2019. The college continues to serve the educationally, economically and socially needy communities in and around Tiruchirappalli since 1919. **Shri. M.K. Narayanan, former National Security Advisor and former Governor of West Bengal** was the Chief Guest. Shri K. Raghunathan, the secretary of the College, welcomed the gathering. In his welcome speech, he expressed the view that he was blessed by god doubly - firstly he was the secretary of a one hundred year old institution and secondly for being the secretary of the college during the centenary year. He traced the growth of the college and the milestones in its long history. He also shared the changes happening in the college campus in recent times. Dr. R. Sundararaman, the Principal presented the annual report of the academic year 2018-2019. He listed out the achievements of the staff and the students and the

overall progress of the college. The Chief Guest Shri. M.K. Narayanan, delivered the College day address and distributed prizes to the winners and achievers. The management honoured the retiring staff members with silver coins



specially designed for the centenary year. Six teachers were honoured by the Chief Guest for their 100 % attendance during the last calendar year. Punch gurukulam Endowment award, instituted by Idayam Group of companies, in the name of Prof. Pachanathan, Professor of English, was given to seven best teachers for their all round contribution to the development of the college. There were fourteen Silver medals for University top rank holders, out of which one went to University first rank awardee in B.Sc. (Physics). There were ninety eight endowment prizes, including twenty five cash prizes, three silver medals, one gold coin - more than two hundred students from all the departments were given prizes for their proficiency in their subjects. Totally, rupees five Lakh worth of prizes were distributed to the students. Dr. A.T. Ravichandran, the Vice Principal of the college proposed a vote of thanks. Dr. Manju Ajil, Assistant Professor of Maths, compered the programme.



# 100<sup>th</sup> Sports Day



The Centenary Sports Day was celebrated on the 28th of February, 2019 at the College Ground. The events started with a spectacular march-past by students from various Departments of our college. **Mr. Raman Vijayan, former Football star of India** was the Chief Guest. He spoke to the students on the assured future for the talented sportsmen and women of our country, mentioning a few incidents from his own life.





Rajaji Memorial Endowment Lecture Series IX



Rajaji Memorial Endowment Lecture Series IX, an annual feature of our College, was held on the 4<sup>th</sup> of March 2019. The Chief Guest **Shri. E.S.I. Narasimhan, Honourable Governor of Andhra Pradesh and Telangana**, spoke on the topic "Challenges Ahead". He told the audience that the country had to take care of its food security, energy security and external security. Taking questions from the audience he said it was possible to create an affluent society. He told the students to be optimistic and never to give up hope.

The Governor said all Indians should exercise their voting right, and then only as responsible citizens they could put forth demands to the government. Speaking about the challenges one would face today in the field of economy, Narasimhan said that simply increasing the minimum support price for paddy every year would do little good. With the land area decreasing and the population increasing, he called for optimized farming and wondered if a second green revolution should be necessary to achieve it. Narasimhan also spoke about food security and associated issues. He noted with pride that the country was rich in human resources, culture and heritage. He spoke about how temples used to be community centers with solution for many problems, apart from doubling as granaries and centers of knowledge. He said that education was given utmost importance in days of yore and in the gurukulam system of education teachers and students were like a family. "The disconnect with the past needs to be fixed so that we have a better future," he added. Finally, the Governor said one should feel proud to be an Indian and confront "discourses that seek to taint

nationalism." Shri. K. Raghunathan, Secretary of the College, welcomed the gathering and honoured the chief guest with a memento and a shawl. In his welcome address, he recollected the relationship between Rajaji and the college and requested the student participants to mould themselves into future leaders, taking inspiration from the life of a leader like Rajaji. Dr. R. Sundararaman, Principal, proposed a vote of thanks. The presence of the Honourable Governor will be written in red letters in the reports of centenary celebrations and the history of the college. The very presence of five hundred students and many invited guests and luminaries from the city turned the lecture into a memorable and grand event.

**Dr. V.Krishnamurthy Endowment Lecture III**

The Postgraduate & Research Department of Computer Science conducted PadmaVibhushan Dr.V.Krishnamurthy Endowment Lecture-III on 08-04- 2019. Dr.R.Sundararaman, Principal of the College, delivered the Welcome Address. Thiru.K.Raghunathan, Secretary of the College honored the Chief Guest. **Dr. E.Balagurusamy, Chairman, EBG Foundation, Coimbatore**, delivered the Endowment Lecture on the topic "Making India a Global Superpower Key Issues". In his speech, he covered a wide range of issues and possibilities that would go into making India a Global Superpower. He mentioned, "A Superpower nation is a country that has the capacity to project its dominating power and spread its influence anywhere in the world. India is a country of opportunities and challenges.





It has rich heritage and culture, abundant natural resources, excellent scientific and technical manpower, nuclear-power, vibrant democracy, spiritual and religious leaders, largest educational system in the world and a good number of billionaires. However, compared to other countries, India's achievement indicators are lacking in Human Development Index, Gross National Happiness Index and Global Health index. During the last seven decades, the Government has initiated and implemented numerous social welfare measures, poverty alleviation schemes, urban and rural development projects to address the issues namely the increasing population, uncontrolled pollution, poverty, illiteracy, shrinking water and energy resources, threatening climate changes, terrorism and violence. To begin with the nation needs to improve its governance, enhance its educational achievements, enlarge the healthcare system, increase agricultural production, boost the productivity of its workforce and increase global trade", he added.

He said, "the progress of the country depends on the implementation of fundamental principles of good governance like objectivity, transparency, responsiveness and accountability. In particular, technical development refers to the progress of invention and innovation of technology. He concluded his lecture by stating that the above challenges could be overcome by eliminating corruption in all the sectors for which the younger generation ought to be imparted moral values and encouraged to develop creativity and innovative skills so that India would emerge as a Global Superpower in the not so distant future". Dr.P.S.S.Akilashri, Vice-Principal (UAP) & Head of the Department of Computer Science delivered the formal vote of thanks.

#### முனைவர் ந. சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரியின் மேனாள் முதல்வர் முனைவர் ந.சேஷாத்திரி பெயரில் அமைந்த அறக்கட்டளைச் சொற்பொழிவு 18-02-2019 அன்று நடைபெற்றது. நிகழ்ச்சியில் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் தலைமையுரையாற்றி, அறக்கட்டளையின் நோக்கத்தை விளக்கினார். 'உயர உயர்' என்னும் தலைப்பில், **சொல்லின் செல்வர் பி. மணிகண்டன் சென்னை**, சொற்பொழிவு நிகழ்த்தினார். இவர் நமது கல்லூரியில் தமிழிலக்கியம் பயின்ற முன்னாள் மாணவர் ஆவார். தாம் படித்த காலத்தில் பல்வேறு பேச்சுப்போட்டிகளில் பங்கேற்கச் சென்றபோது கருத்தும் ஊக்கமும் கொடுத்ததுடன் செலவிற்குப் பணமும் கொடுத்துப்



பெற்றோர்களுக்கு மேலாகப் பேராசிரியர்கள் ஊக்கப்படுத்தியதைக் குறிப்பிட்டார். இன்று ஒரு நாடறிந்த பேச்சாளராகப் பல தொலைக்காட்சிகளிலும், பல நாடுகளிலும் சென்று பேசுவதற்குத் தேசியக்கல்லூரியில் பயின்ற தமிழும் பேராசிரியர்களால் ஊட்டப்பட்ட சமூக உணர்வுமே காரணங்கள் என்றார். வாழ்வில் உயர்ந்த இடத்திற்குச் செல்ல,



தொடர்ச்சியாகப் படிப்பதும், ஆசிரியர்களை, பெற்றோர்களை மதிப்பதும் இன்றியமையாதவை என்றார். முன்னதாகத் தமிழாய்வுத்துறைத் தலைவர் மற்றும் கலைப்புல முதன்மையர் முனைவர் ச. ஈஸ்வரன் அனைவரையும் வரவேற்க, அறக்கட்டளை ஒருங்கிணைப்பாளர் முனைவர் ந. மாணிக்கம் நன்றியுரையாற்றினார்.

### கல்கி அறக்கட்டளைச் சொற்பொழிவு

28-01-2019 அன்று நமது கல்லூரியில் நூற்றாண்டு விழாவின் ஒரு பகுதியாக கல்கி அறக்கட்டளை விழா சிறப்பாகக் கொண்டாடப்பட்டது. கல்லூரி முதல்வர் முனைவர் இரா சுந்தரராமன் தலைமை தாங்கினார். கல்லூரிச் செயலர் திருமிகு கா.ரகுநாதன் அவர்கள் முன்னிலை வகித்தார். தமிழ்த் துறைத் தலைவர் முனைவர் ச.ஈஸ்வரன் அவர்கள் வரவேற்புரை வழங்கினார்.

மேனாள் பாராளுமன்ற உறுப்பினர் திரு வை.கோ அவர்கள் சிறப்பு விருந்தினராகக் கலந்து கொண்டு “கல்கியின் படைப்புகள்” என்ற பொருளில் சிறப்புரையாற்றினார். தான் சிறு வயதில் இருந்தபோதே கல்கியின் படைப்புகளை வாசிக்கத் தொடங்கியதாகவும் அவரது படைப்புகள் தம்மை பிரம்மிக்க வைப்பதாகவும் கூறினார். குறிப்பாக பொன்னியின் செல்வன் நாவலில் இடம் பெறும் வந்தியத்தேவன் கதாபாத்திரம் இன்றும் தம்முடைய மனதில் நீங்காத இடம் பிடித்திருப்பதாகவும் சோழர்கள் தமிழ்ச் சமுதாயத்திற்கு செய்திருக்கிற



பங்களிப்புகளின் கருவூலமாகவே பொன்னியின் செல்வன் விளங்குவதாகவும் குறிப்பிட்டார். சிவகாமியின் சபதம் தமிழர்களின் வீரத்திற்கும் பண்பாட்டுப் பாரம்பரியத்திற்கும் எந்த கால கட்டத்திற்கும் பொருந்தக் கூடிய தத்துவங்களை விளக்குவதை கண் முன் காட்சியாக நிறுத்தும் வண்ணம் உணர்வுபூர்வமாகப் பேசினார். மேலும் கள்வனின் காதலி, பார்த்திபன் கனவு, அலை ஓசை முதலிய கல்கியின் படைப்புகள் குறித்தும் பல்வேறு சிந்தனைகளை மாணவர் மனம் கவரும் வண்ணம் சிறப்பாக உரையாற்றினார். நிறைவாக முனைவர் ச.கருத்தான் நன்றியுரை நல்கினார்.

### Dr.C.Rangarajan Endowment Lecture VI

Padma Vibhushan Dr.C.Rangarajan Endowment lecture VI was held on 5-04-2019. **Dr.R.Vaidyanathan, Social Activist & Philanthropist, Professor of Finance and Control, IIM, Bangalore** delivered a lecture on "Global Economic Crisis and Implications for India". He explained the reasons for the gradual decline in household

savings in developed nations like US, UK, etc., Families have been nationalized and businesses have been privatized”, he said. He dwelt at length on the current situation in



developing countries like India, China, Brazil and in developed countries. He compared the economic activities of these countries to explain that the developing countries are performing better than the developed countries in the world economy. The College Principal Dr. R. Sundararaman welcomed the gathering. The College Secretary and the Director of Studies graced the occasion. Dr. K. Kumar, the Convenor of the meeting delivered the formal vote of thanks.

### Principal Saranthan Memorial Endowment Lecture VIII

**Dr. K.Ganesh, Associate Professor and Head of the Department of English, Madras Christian College, Tambaram**, was invited to deliver the “Principal Saranthan Memorial Endowment Lecture VIII” on the 11<sup>th</sup> of February 2019. He spoke on the topic “Primal Discourses: A Talk on Indigenous Literatures.” His talk was focused on the forgotten literatures and histories of the indigenous people. He termed



the natives as story tellers and knowledge keepers who for a long time in the history of the humankind articulated lived truths and imagined possibilities. He pointed out that at some point in time a collective aphasia had set in and we all forgot their contribution to the world of oral literature or memorial literature. “Variously termed as the ‘Fourth World Literature’, ‘Tribal Aesthetics’ and ‘First Nation Narratives’, the indigenous literature is full of everyday and situated practices which are nothing but dynamic epistemologies”, he observed. He said, “For the indigenous people memories are important



and their stories are rich in imagination which dissolves spatial order and temporal sequence". He also claimed that the tribal stories were mindful stories and by and large responsive and not reactive. Giving the example of Wayanadan Ramayanam, he told the audience that the tribal people continued to create a palimpsest. Dr. K. Ganesh ended his talk with the assertion that the indigenous literature is "a repository of socio-political cultural memories." Earlier, the Principal Dr. R. Sundararaman welcomed the gathering and recollected the contribution of Principal Saranathan to the growth of the College as its Principal for twenty six long years. Later, Dr.D.E.Benet, Associate Professor of English and coordinator of the programme proposed a formal vote of thanks.

### Diamond Jubilee Endowment Lecture

The Diamond Jubilee Endowment Lecture of the Physics Department was held on 15-02-2019. **Prof. K.Thyagarajan, an outstanding scientist and project director of ISRO (Retd.) and currently advisor to Axiom Labs, Bangalore**, was the Chief Guest. He spoke on "Satellite Communication." In his special lecture, he spoke on the importance of quality research work and the methods adopted in achieving it. He was all praise for the Instrumentation Facility available in the college. He was quiet optimistic about the research facility in the college. He praised and encouraged the youngsters to take up research as it would be all inclusive to do research in basic sciences. In



his address, he touched upon various types of communication; of these, he noted with pride the importance of satellite communication. He foresaw tremendous growth potential for India's mobile communication system.

Dr. R. Sundararaman, Principal, presided over the function. In his presidential address, he stated how satellite communication system assisted mobile communication and had provided international connectivity. His speech was interspersed with examples of affordable and niche communication available for our day-today life. Earlier Dr. S.Pari, the Head, Department of Physics welcomed the gathering. Secretary Shri. K.Ragunathan honoured the Chief Guest. Dr. B.S.Srikanth, the organizer of the lecture, proposed a vote of thanks.

### முனைவர் கு. இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரியின் மேளாள் தமிழ்த்துறைத்தலைவர் முனைவர் கு. இராசரத்தினம் பெயரில் அமைந்த அறக்கட்டளைச் சொற்பொழிவு 13-02-2019 அன்று நடைபெற்றது. நிகழ்ச்சியில் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் தலைமையுரையாற்றி, அறக்கட்டளையின் நோக்கத்தை விளக்கினார். 'கொள்கைப்பெயரா வீறுகவியரசர்' என்னும் தலைப்பில், **கவிஞர் முடியரசனின் மகனும், காரைக்குடி எழுத்தாளருமான திருமிகு பாரிமுடியரசன்** பொழிவு நிகழ்த்தினார். அவர் பேசும்போது, தமிழ்மொழியின்



சீரமை குறித்து விளக்கினார். தமிழ்க் கவிதை உலகில் முடியரசனின் பங்கு குறித்தும், அவரது திடமான கொள்கைபிடிப்புக் குறித்தும் எடுத்துரைத்தார். முடியரசன், தான் சாதிமறுப்புத் திருமணத்தைச் செய்துகொண்டதுடன் தன் பிள்ளைகள் அனைவருக்கும் சாதிமறுப்புத் திருமணங்களையே செய்து வைத்த செயல்வீரர் என்பதைச் சுட்டிக்காட்டினார். சாதி கலப்பை வலியுறுத்திய முடியரசன் மொழித் தூய்மையை உயிர்ப்புச்செனக் கொண்டதையும் குறிப்பிட்டார். இன்று தமிழர்கள் தம் இன அடையாளங்களை மறந்து பெயர்கூட்டுதல், முன்னெழுத்திடுதல், கையெழுத்திடுதல் போன்றவற்றுள் பிறமொழி நாட்டத்தில் இருப்பது குறித்து மிகவும் வருத்தம் தெரிவித்தார்.

முன்னதாகத் தமிழாய்வுத்துறைத் தலைவர் மற்றும் கலைப்புல முதன்மையர் முனைவர் ச. ஈஸ்வரன் அனைவரையும் வரவேற்க, அறக்கட்டளை ஒருங்கிணைப்பாளர் முனைவர் இரா. இரவிச்சந்திரன் நன்றியுரை ஆற்றினார். நிகழ்ச்சியில் கல்லூரியின் துணைமுதல்வர் முனைவர் A.T. இரவிச்சந்திரன், அறிவியல்புல முதன்மையர் முனைவர் மு. விவேகானந்தன், தமிழாய்வுத்துறையின் இணைப்பேராசிரியர் முனைவர் ந. மாணிக்கம் மற்றும் பல்துறைப் பேராசிரியர்கள், ஆய்வாளர்கள், மாணவர்கள் பெருந்திரளாகக் கலந்துகொண்டனர். இந்நிகழ்ச்சியைத் தமிழாய்வுத்துறை உதவிப்பேராசிரியர் க. புவனேஸ்வரி தொகுத்து வழங்கினார்.

### Conferences/seminars/workshops

#### International conference on Discrete Mathematics

International Conference on Discrete Mathematics (ICDM VI-2018) organized by the Postgraduate and Research Department of Mathematics from the 14<sup>th</sup> to the 17<sup>th</sup> of December 2018 heralded the Centenary year celebrations of



our College. The aim of this conference is to invite young researchers in Discrete Mathematics (DM) from all over India and help them get an exposure to the current trends in Discrete Mathematics and make them feel as to what Discrete Mathematics in the higher plane is all about. This four day international conference was inaugurated by **Prof. Joel Spencer, Courant Institute of Mathematical Sciences, New York, U.S.A**, on 14<sup>th</sup> December. He spoke about the development of India in various fields and different phases of



development in the area of Discrete Mathematics in India. Dr.R.Sundararaman, Principal, welcomed the gathering and **Prof. R.Balakrishnan, Adjunct Professor of Mathematics, Bharathidasan University, Trichy, Prof.C.E.Veni Madhavan, Department of Computer Science and Automation, IISc, Bengaluru**, explained the purpose behind holding such a conference of this kind and



also gave a detailed explanation about the conference proceedings that would follow. Secretary of our College, Shri.K.Raghunathan honoured the Chief Guest **Prof. Joel Spencer**. Dr.D.Muthuramakrishnan, Head of the Department of Mathematics/Organizing Secretary proposed a vote of thanks. The programme was followed by plenary talks by the most eminent speakers from all parts of the world. They spoke on various topics on Discrete Mathematics: Professor **Gyula O.H.Katona** chose to talk on Domination Number of Graph, **Professor Prahladh Harsha's** exposition was on Boolean Function, **Professor N.Narayanan** elucidated Algebraic Invariants, **Professor Gabriel Semanisin's** talk centred on Vertex Cover Problem, **Professor Bostjan Bresar** expounded on Packing Chromatic Number,



**Professor Joel Spencer** expanded on the subject Random Gems, **Professor Sasmita Barik** made plain Multi Di-Graphs, **Professor H.S. Ramane** explained Seidel Energy of graphs, **Professor G.Indulal** illustrated with examples The distance spectra of some families of Graphs, **Professor Prasad Tetali** enlightened the audience on the subject of



Discrete Curvature, **Professor Jaikumar Radhakrishnan** described De-Coding, **Professor Ton Kloks** put in plain words Coloring, **Professor K.Kannan** spelt out Hankel Matrix, **Professor Arvind Ayer** explicated Quadratic Forms, **Professor Tao-Ming Wang** explained Anti magic vertex Coloring and **Professor Xuding Zhu** explained Coloring of signed planar Graph. In addition, 14 papers were presented by the participants and more than 80 members participated



in the conference. Dr. Manju Somanth and Mrs.C.K.Annapoorani, Assistant Professors, Department of Mathematics, compered the programme.



## International Congress on Renaissance in Sports 2019

National College Centenary International Congress on Renaissance in Sports was inaugurated on the 7<sup>th</sup> of January, 2019 at 9 a.m with **former captain of Indian hockey team, Padma Shri V Baskaran** as the Chief Guest. During the inaugural event **Padmavibhusan Dr.V. Krishnamurthy, President of our College** was honoured. The session was followed by a keynote session at 11.am. The



first keynote speaker on the first day was **Dr. Kannan Pugazhendi, Director SPAARC Institute, Chennai** and he addressed the participants on: "Application of Sports and Fitness Endocrinology in Performance". His speech was followed by that of **Dr. Henry C Daut's, Deputy National Director, Daut College of Physical Education, Philippines**. He spoke on "Sports and Physical Activity for Resilience and coping". The participants presented their papers at various venues as per the schedule in between the key note addresses. **Ms. Ranata AGO**, a sports rehabilitationist gave a lecture on European Standards for Olympic Athletes. Later, **Professor Pinar Yaprak Kemaloglu**, spoke on "Violence and Sports". Following the talk **Professor WCJ Grobler and Dr J Surjlal of South Africa** jointly presented their work on "Examining the



Relationship between Socio-economic Status, Dietary Diversity and Participation in Sports". Then, **Dr.Claire Boursier from France** presented her paper on "E-APA as Tool to Prevention, Health and Inclusion". Finally Professor **Lee Kwan Meng, Institute for Social Science Studies, Malaysia**, spoke on "Sport Programmes as Avenue for Youth Development Contexts, Issues and Challenges".

On the 8<sup>th</sup> of January, 2019 **Deputy Commissioner of police Mr. A Myilvaganan**, began the keynote sessions of the second day with his review titled "The Support of Fitness for Policing in the Conditions of the Sub-continent: A way to overcome the Odds". Following that Professor **S. Bakhtiar Choudhary of Hyderabad Spine Clinics** spoke on Sports Medicine. Later **Dr. C. Vreender, a Psychologist** from Hyderabad spoke on "Role of Imaginary and NLP Practices to Enhance the Performance of the Players". Followed by that **Dr M.S Nagarajan, Director Special Olympics South Asia Pacific**, spoke on "Special Olympics" and **Mrs Brindha Ragavan, Chairman of Renganayaki Varadharaj College of Engineering**, Spoke on "Engineering and Sports". The keynote sessions ended with the presentation of **Dr. Dharmesh, Doctor in Ayurveda** on "Sports Injury". After the lunch there was a debate on the topic "Is India on Track towards Olympic Ascendancy?" Later, in the evening the second part of the Mini India, a cultural extravaganza was organised by Rotary Club, Tiruchirappalli Diamond City, for the participants.

On the 9<sup>th</sup> of January 2019, short movie entries on the topic "Rise of India in the world of Sports" were screened to the participants and the winners were awarded prizes. The valedictory function was held with **Dr. Elango, Registrar, Tamilnadu Physical Education and Sports University, Chennai** as the Chief Guest. During the valedictory function the conference resolution was read out and signed by the prominent invitees and participants. On the 10<sup>th</sup> of January, with a historical and heritage tour to places in and around Trichy, the conference came to a successful end.

## International Conference on Recent Advances in Materials Science

The Inaugural function of DST-SERB, BRNS, TNSCST and TANSCHÉ sponsored Three days International Conference on Recent Advances in Materials Science-ICRAMS 2019, organized by the Physics Department was held on 04.02.2019. **Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai**, inaugurated the conference. In his inaugural address, he spoke about quality research in higher



educational institutions and how it was an imperative for national development. He praised the College Management for developing state-of-the-art research facilities which he



hoped would be put to good use by the researchers. **Prof. K.V. Ramanujachary, Rowan University, Glassboro, NJ, USA**, delivered the keynote address. He also introduced newer materials and explained their important applications.



He also spoke on some smart and practically useful material and sensors. He categorized the importance of such materials in the present times. **Dr.Jagannathan**, the International Convener of the conference spoke on the theme of the seminar. Earlier Dr. A.T.Ravichandran the Convener of the



conference welcomed the gathering. Secretary Shri. K.Raghunathan released the book of abstracts. **Prof. P. Ramasamy, Director SSN Research Centre, SSN Institution, Chennai** and **Prof. S. Gunasekaran, Dean, Research and Development, St. Peter's University, Chennai**, offered felicitations. Dr. S.Pari, Head, Department of Physics, proposed a vote of Thanks. **Prof. K.V. Ramanujachary, Rowan University, USA, Dr. Palani Balaya, National University, Singapore, Dr.Veerakumar, National Taiwan University,**



**Dr.B.Venkatraman, IGCAR, Kalpakkam, Dr. N. Lakshmi Narasiman and Dr. A. Pandikumar, CECRI-Karaikudi, Dr.P.Ramasamy, SSN Engineering College, Chennai, Dr.Arivoli, Dr.N.Kalkura, and Dr.R.Jayavel from Anna University, Dr.S.Gunasekaran, St.Peter's University, Chennai, Dr.B.M.Nagabhushana, M.S.Ramaiah, Institute of Technology, Bengaluru, Dr.Padmanaban, National Institute of Mental Health and Neuro Sciences, Bengaluru, Dr.Stephen Rajkumar Inbanathan, The American College, Madurai, Dr.Manikandan, Thiruvalluvar University, and our Illustrious alumnus Dr.Jagannathan, Provost, St.Teresa University, West Indies, Mr.L.Venkatraman, MODEC offshore Production Systems, Singapore, Mr.K.**



**Balasubramaniam, Santa Clara Valley, USA, Dr.S.Madhu, Srimad Andavan College of Arts and Science, Trichy and Dr.K.Sivaji, Madras University,** were the resource persons for the technical sessions and delivered Invited talks on different areas of Materials Science.

**The Vice-Chancellor of Mother Teresa University, Kodaikanal, Dr.Valli** delivered the valedictory address and distributed the prizes and awards for best Oral,



Poster and Model presentation. More than 250 research papers were discussed during the three days. More than 250 research scholars, students and faculty members from various parts of our nation participated in this Three day International Conference on Recent Advances in Materials Science-ICRAMS 2019. Earlier, Dr.Jagannathan, the International Convener of the conference, welcomed the dignitaries and the participants. Dr. A.T.Ravichandran, the convener of the conference, read the report of the conference and proposed a vote of thanks.



## One Day International Conference on Services Marketing: Process, Practice, Potential

The service sector has emerged as a sector of rapid growth. The ubiquitous presence of services spurs the growth of the sector. Further, globalisation and advancement in technology have paved the way for a revolution in the service sector. The multidimensional growth of the service sector and the consequent focus on services marketing which gave fillip to the Department of Commerce, to organise a Conference which provided a platform to academics, researchers, students and entrepreneurs to discuss the Process, Practices and Potential of services marketing across multiple segments on 24<sup>th</sup> Jan 2019. The gathering



was welcomed by the Convenor of the conference Dr.K.Kumar, Associate Professor of Commerce. The Presidential address was given by Dr. R.Sundararaman, Principal. The theme of the conference was explained to the audience by Prof. R.Soundarya, Assistant Professor of Commerce during her introductory remarks. Shri.K.Raghunathan, Secretary, felicitated the organizers. The first speaker of the day was **Dr.C.Madhavaiah, Assistant Professor of Management, Pondicherry University, Karaikkal. Dr.M.B.M.Ismail, Department of Management, South Eastern University of Srilanka,** gave the keynote address. Dr.M.Sharmila, Assistant Professor of Commerce delivered the vote of thanks.



In the Technical Session-1 **Dr.Kavitha Jayakumar, Associate Professor of Commerce, Christ University, Bangalore, Karnataka** spoke on "Knowledge Management through Effective Artificial Intelligence with Special Reference to Service Industry".

In the Technical Session-II, **Prof.A.Parvathi, Academic Consultant, Dept. of Management Studies, Sri Padmavathi Mahila University, Tirupati, Andhra Pradesh** spoke on "Temple Tourism". Then the participants were allowed to present papers on the topics related to the



theme of the conference. In the Technical Session III, **Dr.B. Vinnarasi, Associate professor, Christ University, Bangalore, Karnataka** spoke on "Impact of ICT on Higher Education". Then the paper presenters presented their papers.

In the valedictory function the gathering was welcomed by Dr.M.Nirmal, Assistant Professor of BBA. Dr. R.Srinivasan, Associate Professor of Commerce, felicitated the gathering. The valedictory address was given by **Shri. Wilson Anandharaj, Director-Nokia, Chennai.** The certificates for the participants were distributed by Dr.R.Sundararaman, Principal. Dr. S.Gnanasekaran, Head of



the Department of Commerce delivered the Vote of Thanks. The Department of Commerce received a few research articles from countries like USA, Srilanka and Bangladesh, seven research articles from other states of India and one hundred and fifty two research articles from various districts of Tamil Nadu.

## Two-Day National Conference on Modinomics

The Postgraduate and Research Department of Economics conducted a national level Two-Day Conference on "Modinomics" on 21<sup>st</sup> & 22<sup>nd</sup> February 2019. The conference was organized by Prof. K. Elango, Head and Associate Professor of Economics. Dr. T. Sridhar, Associate Professor



and Research supervisor of Economics, welcomed the gathering. Dr. R. Sundararaman, Principal of our College presided over the conference. Dr. N. Renganayaki, Assistant Professor of Economics, introduced the theme of the conference. **Dr. J. Kavitha, Associate Professor of Commerce, VELS University, Vistas, Pallavaram, Chennai**, gave the keynote address on "Demonetization". She highlighted the success and failure of demonetization, the sectoral wise impact of demonetization, limitations of demonetization and the move towards cashless economy.



That session came to a close with the vote of thanks proposed by Dr. V. Nandagopalan, C.O.E.

The next session began with the welcome address rendered by Dr. S. Thrumaran, Associate Professor of Economics. **Dr. P. Arunachalam, Professor and Head, Department of Applied Economics, Cochin University of Science and Technology, Kochi**, delivered a special lecture on "Achievement and challenges of the present government." He highlighted some important aspects like GDP growth, Fiscal deficit, TN Govt's welfare scheme, and contributions of different sectors to GDP Growth, socio-economic status, important schemes of Jandan Yojana, grameen awaz yojana, juwala scheme, cashless economy,



lack of storage facilities and the reality of Indian democracy. "All these programmes and plans exist due to efforts by successive governments," he claimed. This session came to a close with the vote of thanks proposed by Dr. N. Renganayaki, Assistant professor of Economics. The afternoon session began with the welcome address of Dr. K. Rajesh, Asst. Professor of Economics. Then the panel discussion was

moderated by **Dr. S. IyyamPillai, Former Prof. of Economics, BDU, Trichy**. He discussed the lessons learnt from Modinomics: **Dr. V. Arulmurugan, Assistant Prof. Department of Commerce, School of Management, Pondicherry University, Karaikal Campaus, Karaikal** spoke on "Modinomics: Initiatives Vs Reforms".

On the second day, **Dr. V. Ragupathy, Professor & Head, Political Science & Devt. Administration, Gandhigram Rural Institute Deemed University**, delivered a lecture on "An Analysis of Innovative Programme of Government of India". Dr. A.T.Ravichandran, Vice-Principal, welcomed the gathering. In the technical session II Dr. S. Ganesan & Dr. R. Rajendran acted as chair persons. In the afternoon session, **Dr. P. Stanly Joseph Maicheal Rai, Associate Professor of Economics, St., Joseph's College**, delivered a lecture on "The widening CAD and the depreciation of the rupee". In the valedictory meeting **Dr. Venkatesh B Athereya, Professor of Economics (Rtd), Bharathidasan University, Trichy** spoke on "Implication of Modinomics for the people" and distributed the certificates



to the paper presenters. Dr. P. S. S. Akilashri, Vice-Principal (UAP) of our Collgege, welcomed the gathering. Prof. K. Elango, organising secretary, proposed a vote of thanks.

### Two-Day National Seminar on Contemporary Cerebrations on Multicultural Literature

The Postgraduate and Research Department of English conducted a Two-Day National Seminar on the theme "Contemporary Cerebrations on Multicultural Literature" on the 1<sup>st</sup> and the 2<sup>nd</sup> of March 2019. The seminar was well attended by students of our college and scholars and teachers from various institutions from Tamilnadu and Kerala. In the inaugural function, **Dr. A. Joseph Dorairaj, Professor & Dean, School of English & Foreign Languages, Gandhigram Rural University, Gandhigram**, gave the keynote address. He traced the development of cultural studies and explained how it had become an integral part of English Studies today. "The challenges before a young democracy like India are many as it grapples with a multicultural environment in which acceptance or rejection of literary and cultural products is seen as a part of identity struggle," he said. He gave a thorough review of the works by Theodor Adorno, Richard Hoggart, Antonio Gramsci, Stuart



Hall and James Clifford. Earlier, Dr. R. Elavarasu, Head of the Department of English, welcomed the gathering and informed the audience how the department conducted seminars and conferences periodically for the intellectual growth of the students. Dr. R. Sundaraman, Principal of our College, in his presidential address recounted the yeoman service rendered by celebrated teachers of English during the college's long history. He told the students not to absent themselves, but attend every session of the seminar and



listen to the distinguished speakers. Dr. D.E. Benet, Associate Professor of English and Convenor of the seminar in his introductory remarks on the theme of the seminar said, "The term 'multiculturalism' implies that it is opposed to monoculturalism as well as any homogenising tendency. Societies have been torn between the pull of heterogeneity and homogeneity. Perceived to be a threat by dominant cultures and also by native cultures, multiculturalism has become the cause for culture wars. However, pluralist societies exist since time immemorial assimilating and integrating the social characteristics of divergent groups. For these societies, the evolution of hybrid or syncretic culture is a historical fact and they repeatedly affirm their faith in humanity, human right, universal values and ideas through oral or written literature. Literary works from these societies are essentially polyvocal, heteroglossial and even anti-foundational."

The first plenary session was handled by **Dr. Hemalatha Bhat, Assistant Professor of Sociology, Tamilnadu National Law School Trichy.** Her presentation on the history of Pondicherry was an eye opener to both historians and literary aficionados. "The multicultural evolution of the union territory was something unique in Indian History. The local Tamil culture was receptive towards the French version of the European culture and they both coexisted peacefully," she said. Her presentation was full of rare visuals from the French colonial past. The afternoon session belonged to **Dr. Eric Miller, Director, World Storytelling Institute and Assistant Director, East West Centre for Counselling and Training, Chennai.** He enthralled the audience with his reading of Silappathikaram. He traced the steps of Kannagi from her native Poompohar to Madurai. He also encouraged the students to revive the story telling techniques and to discover stories from the past which had only oral tradition. The topic of his talk was "Experience

with Stories and Storytelling in Various Cultures."

On the second day, March 2, 2019, **Dr. P.K. Sreekumar, Associate Professor of English, Maharaja's College, Ernakulam,** spoke on the topic "Oral Tales and Memory as Unarchived History: Perceptions from a Kerala Village" during the third plenary session. His talk was peppered with references to oral tales, humorous anecdotes and earthy humour of ordinary people. It was followed by a lively panel discussion on the topic "Multicultural Conditions" to which Dr. D. E. Benet, Associate Professor and the Convenor of the Seminar acted as the moderator. Dr. Abdul Mohammed Ali Jinnah Associate Professor of English, Jamal Mohamed College, Trichy, Dr. Vinod Balakrishnan, Associate Professor of English, National Institute of Technology, Trichy, Dr. S. Samuel Rufus, Assistant Professor of English, Madras Christian College, Chennai, and Dr. Hemalatha Bhat, Assistant Professor of Sociology, National Law School, Trichy participated as panelists and offered their views eloquently. From liberal multiculturalism to conservative multiculturalism and the changing cultural climate of the nation were discussed with a lot of academic interest. In the fourth plenary session **Dr. Terry Converse, Emeritus Professor, Washington State University, USA and Director, Phoenix World Theatre, Kochi,** presented a few scenes from Girish Karnad's play *Nagamandala* with the help



of his drama troupe and spoke on the topic "*Nagamandala* and the Ideal Indian Woman." In the valedictory function, **Dr. Jayanthasri Balakrishnan, Motivational speaker & Former Associate Professor of English, PSG College of Arts and Science, Coimbatore,** gave a rousing talk on Indian womanhood and mooted the idea of exploring





children's literature worldwide for transcending the pains of cultural wars. The seminar came to a close with Dr. K. Anbarasu, Director of Studies, offering his felicitation and distributing the certificates to the participants. Dr. D.E.Benet, the convener of the seminar, proposed a formal vote of thanks.

### **National Seminar on Farmers Orientation towards Climate change and Upgrading to Sustainable Agriculture**

National Conference on "Farmers Orientation towards Climate change and Upgrading to Sustainable agriculture" - (FOCUS-2019) organized by PG & Research Department of Botany during 23<sup>rd</sup> and 24<sup>th</sup> February 2019. **Dr. S. Uma, Director, ICAR-National Research Centre for Banana, Thayanur, Trichy** was the Chief Guest and gave



the inaugural address. **Mr. N. Natarajan, Head of Programmes, All India Radio, Trichy** and **Dr. Brajendra, Principal Scientist, IIRR, Hydrabad** delivered their talk on the environmental challenges in current agricultural practice. **Shri. N. Ravichandran, Special Officer & Commissioner of Trichy City Corporation, Trichy** has participated as Chief Guest and delivered the valedictory address and also distributed the



certificate to the participants. Totally 250 participants from various Institutions from Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Telangana, Orissa, Bihar etc. participated and presented their research findings. Dr. R. Sundararaman, Principal, National College, Trichy delivered the presidential address. Dr. KV. Kannan, Head, Department of Botany offered the felicitation. Dr. E. Natarajan, Co-organizing Secretary, Department of Botany, proposed a vote of thanks.

### **Royal Society of Chemistry Sponsored State Level Symposium on Energy, Environment and Employment**

Royal society of chemistry sponsored "State Level Symposium on Energy, Environment, and Employment" (RSC-SLSEEE 2019) was organized on 21.03.2019 and 22.03.2019 by the Department of Chemistry. Dr. K. Vivekanandan, the HOD of Chemistry and Dean of Science welcomed the gathering. Dr. R. Sundararaman, Principal, gave the Presidential address. The Chief Guest was **Prof. M. Lakshmanan, FASc, FNAsc, FNA, FTWAS, Professor of Eminence, School of Physics, Bharathidasan University, Tiruchirapalli**. During his inaugural address, he congratulated the convener Dr. M. Murali (Coordinator, RSC Students' Chapter) for having chosen a very good topic 'Energy, Environment and Employment.' He said, "Environment affects all of us. We would like to have a green environment, ideal food, and water. Even in cities, the environment is not conducive for healthy living. On 13<sup>th</sup> March 2019, the United Nations released a G.O. giving a stern warning to the world. The world is extracting the earth's resources, producing unmanageable wastes especially chemical waste.



Extraction of material from the earth leading to chemical flow on earth and land is hazardous. E-waste which contains cadmium, beryllium, and selenium poses hazard to all life forms. The above wastes which left untreated will cause all kinds of ill health; affect air quality, water, and food. Fruits and vegetables are also contaminated and adulterated. Calcium carbide is used to ripen fruits and the consequences are severe, one being premature mortality. The highest numbers of deaths were reported in East and South Asia. It has affected 1.27 million Indians in 2017 due to the burning of rice stocks. Nowadays, the agricultural yield is coming down either due to surface soil run off or land turning infertile because of chemical overuse. Erratic monsoons also add to the woes of the general populace. The laws are not being strictly enforced. Of course, we need employment, it is essential to go in for green chemistry; we can use solar energy, wind energy, energy from waste, biofuels, hydrogen fuel and nuclear energy. The quality of water and desalination of water is important. Tamil Nadu has a very long coastline. We can solve our water disputes with the neighbouring states



by opting for desalination. Desalinated water can be used for drinking and for agriculture. This can increase job opportunities for chemists. It is very important to take care of the environment. It is high time we made use of the environment in a purposeful way without affecting the environment". The coordinator Dr. I. Arockiaraj proposed a vote of thanks.

The session was chaired by **Dr. S. Sunitha and Prof. C. T. Aravindakumar of Mahatma Gandhi University, Kottayam**, who gave a talk on "Sustainable Chemistry: Challenges and Opportunities". According to him, sustainability is a combination of three important components (a) social component (b) economic component and (c) environmental component. Sustainable development is a development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

The second lecture was chaired by Dr. S. Muhamad Rafiq and the lecture was given by **Dr. M. Sathish, CSIR-Central Electrochemical Research Institute, Karaikudi** on the topic "Carbon Based Nanomaterial for Super Capacitor Applications". He educated the students about the renewable



energy sources and about solar power batteries, energy from hydrogen and uses of fuel cells. Then the thematic Inter-Collegiate competitions took place - (i) Flash Presentation and (ii) Essay writing.

The post-lunch session was chaired by Dr. D. Saravanan and **Prof. S. Natarajan, FASc, FNASc, FNA, FRSC, Indian Institute of Science, Bangalore** gave a very interesting talk on "Color and Coordination Chemistry -



Role of Transition Elements". He gave an insight into the color of transition metal compounds. This was followed by other two competitions viz., (i) Short Film Contest and (ii) Chemistry Dance.

On 22.03.2019, the first and second lectures were chaired by Dr. I. Arockiaraj and **Prof. P. Selvam, FRSC, Indian Institute of Technology, Madras, Chennai** gave a talk on "Nanostructured Materials for Energy Storage and Conversion". The next lecture was given by **Prof. K. P. Elango, Gandhigram Rural University, Dindigul** on the topic "Know Your Anions". He started with a Kural by the famous Tamil poet Tiruvalluvar describing the importance of rains and ended his talk with prevention of fluorosis. The third and fourth lectures were chaired by Dr. V. Renuga and **Dr. U. P. Senthilkumar, Orchid Pharmaceuticals Limited, Chennai** gave an enlightening talk on the topic "Employment Opportunities in Pharma Industries". **Dr. A. Pandikumar, CSIR-Central Electrochemical Research Institute, Karaikudi**, gave a talk on "In Search of Functional Materials for Dye Sensitized Solar Cells". **Prof. B. R. Jagirdar, FASc, Indian Institute of Science, Bangalore** gave the last lecture on "For Future Energy Needs, Turn to Hydrogen". He reminded us that natural resources would not last forever.

In the valedictory function, the Presidential address was given by Dr. K. Anbarasu, Director of Studies of our College and he congratulated the convener Dr. M. Murali for conducting this symposium. **Prof. P. Selvam, FRSC** delivered the valedictory address and pointed out that textile, leather and pharmaceutical companies produce a lot of chemical waste which is very difficult to dispose of. **Prof. M. Palaniandavar, FRSC, FASc, FNA, President, Royal Society of Chemistry South India Chapter** offered



felicitations. He said that the idea of conducting this state-level symposium originated in Chennai CRSI meeting and this year being the International Year of the Periodic Table (IYPT). He also said that two more meetings should be conducted. He said that the selected projects had not been funded. "Such meetings would enlighten the students and augment their knowledge base," he added. The prizes were distributed to the prize winners of the thematic Inter-collegiate competitions. The convener Dr. M. Murali proposed a vote of thanks.



## NACOTECH-2K19

An Inter-Collegiate Technical Symposium was conducted by the Postgraduate and Research Department of Computer Science on Tuesday the 19<sup>th</sup> of February 2019. Dr.P.S.S. Akilashri, Vice-Principal (UAP) & Head, Department of Computer Science, delivered the Welcome Address. The Presidential Address was given by Dr.R.Sundaraman, Principal. Thiru.K.Raghunathan, Secretary of our College, felicitated the organisers

**Dr.V.Palanisamy, Head, Department of Computer Applications, Alagappa University, Karaikudi**, inaugurated the symposium. In his address, he insisted on the fact that "Data science is the most recent trend of computer technology. It is a field of Big Data geared toward providing meaningful information based on large amounts of complex data. It combines domain expertise, programming skills and knowledge of math and statistics to extract meaningful insights from data. Data science practitioners apply machine learning algorithms to numbers,



texts, images, video and audio material and more to produce artificial intelligence (AI) systems that perform tasks which ordinarily require human intelligence in the field of agriculture, marketing optimization, risk management, fraud detection, marketing analytics and public policy among others.

This data is generated from different sources like financial logs, text files, multimedia forms, sensors and instruments. Data science has far reaching implications in many fields, both academic and applied research domains like machine translation, image and speech recognition and digital economy. Organizations are investing maximum resources on two aspects to remain profitable and this includes Big Data.

Next they make sure that the data stays in the cloud. Processing data and shifting it to cloud organizations entails two benefits, including tackling large sets of data for decision making and reducing the overall cost of infrastructure. With a huge demand in both the fields and billions of dollars of investment both are here to stay". Prof.M.Umamaheswari, Assistant Professor, Department of Computer Science, proposed a vote of thanks at the end of the session.

The Valedictory function was held in the evening. Prof.S.Ramani, Head, Department of IT, delivered the welcome address. Dr.V.Nandagopalan Controller of Examinations of the College, felicitated the gathering. **Dr.M.Muralidharan, Head, Dept.of Computer Science, Nehru Memorial College, Puthanampatti** delivered the Valedictory Address and distributed prizes to the winners. Two hundred and eighty competitors from twenty two



colleges participated. Prizes were awarded to students who took part in the competitions. St.Joseph's College, Trichy won the Overall Championship (UG) and Bishop Heber College, Trichy won the Overall Championship (PG). Prof.Y.Priya, Asst. Professor, Department of Computer Science, proposed a Vote of Thanks.

## Workshop on Microprocessor and Microcontroller

The Physics Association of our College organized a Workshop on "Microprocessor and Microcontroller" on 21.12.2018. The aim of the workshop was to give hands-on experience to the Post-Graduate students to operate Intel 8051 microcontrollers. **Dr. A. Rajendran, Associate Professor of Physics, Nehru Memorial College, Puthanampatti**, explained the theoretical and practical



aspects of microprocessor and microcontroller. In the morning session, the resource person described the fundamentals of Intel 8085, Intel 8086 microprocessor and explained the functioning of Intel 8051 microcontroller in detail. Programming concepts and the methodology of writing a program using Intel 8051 microcontroller were also



discussed. In the afternoon session, hands-on training practice was given to the participants. In this session, 8051 programming kits were given to individual students and instructions were given to execute the given programmes. Dr. R. Sundararaman, Principal inaugurated the workshop. Dr. A.T.Ravichandran, Vice President of the Association coordinated and explained the theme of the workshop. Student Secretary M.Manoleelan (II MSc.,Physics) welcomed the gathering and G.Samuvel (II M.Sc.,Physics) proposed a vote of thanks. Staff members and students participated in this workshop and gained the theoretical and practical knowledge about microprocessor and microcontroller.

## Two-day Workshop on Identification of Marine and Freshwater Zooplankton

The Postgraduate and Research Department of Zoology organized a Two-day Workshop on "Identification of Marine and Freshwater Zooplankton" on 21.01.19 and 22.01.2019. The Chief Guest **Dr. P. Santhanam, Assistant Professor, Marine Planktonology and Aquaculture Laboratory, Department of Marine Science, Bharathidasan University** inaugurated the workshop and delivered the inaugural address. He spoke on the taxonomical



identification of zooplanktons. He highlighted the fact that the planktons were drifting organisms indicating the health and wealth of the fishes and how they formed the base of oceanic food webs. He added that they were good bioindicators of water pollution. To our surprise he said that phytoplankton formed exopolymers that promoted cloud formation. He explained the classification of zooplanktons based on size, life cycle and described many species key characters for identification. Earlier, Miss. J. Lavanya of II B.Sc., Zoology welcomed the gathering. Dr. S. Sivakumar, Principal in-charge, delivered the Presidential address. Mr. A. Anandhan, student of III B.Sc., Zoology proposed a vote of thanks. After that the participants along with the resource persons went to the Gundoor Lake for sample collection. By employing qualitative and quantitative methods, samples were collected and preserved in formalin and were brought to the laboratory. In the afternoon session, the collected samples were given to the participants to observe the live zooplanktons. Then, they were guided to match the key characters in the manual to identify the zooplanktons and with that the first day session came to an end.

The second day (22-01-2019) morning session started with a lecture-cum-hands-on training of identification of freshwater zooplankton collected from Gundoor Lake by Dr. A. Janakiraman, Assistant Professor, Department of



Zoology. He gave details about the common freshwater zooplankton species including Rotifers, Cladocerans and Cyclopoids. He described key characters with live and preserved specimens. He also explained the different types of collection techniques and enumeration of zooplanktons. It was followed by a lecture by Dr. S. Thangaraj, Assistant Professor, Department of Zoology, in which he illustrated the common marine zooplankton species including Calanoids and Harpacticoids. He mounted and showed the preserved zooplankton to the participants. They were very much delighted and actively engaged themselves in identifying different marine zooplankton.

The next session was handled by Dr. P. Santhanam, Assistant Professor, Department of Marine Science, Bharathidasan University concentrating particularly on marine copepods in depth. He highlighted the special features of copepods with distinct male and female morphological characters. Next it was the turn of Dr. M. Boominathan, Assistant Professor, Department of Zoology and he explained how a biologist should approach statistics. He unfolded step by step approaches to carry out statistics to get accurate results. He spelled out various types of variables and recommended the students to select appropriate tests for the collected data. He also explained the usage of descriptive statistics in exploring the available data.

The valedictory function was held in the same evening. J. Lavanya of II B.Sc., Zoology welcomed the





gathering. Dr. R. Sundararaman, Principal, delivered the Presidential address and **Dr. P. Santhanam** gave the valedictory address. As taxonomists are less in number in India, he encouraged the students to choose taxonomy as their career. He also invited the students to visit his laboratory. Certificates were distributed to the participants by the chief guest. Dr. K. Govindaraj, Organising Secretary of the Workshop, proposed a vote of thanks.

### Workshop on Real Analysis

The Postgraduate and Research Department of Mathematics organized a one day Workshop on Real Analysis on 22<sup>nd</sup> February 2019. Dr. D. Muthuramakrishnan, Organizing Secretary serving as Associate Professor and Head of the Department welcomed the gathering. Dr. R. Sundararaman, Principal, presided over the function. Dr. P. Shanmuganandam, Associate Professor and Dr. A. Vijayasankar, Assistant Professor introduced the resource persons **Prof.R.Gnanaprakasam (Qualified CSIR-NET 17 times and secured first rank twice) from Tamil Nadu Polytechnic College, Madurai** and **Prof.R.Pandiya Raj(Qualified CSIR-NET,JRF,GATE) from Government College of Engineering, Bodinayakanur**, respectively. A



total of 261 participants, comprising Faculty Members, Research Scholars and Post-Graduate students from various Colleges and Universities benefited. The workshop provided a deep knowledge about the analysis and gave a glimpse of solving the problems in CSIR-NET/SET/GATE with ease. Dr. S. Sriram, Assistant Professor, welcomed the gathering



during the valediction. The Principal Dr.R.Sundararaman felicitated them. The resource persons distributed the certificates to the participants. Mr. K. Raja, Assistant Professor, proposed a vote of thanks.

### பேச்சுக்கலைப் பயிலரங்கு வரலாற்றைப் படிப்பதைவிட வரலாற்றைப் படைப்பதே சிறந்தது

நமது கல்லூரித் தமிழாப்துத்துறையில் ஒருநாள் பேச்சுக்கலைப் பயிலரங்கம் 25.02.2019 அன்று நடைபெற்றது. இந்நிகழ்ச்சிக்குக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் தலைமையேற்றார். பயிலரங்கில் **நாடாளுமன்ற மாநிலங்களவை உறுப்பினர் மாண்புமிகு திருச்சி சிவா** 'பேச்சு -



சமூக தாகம்' என்னும் பொருண்மையில் உரையாற்றினார். அதில் புதியதைத் தெரிந்து சொல்வதும், தெரிந்ததைப் புதிதாகச் சொல்வதுமே பேச்சுக்கலையின் அடிப்படை இலக்கணம் என்றார். மேலும், மாணவர்களும் இளைஞர்களும் வரலாற்றைப் படிப்பதைவிட வரலாற்றில் இடம்பெறுவதை இலக்காகக்கொண்டு செயல்பட வேண்டும் என்று கூறினார். 'பேச்சு கவிதை வானம்' என்னும் பொருண்மையில் உரையாற்றிய கவிஞர் நெல்லை ஜெயந்தா, பேச்சினூடே தரமான கவிதை வரிகள் இடம்பெறுவது பேச்சிற்கு



வலுசேர்க்கும் என்றும், கவிஞர் வாலியினுடைய பேச்சிலமைந்த கவித்துவங்களை எடுத்துரைத்தார். பேச்சாளர்களுக்கு நினைவாற்றல் இன்றியமையாதது என்றார். 'பேச்சு அனுபவ மழை' என்னும் பொருண்மையில் **திருச்சி நகைச்சுவை மன்றச் செயலாளர் திரு. க. சிவகுருநாதன்** உரையாற்றினார். அப்போது பேச்சு என்பது பொருள் சார்ந்தும் இடம் சார்ந்தும் இருப்பதோடு, சமகாலத் தன்மை பெற்றதாக அமைய வேண்டும் என்றார். 'பேச்சு - இலக்கிய மேகம்' என்னும்



பொருண்மையில் திருச்சி கம்பன் கழகச் செயலாளர் முனைவர் இரா. மாதுபொழிவாற்றினார். அதில் மனித வாழ்க்கைக்கு இலக்கியக் கல்வி, நகைச்சுவையுணர்வு ஆகியவற்றின் தேவை குறித்துப் பேசினார். முன்னதாக, கலைப்புல முதன்மையரும் தமிழாய்வுத்துறைத் தலைவருமான முனைவர் ச. ஈஸ்வரன் வரவேற்புரையாற்றினார். இப்பயிலரங்கின் ஒருங்கிணைப்பாளர் தமிழாய்வுத்துறை உதவிப்பேராசிரியர் முனைவர் சா. நீலகண்டன் தொகுப்புரையும் நன்றியுரையும் வழங்கினார். இப்பயிலரங்கில் கல்லூரியின் துணைமுதல்வர் முனைவர் யு.வு. இரவிச்சந்திரன், அறிவியல்புல முதன்மையர் முனைவர் மு. விவேகானந்தன், தேர்வு நெறியாளர் முனைவர் வீ. நந்தகோபாலன், தமிழாய்வுத்துறையின் இணைப்பேராசிரியர் முனைவர் ந. மாணிக்கம் மற்றும் பல்துறைப் பேராசிரியர்கள், ஆய்வாளர்கள், மாணவர்கள் பெருந்திரளாகக் கலந்துகொண்டனர்.

### சோழமண்டலமும் இலக்கியவளமும் - பன்னாட்டுக் கருத்தரங்கம்

நமது கல்லூரியின் நூற்றாண்டுவிழாவின் ஒரு பகுதியாகத் 'சோழமண்டலமும் இலக்கியவளமும்' என்னும் பொருண்மையில் ஒருநாள் பன்னாட்டுக் கருத்தரங்கம் 01.03.2019 அன்று நடைபெற்றது. இதனைத் தமிழாய்வுத்துறை ஏற்பாடு செய்திருந்தது. இந்தியா, இலங்கை உள்ளிட்ட நாடுகளிலிருந்து ஆய்வாளர்கள் கட்டுரைகளை வழங்கியும் நேரில் வருகை புரிந்தும் கருத்தரங்கினைச் சிறப்பித்தனர். 105 கட்டுரைகளைக் கொண்ட ஆய்வுக்கோவையைக் கருத்தரங்கின் சிறப்பு விருந்தினர் **திருச்சிராப்பள்ளி மாவட்டத் தமிழ் வளர்ச்சித்துறைத் துணை இயக்குநர் முனைவர் க. சிவசாமி வெளியிட, இலங்கை யாழ்ப்பாணப் பல்கலைக்கழக சமஸ்கிருதத்துறைச் சிறப்பு விரிவுரையாளர் முனைவர் ந. பத்மநாபன்** முதற்படியைப் பெற்றுக்கொண்டார். முனைவர் க. சிவசாமி பேசும்போது, மூவேந்தர்களில் சோழர்களின்



இலக்கியப்பங்களிப்பு குறித்த வரலாற்றுப் பெருமையை விவரித்தார். சங்க காலம் தொடங்கி, சிலப்பதிகாரம், தேவாரம், திருவாசகம், கம்பராமாயணம், பெரியபுராணம் எனத் தமிழின் இடைக்கால இலக்கியப் பரப்பில் சோழமண்டல இலக்கியங்களே மிகுத்திருந்ததைக் குறிப்பிட்டார். தற்காலத் தமிழிலக்கியப் படைப்பாளிகளில் முனைப்பாகச் செயல்படுவோரை அடையாளப்படுத்தினார். மேலும், சோழர்களின் கட்டடம், சிற்பம், ஓவியம் உள்ளிட்ட கலைப்பெருமைகளையும், இன்றைய ஆய்வுகள் சமூகப்பயன் கொண்டனவாக அமைய வேண்டியதையும் எடுத்துரைத்தார்.

கருத்தரங்கில் பங்கேற்ற **கேரள மாநிலத்தின் பாலக்கட்டுத் தமிழ்ப் பண்பாட்டு ஆய்வுமைய இயக்குநர் முனைவர் கே. ஏ. இராஜாராம்** பேசும்போது சோழமண்டலக் கலைக்களஞ்சியம் ஒன்றை உருவாக்க வேண்டும் எனக் குறிப்பிட்டார். இலங்கைப் பேராசிரியர் முனைவர் ந. பத்மநாபன்



உரையாற்றும் போது, தமிழர்களின் பன்முக அறிவாளுமைகளையும் ஆன்மிக ஈடுபாட்டையும் கலையுணர்வையும் பற்றிக் குறிப்பிட்டு, வளரும் தலைமுறைகள் அவற்றைக் கட்டிக் காக்கவேண்டும் எனவும் கூறினார். இக்கருத்தரங்கிற்குக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் தலைமையேற்றார்.

முன்னதாக இக்கருத்தரங்க ஒருங்கிணைப்பாளரும் ஆய்வுக்கோவையின் பதிப்பாசிரியருமான கலைப்புல முதன்மையரும் தமிழாய்வுத்துறைத் தலைவருமான முனைவர் ச. ஈஸ்வரன் வரவேற்புரையாற்றினார். தமிழாய்வுத்துறையின் இணைப்பேராசிரியர் முனைவர் ந. மாணிக்கம் அனைவருக்கும் நன்றி கூறினார். தொடக்கவிழாவை அடுத்துப் பல்வேறு அமர்வுகள் நடைபெற்றன. அவற்றில், பல இடங்களிலிருந்து வந்த ஆய்வாளர்கள் தங்கள் கட்டுரைகளை அரங்கேற்றினர். இக்கருத்தரங்கில் கல்லூரியின் துணைமுதல்வர் முனைவர் யு.வு. இரவிச்சந்திரன், அறிவியல்புல முதன்மையர் முனைவர் மு. விவேகானந்தன், தேர்வு நெறியாளர் முனைவர் வீ. நந்தகோபாலன் மற்றும் பல்துறைப் பேராசிரியர்கள், ஆய்வாளர்கள், மாணவர்கள் பெருந்திரளாகக் கலந்துகொண்டனர்.

### Workshop on Bioinformatics and Chemoinformatics Tools for Molecular Analysis

The Inaugural Function of the UGC sponsored one day interdisciplinary workshop on "Bioinformatics and Chemoinformatics Tools for Molecular Analysis," (BCTMA-2019), organised by the Physics Department, was held on 08/03/2019. **Dr. J. Jeyakanthan, Professor and Head, Dept. of Bio-Informatics, Alagappa University, Karaikudi**, inaugurated the workshop. In his inaugural address, he spoke on the importance of quality research and the methods adopted in achieving high standards. He highlighted the importance of software tools in Bioinformatics research which would help in knowledge generation for productive applications from the molecular structure data. Also, he explained the interplay of various scientific disciplines like physics, biology, chemistry, computer science and mathematics. The main focus of his



lecture was on the structural information of proteins for productive drug discovery for therapeutic purposes. He encouraged the youngsters to take up research in science, as it would be all inclusive to do research in basic sciences. Dr. S. Pari, Head of the department welcomed the gathering. Principal Dr. R. Sundararaman presided over the function and in his speech underscored the importance of objectivity in research for contemporary needs. Dr. T.V. Sundar,



coordinator of the workshop, read out the theme and explained the purpose behind a workshop of this kind. Dr. A. T. Ravichandran, Vice-principal, proposed a vote of thanks.

The workshop sessions in the forenoon were chaired by Dr. B.S. Srikanth, Assistant Professor of Physics. The first speaker **Dr. S. Thamotharan, Senior Associate Professor, School of Chemistry and Biotechnology, Department of Bioinformatics, SASTRA Deemed University, Thanjavur** spoke on the topic "Sequence-Structure-Function: A Bioinformatics Perspective." He introduced the form of sequence data, representation of



amino acids, the three-dimensional structure formation of protein molecules and so on. Following his talk, **Dr. J. Jeyakanthan, Professor and Head, Department of Bioinformatics, Alagappa University, Karaikudi** discussed in detail the Protein Structure Determination and its Importance in Drug Discovery and the related research benefits in minimizing cost and time involved in drug discovery work. An exhibition session, to introduce and demonstrate some online and stand-alone tools used in the theme area, was also arranged. The post-lunch session was chaired by Dr. S. Muruganantham, Assistant Professor from the Department Physics.

In this session, **Dr. P. Kumaradhas, Professor and Head, Department of Physics, Periyar University, Salem**, illustrated the use of the Chemoinformatic tools in determining the Charge density Distribution and Electrostatic



Properties of Molecules and as well comparing them with High Resolution X-ray diffraction and QM/MM Studies. The fifth and final session was chaired by Dr. M. Iyanar, Assistant Professor from the Department of Physics. Dr. T.V. Sundar, Associate Professor of Physics and convener of the workshop, made a presentation on the Role of Bioinformatics, Chemoinformatics and Data Mining Tools in Molecular Research with some utility software developed by his group for analyzing the molecular data and illustrated the power of numerical transformation of sequence data in order to elucidate hidden information in the biological sequence data with the idea of 'Mathematical Lensing'. He also suggested the use of WEKA, a data mining software for these kind of studies.

Dr. V. Nandagopalan, Controller of Examinations of the college, delivered the valedictory address and distributed certificates to the participants. In his address, he underlined the importance of such application oriented interdisciplinary workshops and their relevance today. He commended the research facility offered in the college. Earlier, Dr. M. Elanthiraiyan, co-convener, welcomed the gathering. Dr. S. Ravi, the other co-convener of the workshop presented the report of the workshop and proposed a vote of thanks. In all one hundred participants, both research scholars and students, from various departments and colleges participated.

### **UGC sponsored One day Workshop on "Micro-Seeds: Greater Global Research+".**

The Department of Botany, organized a UGC sponsored One day Workshop on 14.3.19 on "Micro-Seeds: Greater Global Research+". **Dr. Albert Premkumar Senior Scientist, Department of Ecology, Environmental and Plant Sciences, Stockholm University, Sweden**, was the Chief Guest and he explained about Micro-Seeds of Arabidopsis and their genome. He also handled the hands-on training of Arabidopsis genome. He shared information related to the avenues open for fellowships /assistantships in foreign countries. Dr. R. Sundararaman, Principal, delivered



the presidential address. Dr. KV. Kannan, Head, Department of Botany welcomed the gathering. Dr. K. Ramar, Organizing Secretary introduced the Chief Guest and also explained the



scope of workshop. Finally the Co- organizing Secretary, Dr. V. Ayyadurai, Assistant Professor, Department of Botany, proposed a vote of thanks.

### UGC sponsored Hands-on Training program on Histochemical Techniques

UGC sponsored "Hands-on Training program on Histochemical Techniques" was organized by the Postgraduate & Research Department of Botany on the 5<sup>th</sup> of March 2019. **Dr. S.R. Senthil Kumar, Dean School of Biological Sciences and Associate Professor of Botany, St. Joseph's College (Autonomous), Tiruchirappalli,** was the Chief Guest. He delivered the inaugural address and also explained the histochemical techniques in plants and



their importance. Dr. V. Nandagopalan, Organizing Secretary, trained the participants in a hands-on session. More than 150 students, research scholars and faculty members from different institutions participated and gained hands-on training in histochemical techniques. Dr. K.V. Kannan, Head, Department of Botany, gave the welcome address. Dr. R. Sundararaman, Principal, delivered the presidential address. Dr. M.N. Abubacker, Head, Dept. of Biotechnology, introduced the Chief Guest and Dr. V. Nandagopalan, Organizing Secretary, proposed a vote of thanks.

### One-Day Workshop on Start Up 2020

The Department of BBA conducted a One-Day Workshop on Start Up 2020 on 12/3/19. The Chief Guest

**Mrs. Archana, the founder of Superstar Pizza, Trichy** delivered a wonderful speech on the topic "Thinking on Entrepreneurship". Her success story spoke volumes about her determination, dedication and strength of character. In her speech she pointed out the fact that a woman could make a big difference in a male dominated business environment, if



she had firmness of purpose. The other invited guests Dr. M DuraiJaiker, and Dr.V. Strarey George, Assistant Professors Care Business School, Tiruchirappalli, handled the technical session on the topic "Big Ideas". Earlier Dr. R. Sundararaman, Principal, delivered the presidential address. Dr.Natarajan, Organizing secretary, proposed a vote of thanks.

### One day Workshop on Online Trading on Sharemarket

The Department of BBA conducted yet another One day Workshop on Online Trading and Sharemarket on 14/3/19. The Chief Guest **Dr. V. P. Sriraman, Associate Professor Accounting and Finance, Barathidasan Institute of Management, Trichy,** gave helpful ideas about stock market and portfolio management. **Mr.A.Viswakumar** and **Mr.K. Kalyanaraman, relationship managers Sharekhan** and **BNP Paribhas, Trichy,** shared their technical knowledge about online share market. The participants found their talk highly informative and illuminating. **Mr.T.K.Sridhar, founder, Sings Trust, Tiruchirappalli,** gave a brief explanation about Sensex,



Nifty and Forex. Finally he distributed the certificates to the participants. Dr. R. Sundararaman, Principal, delivered the presidential address. Dr.Natarajan, Organizing secretary, proposed a vote of thanks.



## UGC sponsored Seminar on Entrepreneurship- Royal Road to Riches

The Commerce Association Meeting was held on the 13<sup>th</sup> of March 2019. The presidential address was given by the Principal Dr. R. Sundararaman. The honorable Chief Guest **Mr. B. Amirthakasi, Chairman and Managing Director, Baby Engineering Private Limited, Trichy** spoke on "Entrepreneurship Development". He gave some useful ideas



to the students as to how to develop their entrepreneurial skills. He also told them how to face difficulties with courage and conviction. Then Mr. M. Eniyavan, Chief Secretary, Tamilnadu Culinary Arts Workers Association spoke on "Business Mantras". He spelled out the techniques of marketing and he shared his own life experience with the students. Then Ms. Faiza Jaleel, Proprietor, Faizal Boutique, Trichy & Chennai spoke on "Entrepreneurship - Be Your Own Boss". She gave rich ideas about how to start one's own business and how to find the sources of funds to invest in business. "The crucial part," she said, "is how to manage business given your ability to manage time." After the speech the shields were presented to the students who secured the 1<sup>st</sup> and the 2<sup>nd</sup> places in the Odd Semester 2018.

## Young Student Scientists Program sponsored by Tamilnadu State Council for Science and Technology

The Inaugural function of the Tamil Nadu State Council for Science and Technology sponsored 15 day residential training program for Standard IX school students was held on 24.12.2018 in the Audio-Visual theatre. 80 students studying Standard IX from various schools of



Tiruchirappalli and Karur districts participated in this 15 day program. The Coordinator of the program Dr.A.T. Ravichandran, Vice Principal and Associate Professor of Physics welcomed the participants and outlined the schedule. Dr. R. Sundararaman, Principal, presided over the function and encouraged the students to take part in all activities. **Dr.K.Sivasamy, Deputy Director, Tamil Development Department** inaugurated the program. He also highlighted the role of Tamil Nadu State Council for Science and Technology in catalyzing the program to motivate the young school students and attract them at an early age to provide exposure to science and research. **Dr.R.Chandramohan, Former Principal of Sree Sevugan Annamalai College, Devakottai**, offered felicitations and underscored the importance of this program.



Our College faculty members and eminent personalities interacted with the students through lectures in the morning sessions. In the afternoons the student visited different science laboratories and practiced simple experiments.



**BIOTECHNOLOGY - LAB**



**BOTANY - LAB**





**CHEMISTRY - LAB**



**GEOLOGY - LAB**



**PHYSICS - LAB**



**ZOOLOGY - LAB**

Field visit to CECRI, Karaikudi, Anna Planetarium, Trichy, and other places were arranged. Ham radio operation and astronomy activities were also demonstrated to the students. Some scientific movies were screened. Prizes were awarded to the winners of Quiz, Elocution and Essay writing competitions. Models created by the students were displayed in an exhibition on the last day of the program. Dr. I. Arockia Raj, Assistant coordinator, proposed a vote of thanks and Dr.S.Manivel, Assistant coordinator, made all the arrangements for the program.



The valedictory function of the 15 day residential training program for IX standard school students was held on 7.01.2019. Dr. R. Sundararaman, Principal, welcomed the participants. Our **District Educational Officer K.Ramasamy** delivered the valedictory address. The Coordinator of the program Dr.A.T.Ravichandran, Vice Principal and Associate Professor of Physics proposed a vote of thanks.

### **Three-day Open Day Programme**

The Department of Biotechnology and Microbiology of our College, organized a three day Open Day Programme for the benefit of school students. The programme started with inauguration on 6.2.2019 with the presidential address of the College Principal Dr. R. Sundararaman. **Prof. M.A. Akbarsha, Research Co-ordinator** felicitated the organizers and briefed on the importance of going through a functional laboratory. As stated by him, the programme was organized for motivating students towards the study of science, particularly biological sciences and to familiarize them with various avenues of employment open for them, apart from helping them seek admission in medical colleges.

Students from Santa Maria School, Crawford, attended the inaugural function and visited the exhibition that was organized in the laboratory of Biotechnology. Various fields of Biotechnology were represented at basic



level for the easy understanding of the school students. In particular, students were excited to see bacteria being cultured in liquid and solid medium. Students could visualize bacteria using special stains. Similarly, they also witnessed motility of bacteria under the microscope. Following this,



equipment, experiments and demonstrations of fermentor based productions, bioinformatics, plant tissue culture, animal cell culture and stem cell culture were among the much enjoyed sections by the students. Students commented that the visit through the Biotechnology laboratory was highly enlightening, enjoyable and motivating for studies in science. Various research projects being undertaken by the professors in the Department of Biotechnology and zoology were also explained for the benefit of school students. 291 students and 20 teaching staff from various schools in and around Trichy visited the exhibition. Faculty and students of the Dept. of Biotechnology took active part in showing around, explaining and motivating the visitors.

## Association Meetings

### Chemistry Association

Under the auspices of the Chemistry association, Dr. M. Murali, Vice-President, Chemistry Association arranged a lecture on 21.12.18. Mr. S. Karthikeyan (II M.Sc.) welcomed the gathering. Dr. K. Vivekanandan, HOD, Chemistry and Dean of Science honored the Chief Guest by presenting him with a shawl. Dr. R. Sundararaman, Principal delivered the presidential address. In his Presidential address, the Principal thanked Dr. M. Murali for being active in conducting such lecture programmes and also for inviting a speaker from a foreign University. He reminded everyone that a number of such lecture programmes are being conducted as part of the Centenary Year Celebrations and advised the students to make use of the golden opportunity. The Chief Guest **Dr. Thangarasu Pandiyan, Professor of Chemistry, National Autonomous University of Mexico** delivered a lecture on the topic "Ruthenium Chemistry and Applications".



The speaker talked about the important properties of the element ruthenium, like its variable oxidation states, capability to form covalent bonds by back bonding with ligands and also its soft nature. He explained in detail its applications like chemosensor, photocatalyst / catalyst and environmental oxidizing agent. In the presence of visible light, the complex  $[\text{Ru}(\text{bipy})_3]^{3+}$  goes to the excited state. The excited state is generally a better oxidant and a better reductant than the ground state. Ruthenium complexes can undergo substitution reactions which can be used for

quantitative work. Moreover, they can be used for solar energy conversion which is a very important application. Ruthenium(II) is a soft ion and can form a strong bond with a soft ligand like phosphine. Hence, the bond distance between ruthenium and the ligand is very short. On the contrary, ruthenium(IV) being a hard ion forms a less strong complex with phosphine, in which case the bond distance between Ru and the ligand is longer. When the bond distance is small, electron removal is easy and this property is useful in chemosensors.

He explained about Benesi-Hilderbrand plot which he used to determine the stability constant of the complexes formed between chloride ions and the receptor. He also explained the characterization techniques like  $^{13}\text{C}$ NMR spectra involved in phenol oxidation, and how ruthenium compounds can be used for the oxidation of contaminants like phenols thus making it important in environmental chemistry. Redox potential, UV-VIS absorption and photo emissions have very high impacts on the chemical properties of photo reactions. Ruthenium complexes with tripodal ligands are efficient for chemosensor and photochemical reactions. Ms. S. Mariya Thangam (I M.Sc.) proposed a vote of thanks.

### Royal Society of Chemistry Students' Chapter

Under the auspices of the Royal Society of Chemistry Students' Chapter (RSCSC) a special meeting was conducted in the Department of Chemistry by Dr. M. Murali, Coordinator on 04.01.2019. Mr. B. Sasikrishnan (I M.Sc.), Joint Secretary, RSCSC welcomed the gathering. In his Presidential address, Dr. R. Sundararaman, Principal told the students to be aware of the various central government jobs which were available for them. He advised the students to make good use of this golden opportunity. He also informed them that in connection with the Science Day celebrations, several competitions would be conducted by the Directorate of Collegiate Education and advised the students to participate and come out with flying colours. Dr. K. Vivekanandan, HOD Chemistry and Dean of Science honoured the Chief Guest. **The Chief Guest Mr. R. Jegan, Chemical and Metallurgical Chemist, CMS/CMT Lab, Southern Railway, Tiruchirapalli** gave a very enlightening, encouraging and inspirational talk on the topic "Central Government Jobs for Chemists". He pointed out the





areas in which chemists were in great demand. Some of the realms are Central Forensic Science Laboratory, Central Bureau of Investigation, Ministry of Home Affairs, Intelligence Bureau, Ministry of Commerce and Industry, Bhabha Atomic Research Centre (Trombay), Nuclear Fuel Complex (Hyderabad), Bureau of Indian standards (BIS), Archaeological Survey of India, Department of Agriculture, Indian Space Research Organisation (ISRO), Central Pollution Control Board, Ministry of Consumer Affairs, Ministry of Water resources, Ministry of Defence, Ministry of Health, Public sector undertakings (which are more beneficial than Railways), Tea Boards, Spices Board, Indian Rare Earth Ltd., Central Power Research Institute (Bangalore), Defence Research and Development Organisation (DRDO), Ordnance factory. He advised the students to study well and apply for central government jobs. "All the posts carry impressive starting salary, besides you can enjoy other perks and benefits; the nature of the examinations is such that anyone with the required cut off marks can pass the examinations and the information is available for both under graduate and post graduate students on the websites. Once the students join the jobs at a very young age, they can become officers after ten years of experience," he said. He also discussed some of the questions from old question papers and gave a list of reference books. He advised them to form a whatsapp group for the purpose and to contact him for help whenever needed. Ms. P. Jayabharathi (II M.Sc.), Secretary, RSCSC, proposed a vote of thanks.

Under the auspices of the Chemistry Association and the College Instrumentation Facility (NCIF), a special lecture was organized in the Department of Chemistry by Dr. M. Murali, Vice-president of Chemistry Association and Dr. D. Saravanan, coordinator of NCIF on 11.01.2019. Dr. S. Sunitha, Deputy Head, Department of Chemistry welcomed the gathering. Dr. R. Sundararaman, Principal delivered the presidential address and thanked profusely Dr. M. Murali and



Dr. D. Saravanan for bringing an eminent person from a prestigious institution. He advised the students to take part in such programmes with enthusiasm and learn new ideas. The Chief Guest **Dr. B. Sreedhar, Senior Principal Scientist, CSIR-Indian Institute of Chemical Technology, Hyderabad**, gave a very useful and an enlightening talk on

the topic "Surface Analysis by X-ray Photoelectron Spectroscopy". He started from the discovery of photoelectric effect and photoelectron spectroscopy. He highlighted the basics of photoelectron spectroscopy, its principles and explained the nature of the photoelectron spectrum that could be obtained.

The monoenergetic X-rays penetrate only ~10 nm of the surface of a material. Hence it is used for surface analysis. Hence it is also known as "Electron Spectroscopy for Surface Analysis (ESCA)". He explained how the spectrum could be used to identify the elements present in a given sample. He also explained that this technique can be used for quantitative experiments. He said "Cu-K is not used as a source in this technique as the energy of the X-ray that is emitted is low and also the width of the line obtained in the photoelectron spectrum will also be large. So Mg-K or Al-K is used as sources which are able to produce X-rays which are monoenergetic and can produce lines with very narrow widths". He ended his talk with detail about spin-orbital splitting. The lecture was followed by an interactive session in which he cleared the doubts of the students and the scholars. Dr. D. Saravanan proposed a vote of thanks.

### Commerce Association

The Postgraduate and Research Department of Commerce conducted its Association meeting on 4-2-2019. The gathering was warmly welcomed by Dr.S.Gnanasekaran, Head of the Department. The presidential address was given by Dr.R.Sundararaman, the Principal. The Chief Guest **Dr.K.Venkataraman Director Projects and Program, Bhaktivedanta Hospital and Research Institute, Mumbai**, shared his rich learning and experience on the topic



"The Journey-National to International". The objective was to motivate and inspire students. He said, "India has many icons who have made from National to International. We have to understand our Tamil culture and how it can create a great impact in the world. Many international organisations are looking towards India for solutions. India has produced many technocrats who are known across the world. Dr Kalam is a perfect example." Dr.B.Sekar, Vice President of the Association expressed his gratitude toward all concerned on behalf of the Department.



## Commerce Association (UAP)

The Commerce Association (UAP) meeting was held on 25.01.2019. The Chief Guest **Mr. N. Harish Raja, Head, Business Development, M/s. Ebinbridge Skill Solutions PVT. Ltd. Trichy**, spoke on "Tally and its impact on today's Business Scenario". In his speech he highlighted the importance of Tally package in this present scenario. The



speaker also declared that tally software was one of the best accounting software with versatility and could lend itself to any kind of business transaction. He stated that most companies used to maintain a complete record of transactions through Tally software and informed the students that the demand for Tally professionals was on the rise. "Jobs are awaiting those students who learn Tally software," he averred. Earlier our student T.P. Mugundan welcomed the gathering, Dr.R.Sundararaman, Principal of our College gave the presidential address, Dr.P.S.S. Akilashree, Vive Principal- UAP offered felicitation. Mr. V. Donald Dharmaraj, III B.Com., proposed a vote of thanks.

## B.COM CA Association

The Association meeting of B.Com with Computer Applications (B.Com (CA) was held on 27/02/2019. The Chief Guest **Mr. N. Harish Raja, Head, Business Development Edinbridge Skill Solution Pvt. Ltd, Trichy**, spoke on the topic "impact of GST In Today's Scenario". He talked on the knowledge and skills required for the future employability and informed the students that they must enrich their skills. He narrated the Impact of GST on cab services and said that it was beneficial for passengers as it had reduced traveling costs. However, GST resulted in increase in the lease



payments. He said, "Rate of GST on IT sector has increased to 18% but the IT industry will enjoy an increase in sales thanks to demand for GST software." Further he explained the benefits of GST to the Indian Economy with the removal of bundled indirect taxes such as VAT, CST, Service tax, CAD, SAD, and Excise. He added, "Less tax compliance means a simplified tax policy compared to current tax structure. Removal of cascading effect of taxes means removal of tax on tax. Also he stated that the primary impact to be felt by the consumers would change the prices of goods and services on account of GST rates; and in services, the tax rate had increased from 15% to 18%". Finally, he explained the rationale for the 3% increase on the price of services for the common man. Earlier Dr. R.Sundararaman, Principal, delivered the presidential address. Dr.P.S.S. Akila Shree, Vice-principal (UAP) felicitated the organizers. The Association Vice president Dr.Govindaraj proposed a vote of thanks.

## Computer Science Association

The Certificate Course on "Python Programming" was conducted by PG and Research Department of Computer Science on 19<sup>th</sup> December, 2018. The Welcome address was given by Dr.P.S.S.Akilashri, Vice-principal (UAP) and Head, Department of Computer Science. The Presidential address was given by our Principal Dr.R.Sundararaman. Dr.Priyadharshini, Kalvi Foundation, Trichy felicitated the gathering. She said, "The purpose of this course is to gain more knowledge in Object-oriented programming languages and create job opportunities in different environments." **Dr. J.IsacGnanaraj, Dept. of Computer Science, Bishop Heber College, Tiruchirappalli**, inaugurated the function and delivered the inaugural address. During his speech, he highlighted the salient features of Python Programming which is one of the most popular and powerful Object-



Oriented programming languages used for developing websites. "It is user-friendly, uses elegant syntax, runs anywhere and is equivalent to Java Script. It supports OOP's with classes and multiple inheritances and has automatic memory management," he said. He also pointed out the applications of Python in various fields like Data Science, Web development, Image processing, Networking, Artificial Intelligence and Robotics. Mr.S.Harish, a student of I B.Sc (CS), proposed a vote of thanks.



## Economics Association

A 'Discussion on Budget' 2019 was held on 07.02.2019 by the Economics Association. The meeting was organized by Association Vice-President Dr. K. Rajesh, Assistant Professor of Economics and Mr. M. Yuvaraj of I B.A., Economics welcomed the gathering. The session was presided over by the Principal, Dr. R. Sundararaman. **Shri S. Srivatsan, Chartered Accountant, Tiruchirappalli** was the Chief Guest who made an interesting presentation about



the Budget 2019. Some highlights of his speech were related to Income Tax Rebate, Deficit Budget, Tax Revenue and Non-Tax revenue and Subsidies of various kinds, Minimum support price for agricultural products, Direct Tax Receipts Trends and so on. Prof. K. Elango, Associate Professor and Head, honored the Chief Guest with a shawl and a memento. All the staff members of the Department were present during the meeting. This discussion was lucid and quite useful to the students. The programme came to a close with the vote of thanks proposed by Mr. A. Ruban of II B.A., Economics.

## English Association

The Postgraduate and Research Department of English, organised a lecture series from the 12<sup>th</sup> to the 18<sup>th</sup> of February 2019. Experts from various colleges were invited to address the students. **Dr. S. Melvin, Assistant Professor of English, Bishop Heber College, Trichy** spoke on "Postcolonial Literature," **Dr. R. Srinivasan, Associate Professor of Commerce (Retd), National College, Trichy**, spoke on "Nuances and Niceties in R.K. Narayan," **Prof. S. Pushpavanam, Associate Professor of English (Retd.) National College, Trichy**, spoke on "Philosophical



aspects in T.S. Eliot" and **Dr. Mohammed Rafiq, Associate Professor of English, Jamal Mohamed College, Trichy**, spoke on "African-American Literature." The lectures were refreshingly different from the regular classroom lectures and the students were greatly inspired to learn outside the curriculum.

The Postgraduate and Research Department of English, organized its Literary Association meeting on the 26<sup>th</sup> of February 2019. Mr. A. Rajesh Kannan of II M.A. English welcomed the gathering. Dr. R. Sundararaman, Principal, delivered the presidential address. Ms. S. Divyabharathi of II M.A. English introduced the Chief Guest **Prof. Thangapandian, Former Head, Department of English, Thiruverumbur**. He gave his insights into "Literature and Human Mind". He said, "The human mind is endowed with creative and critical thinking. Literature is an expression of creativity and basically a product of the mind. Similarly, when a reader reads a piece of literature he or she responds critically or aesthetically. What is known as the pleasure of the intellect belongs to the mind." Dr. R. Elavarasu, Head and



Associate Professor, Department of English, felicitated the gathering. Mr. C. V. Sathya Sai Lohith of III B.A. English proposed a vote of thanks.

The Postgraduate and Research Department of English organized the valedictory meeting of the Literary Association on 18.3.2019. Ms. Surya of I M. A. English welcomed the gathering. Dr. D. E. Benet, Associate Professor, Department of English gave the valedictory address. He told the students to take stock of their achievements and not to give up their reading habit at any point in time in their life. "Reading is the best brain food," he added. An elocution competition was organised for the students. Twenty four students from both U.G. and P.G. participated and won prizes. Dr. R. Elavarasu, H.o.D. Dept of English, and Dr. D. E. Benet, Associate Professor, Dept of English, distributed the prizes to the students. Ms. Flora Janet of I M. A. English proposed a vote of thanks.

## வரலாற்றுத் துறை பேரவைக் கூட்ட நிறைவு விழா

நமது கல்லூரியின் வரலாற்றுத் துறை பேரவைக் கூட்ட நிறைவு விழா 06.03.2019 அன்று நடைபெற்றது. "திருச்சிராப்பள்ளியில் சுதந்திர இயக்கம்" (Freedom Movement in Tiruchirappalli) எனும் தலைப்பில்



ஹோலி கிராஸ் கல்லூரியின் வரலாற்றுத் துறை இணைப் பேராசிரியர் மேஜர்.முனைவர் ஆ.விஜி அவர்கள் பேருரையாற்றினார். அவர் தமது உரையில் இந்தியாவில் ஆங்கிலேயர்கள் காலடி பதித்து பின் வேருன்றி இந்தியாவை ஆட்சி செய்து அடிமைப் படுத்தியது முதல் ஆரம்பித்து இந்திய



தேசியக் காங்கிரஸின் தோற்றம், வளர்ச்சி, அவற்றின் செயல்பாடுகள் போன்ற வரலாற்று சம்பவங்களை அழகாகவும், ஆழமாகவும் விளக்கிக் கூறினார். இந்திய தேசியக் காங்கிரஸில் மகாத்மா காந்தி உள்ளிட்ட தேசியத் தலைவர்களின் அயராத உழைப்பு, செயல்பாடுகள் மற்றும் வாழ்க்கையின் அர்ப்பணிப்பு உள்ளிட்ட அனைத்தையும் தெளிவுபடக் கூறினார். காந்தியின் உப்பு சத்தியாகிரகத்தையும், இராஜாஜி தலைமையில் திருச்சியிலிருந்து வேதாரண்யம் வரை நூற்றுக்கும் மேற்பட்டவர்களுடன் சென்று உப்பு காய்ச்சி ஆங்கிலேயருக்கு எதிர்ப்பாகவும், காந்திஜிக்கு ஆதரவாகவும் சுதந்திர இயக்கத்தில் பங்கு கொண்டதையும், மற்றும் திருச்சியில் நடைபெற்ற பல்வேறு சுதந்திர இயக்கத்தின் முக்கியத்துவத்தையும் தெளிவுபட விளக்கினார்.

விழாவிற்கு கல்லூரியின் முதல்வர் முனைவர் சு.சுந்தரராமன் அவர்கள் தலைமைப் பொறுப்பேற்று தலைமையுரை வழங்கினார். விழாவின் வரவேற்புரையினையும், சிறப்பு விருந்தினரின் அறிமுக உரையினையும் வரலாற்று மன்ற துணைத்தலைவரும், துறைத்தலைவருமாகிய முனைவர் பெ.பரிமள சேகர் வழங்கினார். விழாவிற்கு கல்லூரியின் தேர்வுக் கட்டுப்பாட்டாளர் முனைவர் V. நந்தகோபால், வரலாற்றுத்துறை பேராசிரியர்கள் முனைவர். தியாகராஜன் முனைவர் சுமதி கமலம் மற்றும் வரலாற்றுத்துறை மாணவ-மாணவிகள் பிற துறை மாணவ-மாணவிகள் கலந்து கொண்டு விழாவினைச் சிறப்பித்தார்கள். விழாவின் முடிவில் வரலாற்றுத்துறையின் மூன்றாம் ஆண்டு மாணவி C.திவ்யா நன்றியுரை வழங்கினார். நிகழ்ச்சியினை ஆ.கௌரி தொகுத்து வழங்கினார்.

### Mathematics Association

The Mathematics Association of our College organized its valedictory meeting on 27.3.2019. Principal Dr. R. Sundararaman in his presidential address advised the students to learn the advancement in mathematical field to gain knowledge and also to use this type of lectures for their career improvement. Dr.D.Muthuramakrishnan, Head and Associate Professor, Department of Mathematics presided over the meeting.

Dr. P.Chellapandian, Assistant professor, Department of Mathematics, Srimad Andavan Arts and Science College, Trichy gave the guest lecture on "Introduction To Coding Theory". Basic concepts of coding theory were introduced by him and lecture on encoding and decoding of codes were taught. He also pointed out the applications of coding theory. He gave examples comparing the different concepts in set theory and algebra with coding theory. Ms.M.Sugamathi, II M.Sc.Mathematics welcomed the gathering. I M.Sc student Ms.R.Gandhimathi thanked one and all for their presence.

The Mathematics Association meeting (UAP) was held on February 7, 2019 at 11.30 a.m. V.Lincy of II M.Sc., welcomed the gathering. M.Nivethitha of III B.Sc., introduced the Chief Guest **Dr.V.Saavithiri, Assistant Professor & Head, Department of Mathematics, Nehru Memorial college, Puthanampatti, Tiruchirappalli.** Dr.R.Sundararaman, Principal, delivered the presidential address. Dr.P.S.S.Akilashri, Vice Principal(UAP), offered



felicitations. The Chief Guest Dr.V.Saavithiri motivated the students to excel in their studies and followed it by a lecture on "Statistical Distributions and their Applications". She explained various distributions like normal, binomial and poisson distributions. She also taught how to apply these distributions in real life. Through her lecture students gained a good knowledge about the Statistical distributions and their role in various fields. The Chief Guest also underscored the importance of Statistical distributions in the higher studies of the students. Her clear and motivational lecture drew appreciation from the students. All the students from shift-I and shift-II of unaided programme attended the meeting. M.Shanmugapriya of II M.Sc proposed a vote of thanks.

The valediction of Mathematics Association (UAP) was held on March 15, 2019. A.Karthikeyan of I B.Sc., welcomed the gathering. **Dr.S.Ruban Raj, Principal, RVS College of Arts and Science, Inamkulathur, Tiruchirappalli** was the Chief Guest. The Chief gave a lecture on "Basic Astronomy". His speech was an eye-opener to everyone assembled in the hall. He explained lucidly the basic astronomy, lunar eclipse, solar eclipse, Zodiac signs and latest news about galaxy. His clear and information-loaded





lecture was well received by the students. Dr.R.Sundararaman, Principal, delivered the presidential address. P.Leema Rose of III B.Sc.,Mathematics proposed a vote of thanks.

### Physics Association

The valedictory function of the Physics Association was held on 28.03.2019. **Rtn.Er.K.Umashankar, Career & Education Consultant and Soft skill Trainer** delivered a talk on opportunities and challenges. In his speech he outlined the various possibilities of continuing higher



education for students of physics and also the opportunities of jobs in government and private sectors. He pointed out the challenges to be faced by the aspirants at state, national and international level. Besides highlighting the various schemes implemented by the state and central government for physics graduates, he explained the ways and means to clear competitive examinations. Further, he motivated the students to do useful research in various fields of science and technology. Dr. Sundararaman, Principal, presided over the function. S.Faiyaskhan (II MSc.,Physics) welcomed the gathering and A.Kowsalya (I MSc.,Physics) proposed a vote of thanks.

### தமிழ் இலக்கியப் பேரவை விழா

20-02-2019 அன்று நமது கல்லூரியின் சுயநிதிப் பிரிவின் சார்பில் தமிழ் இலக்கியப் பேரவை விழா சிறப்பாகக் கொண்டாடப்பட்டது. கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் தலைமை தாங்கினார். தமிழ்த் துறைத் தலைவர் முனைவர் இரா.மாணிக்கவாசகன் வரவேற்புரை வழங்கினார். பணி நிறைவு பெற்ற **காவல் உதவி ஆணையர் திரு.கு.வீராசாமி** அவர்கள் சிறப்பு விருந்தினராகக் கலந்து

கொண்டு “வள்ளுவர் வகுத்த அறன்” என்ற பொருளில் சிறப்புரை ஆற்றினார். எப்படியும் வாழலாம் என்றில்லாமல் இப்படித்தான் வாழவேண்டும் என்று வாழ்க்கைக்கான தத்துவங்களை கூறிய உலகத்தின் ஒரே நீதி இலக்கியம் திருக்குறள் மட்டுமே என்றும், திருக்குறளை படிக்கின்றபொழுது மாணவர்கள் குற்றங்களை களைந்த உண்ணதமான ஒரு சமுதாயமாக உருவாவதற்கு துணை செய்யப்படுகிறது என்றும்



பேசினார். குற்றங்கள் மலிந்துவிட்ட இன்றைய சமூகம் நல்வழிப்பட வேண்டுமேயானால் அதற்கு திருக்குறள் மட்டுமே தலை சிறந்த மருந்து என்ற பொருள்பட பேசினார். நிறைவாக முனைவர் கோ.இராமச்சந்திரன் அவர்கள் நன்றியுரை நல்கினார்.

08.03.2019 அன்று நமது கல்லூரியின் நூற்றாண்டுவிழாவை முன்னிட்டுதமிழ் இலக்கியப் பேரவைவிழா நடைபெற்றது. இவ்விழாவில் சுயநிதிப் பாடப்பிரிவின் துறைத்தலைவர் இரா.மாணிக்கவாசகன் வரவேற்புரை நல்கினார். கல்லூரி முதல்வர் ஆர்.சுந்தரராமன் அவர்கள் தலைமையுரையாற்றினார். வாழ்த்துரையினை தமிழாய்வுத் துறைத்தலைவர் ச.சுஸ்வரன் அவர்கள் வழங்கினார். விழாவில் **வழக்கறிஞர் இளங்குமார்சம்பத்** அவர்கள் பல் துறைகளில் தமிழ் எனும் தலைப்பில் சிறப்புரையாற்றினார். தமிழ்மொழியின் தோற்றம் முதல் இன்றையவளர்ச்சிவரை,மொழியின் சிறப்புகுறித்தும் அதன் இலக்கிய, இலக்கணவளங்கள் குறித்தும் எழுத்துக்களின் வடிவம் குறித்தும்



மாணவர்களிடையே உரையாற்றினார். வாழ்வின் வளர்ச்சிக்கு உறுதுணை செய்வது மொழியே என்பதனை இலக்கிய மேற்கோள்களைக் கொண்டு எடுத்துரைத்தார். நிகழ்ச்சியின் நிறைவாக உதவிப்பேராசிரியர் முனைவர். சார்லஸ் அவர்கள் நன்றியுரை கூறினார். உதவிப்பேராசிரியர் முனைவர் ஆ.இராஜலெட்சுமி அவர்கள் நிகழ்ச்சியினைத் தொகுத்து வழங்கினார்.



## உ.வே.சாமிநாதையர் தமிழ்ப்பேரவை நிறைவு விழா

நமது கல்லூரித் தமிழாய்வுத்துறையின் உ.வே.சாமிநாதையர் தமிழ்ப்பேரவை நிறைவு விழா 25-03-2019 அன்று நடைபெற்றது. இந்நிகழ்ச்சிக்கு கல்லூரியின் முதல்வர் முனைவர் இரா. சுந்தரராமன் தலைமை தாங்கினார். நிகழ்ச்சியில் திருச்சிராப்பள்ளி பெரியார் ஈ.வெ.ரா. கல்லூரித் தமிழாய்வுத்துறையின் இணைப்பேராசிரியர் முனைவர் ப. வெங்கடேசன், 'தனிப்பாடல்களில் நயமும் சிந்தனையும்' என்னும் தலைப்பில் சிறப்புச் சொற்பொழிவு ஆற்றினார். அவர் தம் உரையில், உ.வே.சாமிநாதையரின் ஒப்பில்லாத தமிழ்ப்பணி, தனிப்பாடல்களின் பரப்பு, ஓசைநயம், அணிநலம், புலமை உத்திகள் குறித்துப் பேசினார். மேலும், கட்டற்ற ஊடக மோகங்களில் இளைஞர்கள் வீண்பொழுது கழிக்காமல், பயனுள்ள இலக்கியப் பாடல்களைப் பயில வேண்டும் என வலியுறுத்தினார். இனிய பாடல்களை மனப்பாடம் செய்ய வேண்டியதன் அவசியத்தையும் எடுத்துரைத்தார். முன்னதாகக் கல்லூரியின் கலைப்புல முதன்மையரும் தமிழாய்வுத்துறைத் தலைவருமான முனைவர் ச. ஈஸ்வரன் வரவேற்புரை ஆற்றி, உ.வே.சாமிநாதையர் தமிழ்ப்பேரவையின் துணைத்தலைவர் முனைவர் சி. காந்தி இந்நிகழ்ச்சியை ஒருங்கிணைத்து நிறைவாக நன்றி கூறினார்.

## Zoology Association

The Zoology Association organized the Lecture series on 20.12.18. J. Lavanya of II B.Sc., Zoology welcomed the gathering. Dr. R. Sundararaman, Principal of the College, gave the Presidential address. The Chief Guest **Mr. K. Jeremiah Kirubananth, Assistant Professor, Bishop Heber College, Trichy**, delivered a lecture on the topic "Scenario of Phermone Technology". He explained the basics



of senses and how our brain responds to particular stimuli i.e. per minute our brain can take 50,000 decisions. He also described different courtship behaviours in various animals. He put in plain words the different types of pheromones, both the releaser and the primers and their role in inter and intraspecific relationship among animals. The second lecture was by **Dr. Kamalakannan, Assistant Professor, Bishop Heber College, Trichy** on the topic "Obesogen a 21<sup>st</sup> Threat and Beyond". He said, "Obesogens are the chemical substances present in our food, environment and in most of our consumer products." He explained the process of proliferation of adipocytes, how these obesogens were



changing our physiological pathway in humans. He finally advised the students to save the environment or else the environment would never forgive us. Aishwarya of I B.Sc., Zoology proposed a vote of thanks.

## Aquarium Entrepreneurship

The Postgraduate and Research Department of Zoology of our College organized a presentation on 21.12.18 on the topic "Aquarium Entrepreneurship". J. Lavanya of II B.Sc., Zoology welcomed the gathering. Dr. R. Sundararaman, Principal of the College gave the Presidential address. The Chief Guest **Mr. V. Suresh, Vasantha Aquarium, Tennur, Trichy** explained the basis of aquarium setting and its types. He also described the variety of marine and fresh water fishes that can be cultured for various



purposes. He also explained how to set outdoor aqua farms and indoor aquariums and the safety measures, parameters required, ensuring the survival of fish in tanks. In addition, he elucidated the various common fish diseases caused by fungus and bacterial species. He motivated the students to become entrepreneurs with a minimum investment of rupees 2,00,000 lakhs. He also demonstrated how to set a typical aquarium tank; the students enjoyed the session very much. Mr.A.Anandhan of III B.Sc., Zoology proposed a vote of thanks.

## SPORTS

### Leadership Training

The students of the Department of Physical Education and Sports Sciences and the NSS Unit of our College, had a lively interaction with an eight member





German team, headed by **Mr. Wilfred John** on the theme "Team Building". The team also staged the traditional dance of Cologne, a city in Germany, for the gathering on the 25<sup>th</sup> of January, 2019.

### Annual Day and Awards Ceremony

The Annual Day and Awards Ceremony for the Centenary Year of the Postgraduate and Research Department of Physical Education and Sports Sciences was held at the Hotel Ramyas on the 3rd of April, 2019. In the event presided over by our college Secretary, students of the Department were honoured for their achievements by the



distinguished guests from different fields. The audiovisuals screened for the audience gave a glimpse of all the 62 events organised by the department during the academic year 2018-19.

### No Plastic

Our beloved Secretary along with the Principal spearheaded the 'No Plastic' campaign on the 15<sup>th</sup> of



February, 2019. In the anti- polythene & plastic bags campaign, the students of NSS & the Research Department of Physical Education and Sports Sciences joined hands with the activists and pledged their support for the cause.

## NCC

### NCC AIR WING - AIRFEST 19

The NCC Air Wing conducted an Inter College competition by the name AIRFEST'19, as a part of the Centenary year celebrations, on 27.01.2019. 250 Airwing cadets from 8 colleges in and around Trichy took part in competitions such as Drill, Best Cadet, Flag Area, Cricket, Throw Ball, Relay and Group dance. Fg. Offr. Dr. R. Suresh Kumar, B2 Flight Commander of the college, hoisted the NCC Flag at 6.30 AM to mark the beginning of the competitions.

**Col. R. Sivanathan, Group Commander, Rock Fort Group, Trichy** was the Chief Guest for the Valedictory function and he was received with a Guard of Honor in the



evening. Dr. R. Sundararaman, Principal of the College, and Dr. K. Anbarasu, Director of Studies, felicitated the Cadets and the former said "Our College Airwing is performing well with social interest and is set to see new milestones soon." "For the first time in India, such an inter college competition is being organized exclusively for Air Wing Cadets, a pride moment indeed!" said Col. R. Sivanathan, the Chief Guest. The event successfully ended with prize distribution. Bishop Heber College won the overall winner trophy and Holy Cross College won the runners trophy. Earlier, Fg. Offr. Dr. R. Suresh Kumar, B2 Flight Commander of the college welcomed the gathering. Cadet Under Officer V. Ragul proposed a vote of thanks.

### Blood Donor's Directory Supplement 2019

The B2 Flight of NCC Air Wing released the Blood Donor's Directory supplement of this year in association with Rotary Club of Cauvery on 09.04.2019. **Mr. B. Karthikeyan, President, Rotary Club of Cauvery & Proprietor, Kumar Industries** released the directory and the first copy was received by the Guest of Honor Wing Commander C. Gunasekaran, Commanding Officer, 3 (TN) Air Sqn (Tech) NCC, Trichy. Dr.R. Sundararaman, Principal, gave the



Presidential address. The Chief Guest Mr. B. Karthikeyan in his address said that he was happy that our College and The Rotary Club of Cauvery had joined hands for a social cause during the centenary year of the college and motivated the cadets to do social services for the betterment of the society. The Guest of Honor **Wing Commander C. Gunasekaran** in his address highlighted the role of NCC in social service



providing safe drinking water. He told the students to take active part in propagating the need to collect rainwater.

### Winners Day

NCC army wing organized the Winners Day -19 on 16-03-2019 for NCC Cadets. 400 cadets from 10 Colleges participated in the Winners day programme. **Deputy Commissioner of Police, Trichy City, Mr.Mylvaganan** delivered the Chief Guest address.



activities and appreciated the B2 Flight wing of the College, for doing their part with utmost sincerity. Earlier Flying Officer Dr. R. Suresh Kumar, B2 Flight Commander, welcomed the gathering.

### Blood Donation

The B2 Flight of our college had organized a blood donation camp in the campus on 22/12/2018 in association with Kali blood bank, Tanjore. The camp was inaugurated by



NSS

### இரத்த தான முகாம்

நமது கல்லூரி நாட்டு நலப்பணித்திட்டம் மற்றும் திருச்சி லயன்ஸ் கிளப் சார்பில் இரத்த தான முகாம் 20.02.2019 அன்று நடைபெற்றது. தானங்களிலேயே சிறந்த தானம் இரத்த தானம். ஒருவர் விபத்தில் அடிபட்டாலோ உடனடியாக தேவைப்படுவது இந்த இரத்த தானம். அப்பேற்பட்ட இரத்த தானத்தை நமது கல்லூரியின் நாட்டு



the Principal Dr. R. Sundararaman. On this occasion, he released the B2 FLIGHT logo designed by the cadets. In his Chief Guest address, the Principal appreciated the efforts taken by the Cadets of Air Wing in social service activities and expressed his warm approval and admiration for the Logo. 78 students of our college participated and donated blood during the camp.

### World Water Day

The 4(TN) Girls Bn NCC of our college organized the World Water Day on 22-03-2019. 25 cadets and 80 students participated. The Principal of our college addressed the gathering and explained the importance of saving water and





நலப்பணித் திட்டம் மற்றும் லயன்ஸ் கிளப் ஆகியோர் இணைந்து முகாமை ஒருங்கிணைத்தனர். முகாமினை கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் அவர்கள் தொடங்கி வைத்து இரத்த தானத்தைப் பற்றி சிறப்புரை ஆற்றினார். அதனைத்தொடர்ந்து லயன்ஸ் கிளப் தலைவர் **Lion. சுவாதி குணசீலன்** அவர்கள் சிறப்புரை ஆற்றினார். ஏராளமான மாணவர்கள் கலந்து கொண்டு இரத்தம் அளித்தனர். இரத்தம் கொடுத்த மாணவர்களுக்கு பழங்கள் பழச்சாறு மற்றும் சான்றிதழ்கள் வழங்கப்பட்டன.

### சிறப்பு முகாம்

16.03.2019 அன்று சிறப்பு முகாம் இனிதே தொடங்கியது. கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் முகாமை தொடங்கி வைத்து முகாமின் நோக்கம் குறித்து சிறப்புரையாற்றினார்

17.03.2019 அன்று இனியானூர் சமுதாயக்கூடம் மற்றும் அதனைச் சுற்றியுள்ள வளாகம் தூய்மையாக கப்பட்டது. மேலும் அங்குள்ள கருவேல மரங்கள் அகற்றப்பட்டன. பிற்பகல் பாரதிதாசன் பல்கலைக்கழக நாட்டு நலப்பணித்திட்ட ஒருங்கிணைப்பாளர் முனைவர் லெட்சுமிபிரபா அவர்கள் சிறப்பு விருந்தினராக பங்கேற்று மாணவர்களிடையே தன்னம்பிக்கை மற்றும் முயற்சி குறித்து சிறப்புரை நிகழ்த்தினார்.



18.03.2019 அன்று **JCI பயிற்றுனர் திரு ஜெயச்சந்திரன்** சிறப்பு விருந்தினராய் பங்கேற்று “இலக்கு நிர்ணயம்” என்ற பொருளில் சிறப்புரை நிகழ்த்தினார். சோர்வடையாமல் போராடி வாழ்வின் இலக்கினை அடைவதற்கான வழிகள் குறித்து விளக்கினார். அன்று மாலை இனியானூர் குழுமாயி அம்மன் கோவில் கோபுரம் மற்றும் வளாகம் தூய்மை செய்யப்பட்டு உழவாரப் பணி மேற்கொள்ளப்பட்டது.

19.03.2019 அன்று மருத்துவர் **இராஜா(ஜெயரங்கா மருத்துவமனை மற்றும் யோகா ஆராய்ச்சி மையம்)** அவர்கள் சிறப்பு விருந்தினராக பங்கேற்று பலவேறு நோய்கள் குறித்தும் அவை வராமல் தடுப்பதற்கான வழிகள் குறித்தும் யோகக் கலையின் சில பயிற்சிகள் குறித்தும் சிறப்புடன் செய்முறை வடிவில் விளக்கினார். அன்று மாலை இனியானூர் தொடக்கப்பள்ளியின் வளாகத்தில் தூய்மைப்பணி நடைபெற்றது. குழந்தைகளுக்கான குடிநீர் தொட்டியும் சுத்தம் செய்து தரப்பட்டது.

20.03.2019 அன்று JCI **பயிற்றுனர் விஜயமித்ரா** சிறப்பு

விருந்தினராகப் பங்கேற்று தன்னம்பிக்கைச் சொற்பொழிவு நிகழ்த்தினார். உடலும் மனமும் சோர்வடையாமல் இருக்க செய்ய வேண்டுவன குறித்து விளக்கினார். இதே நாளில் II BCA Aபிரிவைச் சேர்ந்த மாணவர் A. ராஜேஸ் கண்ணன் திருச்சி அரசு மருத்துவமனையில் உயிருக்குப் போராடிய ஒருவருக்க இரத்ததானம் வழங்கினார்.

21.03.2019 அன்று **புனித ஜான் ஆம்புலன்ஸ் நிறுவனத்தைச் சார்ந்த தேசிய அளவிலான பயிற்றுநர் திரு. இராதாகிருஷ்ணன்** அவர்கள் முதல்தவி மற்றும் பேரிடர் காலங்களில் மேற்கொள்ள வேண்டிய தற்காப்பு நடவடிக்கைகள் குறித்து விளக்கினார். மாலை நாச்சிக்குறிச்சி கோவில் வளாகம் தூய்மை செய்யப்பட்டது. கோவில் வளாகம் அருகில் உள்ள தண்ணீர் பிடிக்கும் இடங்களும் சுத்தம் செய்யப்பட்டது.

22.03.2019 அன்று நிறைவுவிழா சிறப்பாக நடைபெற்றது. அன்று காலை உடலுறுப்பு தானம் குறித்த சிறப்பு விழிப்புணர்வு பேரணி சிறப்பாக நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் பேரணியை துவக்கி வைத்து சிறப்புரையாற்றினார். III B.Com மாணவர் P. மணிகண்டன் மற்றும் III B.Sc Maths. N. ராஜசேகரன் ஆகிய இருவருக்கும் சிறந்த நாட்டு நலப்பணித் திட்ட தொண்டர்களுக்கான விருது வழங்கி சிறப்பிக்கப்பட்டது.

ஒவ்வொரு நாளும் இரவு உணவிற்குப் பிறகு மாணவர்களின் தனித்திறன்களை வளர்க்கும் வண்ணம் பேச்சு கவிதை நினைவாற்றல் குழு நாடகம் பட்டிமன்றம் முதலிய நிகழ்வுகள் நடைபெற்றன.

### Entrepreneurial Development Cell

Entrepreneurial Development Institute of India and our College Entrepreneurial Development Cell jointly organized the Three day Entrepreneurial Awareness Camp with the help of DST financial aid on 07.12.2018. Dr.R.Sundararaman, Principal, presided over the function. Prof.M.Rajavelayutham, Department of B.Com(CA), welcomed the gathering. Chief Guest **Sri.J.Leo Anand, Managing Director, Equatrika Software(Pvt.) Ltd., Tiruchirappalli**, in his speech said, “ If the students are to get any job, only they will reap the benefits. If they are entrepreneurs, they can generate employment for many people. Also an entrepreneur must get 3 Ps, which are people



product and paisa, correct.” **Sri. R.Murugavel Ravishankar, Managing Director, Cauvery Super**



**Market(Pvt) Ltd., Tiruchirappalli** participated as the guest of honour and shared his experiences and the strategies for success. He claimed that positive thinking,



backed up by strong will to succeed, would bring innumerable benefits in business. "There are various types of entrepreneurs. Whenever one gets an opportunity one should use it to one's advantage," he said. He encouraged the students in many ways. Finally, Prof.R.Natarajan, Department of B.B.A., proposed a vote of thanks.

On the second day 08/12/2018, 80 students participated and learned the practical procedures and the executing methods from the Five Star Industries located in the Trichy Industrial Estate region. **Sri.Kabeer, General Manager**, interacted with our students and clarified the doubts of the student community.

On the third day 09/12/2018 **Dr.Karthikeyan, Assistant Professor, Department of Management Studies, Saranathan College of Engineering, Tiruchirappalli** spoke on the topic "What are the things need to be done by an entrepreneur?" In his speech, he informed



the students about the skills necessary for a successful entrepreneur and with suitable examples showed how these entrepreneurs changed everything about their work culture, product output and profits. The valedictory function was presided over by Dr.A.T.Ravichandran, Vice-Principal of the College. Prof.M.Rajavelayutham, Department of B.Com(CA), welcomed the gathering. Dr. P.S.S. Akila Shri, Vice-Principal (UAP) felicitated the gathering.

The Chief Guest **Sri.M.Somasundaram, Managing Director, Amman Steels Pvt. Ltd.,**

**Tiruchirappalli**, in his speech highlighted a few points related to work ethics-"We will get the right value from hard work and dedication only. If one wants to be an entrepreneur, one must have that inner drive and should not change one's target even in the face of defeat. In the first place one must have a plan of one's own and thereafter one should form a group and get a clear idea about business. It is not easy to be an entrepreneur in this competitive world. Do not hesitate when you come across obstacles or stumbling blocks. Be



innovative and see the customer's needs in terms of goods and money." All those who participated in the Three day Programme were given certificates. Prof.R.Natarajan, department of B.B.A proposed a vote of thanks.

### Rotaract

Rotaract Club of our Collge organised "Dexterity" Zonal Forum on the 5<sup>th</sup> of January 2019. Principal Dr. R. Sundararaman presided over the function. In his Presidential Address, he requested the rotractors to use this forum and training programme to develop their personal traits. In the inaugural speech, Chief Guest, **Rtn. K. Uma Shankar**, spoke on Soft Skill Development and motivated the participants to become an employer rather than an employee and encouraged them to achieve everything during the young age itself. Secretary Shri K. Raghunathan, Dr. K. Anbarasu,



Director of Studies, Dr. A.T. Ravichandran and Dr. PSS Akilashri, Vice Principals and Dr. Nandagopalan, Controller of Examinations of our College felicitated the organizers and the participants.



Prof. V. Sri Ramachandran, Assistant Professor, Department of English of our College spoke on the title 'Dexterity'. There was a cultural event staged by our College students. The District Rotaract Representative visited and audited the club activities. **Mr. Mayavaram Sivaraman Charan** an inspirational trainer was the Chief Guest for the valediction. In his valedictory address, he motivated the students and distributed the certificates and mementos to the participants. In his speech, he drew the attention of the rotracters to those who were in need of food and shelter in their locality and told them to be alert to render help to them. He further asked them to maintain a good relation with their parental club so that it could be helpful in getting the necessary sponsorship for their projects. He said, "Life is not about living with what you have! It's all about living with what remains after you have given to the poor and needy . . . A good leader inspires people and directs them towards creating a good society."

Rotractors Vikranth Karmegan, District Rotaract committee Chairman, Rtn. Bata G. Gopala Krishnan, President Rotary club of Tiruchirappalli and Rtn. Sethuraman, President Elect Rotary Club of Tiruchirappalli, and Rtn. Harish Varshan District Rotaract Representative Elect were also present on the occasion. Rtr. R. Lokesh kumar, District Rotaract representative, Rtr. B. Azeez Chairman of the Event 'Dexterity, Rtr. V. Shakthi Assistance, District Rotaract Representative, Rtr. S. Sri ram, Secretary of the event 'Dexterity', and Dr. R. Thrugnanasoundari, staff advisor and prof. V. Sri Ramachandran Staff Coordinator organized the event.

### Project : "You are My Hero!!!"

This project was conducted on 15-3-2019 on the basis of Road Safety Measurements. A text logo "You are My Hero" was created and made into a helmet sticker. This sticker was fixed on the helmet of the people who wore it at the time of driving. Another text logo, "Take care of your



Family" was also created and pasted on the two-wheelers of the persons those who didn't wear helmet at the time of driving. The project was initiated by Dr.R.Sundaraman, Principal of our College, and executed by Mr.B. Azeez, the Chairman, with the active support of rotracters and the staff co-ordinator Dr. Thirugnana Soundari.

### Red Ribbon Club

Red Ribbon Club of our College organized a meeting on the 13<sup>th</sup> of February 2019. **Dr. P.T. Krishna Moorthi, District Psychiatrist, Office of the Joint Director, Health Services, Tiruchirappalli**, was the Chief Guest who delivered a talk on "Vazhkai Vaalvatharkae." His talk focused on giving utmost importance to life. He thoroughly explained the origin



of HIV infection and the nature of job done among people who were mostly affected by this epidemic disease, HIV. In the course of his speech he mentioned that in the whole country Tamil Nadu was the least HIV affected state compared to our neighboring states. He also explained clearly the mode of transmission of HIV among people. This meeting helped the students to develop a strong awareness about HIV and also encouraged the students to lend a helping hand to those HIV affected People. Dr. R. Sundaraman, Principal, presided over the function. Dr. V. Renuga, RRC Coordinator welcomed the gathering and Mr. S. Balamurali of II B.Sc (Chemistry) proposed a vote of thanks.

### Junior Jaycee Wing

Junior Jaycee Wing, of our College organised a training programme titled "Group Dynamics" for Junior Jaycees members on 23.03.2019. Students from various departments participated in the training programme. The training programme started with the Tenth Installation function. The programme was initiated by our Ex-President JC Surya Prakash. The creed was invoked by M. Akilandeswari. Ex.President JC Surya Prakash welcomed the gathering. The presidential address was given by our Principal Dr. R.Sundaraman. In his speech, he emphasized the importance of Jaycees Junior Wing and encouraged the students to participate in such programmes and learn the Leadership Qualities. Ms. S.Prasanna Devi, Assistant Professor and Head of the Department of Hindi and also the co-coordinator of Junior Jaycees Wing offered her felicitations.

The Chief Guest **JC.R.Stephen Elango, Past Zone President, Zone XXIII, JCI India** delivered the Inaugural Address and motivated the members by posing two questions i) How to create an opportunity by yourself? ii) How to be a sincere person? By narrating a true incident and his own life experience, he captivated the students' attention. In his



motivational talk, he narrated an incident from Mahatma Gandhi's life as mentioned in his biography. "When Gandhi was in London, one day his senior Lawyer asked him to get a hearing for his case. First time in the court he had to say only one sentence 'Kindly acknowledge this case to pass over.' He was feeling quite nervous about uttering those few words in that case but later he became a great leader and inspired many people by his timeless quotes. So when opportunity knocks at your door, please get rid of your fear and be open for change in your career," he said. He also narrated a true incident from the life of Sivaji Ganesan, a great cine actor. "Long ago when he was working as a junior artist in a drama company in Erode, the actor who played the role of hero of the drama didn't turn up. The director and the producer of the play started searching earnestly for someone who would



essay the main role. Ganesan, the junior artist in the drama company came forward and spoke the whole dialogue of the Maratha warrior King, Chatrapathi Shivaji, without any mistake and impressed everybody. Thereafter he was called "Sivaji Ganesan" instead of Ganesan by Thanthai Periyar." Mr.Elango told the gathering to discover their special talents and capabilities, and also nourish the good qualities within them.

**JC.HGF.R.Ragesh, President, JCI Rocktown, Trichy**, felicitated the office bearers and the organizers. In his address, he described the functioning of the Junior Wing to the members. He impressed upon them how it had to play a pivotal role in providing good leaders and leadership qualities. In this programme R.Vetrivel II B.Com was selected as the New President for this year 2019-2020. Installation of the President and the Governing Board Members were done by JC.HGF.Ragesh,President,JCI Rocktown,Trichy. Prof. S.Prasanna Devi, Assistant Professor, Department of Hindi and Co-ordinator of Junior JCI wing organized the programme. Members of the faculty and the members of the JCI wing graced the occasion.

### **One Day Training Programme for Office Bearers of NSS, JCI and Rotract**

NSS, JCI and Rotract of our College jointly organized a one day training programme called "21st Century Skills" for the office bearers on the 11<sup>th</sup> of March 2019. Principal Dr. R. Sundararaman inaugurated the programme and motivated

the students to participate in such programmes to develop their employability skills. JCI National level trainer **Mr. Prince Raheluath Raja** was the resource person for the training programme. He addressed the students on



developing skill sets like people skills, communication skills, soft skills, hard skills, career skills and above all life skills in order to survive in this world happily. He said that many people believed that money would fetch everything that they needed in this world. Similarly, our talents would fetch the goals of our life. He told them to have a time plan and nurture their talents carefully and realize them methodically in order to be known as successful individuals.

### **Gender Club**

The "Gender Club" meeting was held on 27<sup>th</sup> February 2019. Dr.P.S.S.Akilashri Vice-Principal(UAP) and Coordinator - Gender Club welcomed the gathering. Dr.R.Sundararaman, Principal, delivered the Presidential address. Dr.V.Nandagopalan, Controller of Examinations, felicitated the gathering. **Dr.Annamalai Periannan,HOD, Emergency Medicine, Apollo Speciality Hospital, Trichy**, was invited as the Chief Guest of the function. He spoke on the topic "Basic Life Support". In his speech he claimed, "Now-a-days, teenagers are very commonly



addicted to drugs and alcohol. It leads to serious consequences. It also contributes to physical and sexual aggressions. Repeated and regular recreational substance abuse can lead to other problems like anxiety or depression or a lack of positive social skills. Many of the affected teenagers may change their activities which would affect their academic performance. Other noticeable behavioural



changes like change in groups of friends, delinquent behavior and deterioration in family relationships are common among them. There may also be physical signs such as red eyes, persistent cough, and change in eating and sleeping habits. Alcohol or drug dependency may include blackouts, withdrawal symptoms, and further problems in functioning at home, school, or work”.

He spoke at some length on first-aid actions and also heart attack and its preventions: “Heart attack occurs when blood flow decreases or stops to a part of the heart, causing damage to the heart muscle. The most common symptom is chest pain or discomfort which may spread to the shoulder, arm, back, neck, or jaw. Often it occurs in the center or left side of the chest and lasts for more than a few minutes. The discomfort may occasionally feel like heartburn. Other symptoms may include shortness of breath, nausea, feeling faint, breaking into a cold sweat, or feeling tired. There is a large crossover between the lifestyle and activity recommendations to prevent a myocardial infarction. Lifestyle changes may be adopted as secondary prevention after an initial myocardial infarction because of shared risk factors with an aim to reduce atherosclerosis affecting heart vessels”. The vote of thanks was delivered by S.Mothilal, III BCA.

### Placement Cell

The Placement cell of our College, organised a function called “JOB OFFER DAY” on 10.04.2019 to distribute job offer letters to students from various departments selected by organizations like Infoview, UV Infotech, Wipro, L&T Construction, SKN Organics, City Union Bank, Duruva Finance, RSMIL, and 29 other companies from all over India. Dr.R.Sundararaman, Principal presided over the function. In his Presidential address he emphasized the importance of recruitment for the students. “Instead of the students searching for jobs, the jobs come searching for them,” he said. The Chief Guest **Mr. A.R.Syed Arif, Chairman, CII Trichy Zone, Managing Partner, Five Star Industries, Tiruchirappalli**, distributed the Job Offer Letters to the selected Candidates and motivated the students to achieve



their career goals in future. He told the students to take steps to improve their prospects in their hired companies by dint of their merit.



**Mr. Meyyappan Natarajan, Managing Director of Top Freshers Team, Chennai**, addressed the gathering and told the students how to bring out their hidden potentials and latent talents in a creative manner, taking into account the working environment. Ms. A.Sasikala, Placement Officer, proposed a vote of thanks.

### Library

SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) awareness programme for the Postgraduate students was held on 07.02.2019 (Thursday) at the Learning Resource Centre of our College. Dr. T.V. Sundar, Associate Professor of Physics, welcomed the gathering. The Principal Dr.R.Sundararaman presided over the function. He explained the various advantages of using Digital Library. The Chief Guest **Dr.A. Senthamil Selvi, Librarian and Head of the Library Science Department, Holy Cross College, Trichy**, explained the applications of SWAYAM to the students. Shri. K. Raghunathan, Secretary of our College,



dedicated the SWAYAM application section for the benefit of the students. The Library Committee members and Library Staff members participated in this Programme. The College Librarian Dr.T.Suresh Kumar proposed a vote of thanks.

### புத்தக கண்காட்சி

நமது கல்லூரி நூலகத்துறை சார்பில் புத்தக கண்காட்சி மற்றும் விற்பனை தொடக்க விழா மார்ச்-27, 2019 அன்று தொடங்கியது. கல்லூரி செயலாளர் ரகுநாதன் கண்காட்சியை தொடங்கி வைத்தார். கல்லூரி முதல்வர் சுந்தரராமன் புத்தக விற்பனையை தொடங்கி வைத்தார். முன்னாள் நூலகர் Dr.P.ராகவன் மற்றும் பலர்



கலந்துகொண்டனர். கண்காட்சியில் மொழி, இலக்கியம், வரலாறு, வணிகம், அறிவியல், பொது அறிவு உள்ளிட்ட அனைத்து வகை நூல்களும் விற்பனைக்கு வைக்கப்பட்டது.



அனைத்து வகை நூல்களுக்கும் 20 சதவீதம் வரை தள்ளுபடி அளிக்கப்படுகிறது. புத்தக கண்காட்சி மார்ச் 28-ம் தேதி மாலை 6.30 மணி வரை புத்தக கண்காட்சிநடைபெறும். புத்தக கண்காட்சி ஏற்பாடுகள் அனைத்தும் கல்லூரி நூலகர் இச.வு. சுரே்குமார் மற்றும் அனைத்து நூலக அலுவலர்களும் ஏற்பாடு செய்திருந்தனர்.

### Library Day

Our college celebrated the annual library day on the 4<sup>th</sup> of April 2019. The former librarian of our college Dr. P. Raghavan welcomed the gathering. He listed out the facilities available in the library and noted that the management awards prizes to active library users, to encourage efficient use of library resources. The principal of the college, Dr.R.Sundararaman presided over the event. He observed that reading was a matchless pleasure and once the students experienced the joy of it they would get addicted to it.

The Chief Guest, **Dr. V.Nandagopalan, Controller of Examinations of the College**, observed: "Education and wisdom have been highly valued by the Tamil society since



time immemorial. Our literary giants like Tiruvalluar, Kambar and Avvai mince no words in describing the uneducated as boors and fools. Avvai advises to seek education even by resorting to begging. In the context of providing knowledge, libraries stand out as shining temples. A library bestows all marvelous things like knowledge, inspiration, solace, joy, health, comfort, peace and prosperity on the seeker through books on a variety of subjects. The books in the library open

the gates of paradise. It is for the students to tap this resource and enrich their lives." Sri. K. Raghunathan, the Secretary of our College, offered facilitations and distributed prizes to active library users. Dr.T. Sureshkumar, Librarian of the College, proposed a vote of thanks.

### Boys' Hostel

Our College Boys' Hostel Day celebrations were held on 10<sup>th</sup> March 2019. Our College Secretary Shri K. Rahunathan and College Principal Dr. R.Sundararaman and Director of Studies Dr. K. Anbarasu graced the occasion by their presence. The Chief Guest **Kalaimamani Delhi Ganesh, Film Actor**, gave a speech loaded with humour and inspirational anecdotes. The students were greatly



motivated in various ways and they learned life skills necessary for their future life and also their social responsibilities. Our college controller of examination, Vice principals, and many faculty members from various Departments also witnessed the Hostel day function. Many cultural events like drama, dance, solo songs were performed by our hostel inmates. Winners and runners of various sports events and fun games received the prizes from the Chief Guest. Dr. S.P. Anand, the Deputy Warden, A. Kumar and S. Sivaprakasam and S. Thangaraj, Assistant wardens - organized this programme in an orderly and elegant manner. Six hundred and ten students participated in the celebrations and enjoyed the bonhomie.

### Women's Hostel

National Girl Child Day is celebrated every year on the 24<sup>th</sup> of January. The residents of Women's hostel celebrated National Girl Child day. The Chief Guest was **Dr. S. Eswaran, Head of the Department of Tamil of our College**. Our College Principal Dr. R. Sundararaman, Controller of Examinations Dr. V. Nandagopalan, and Dr. S.P. Anand, Deputy Warden of Boys Hostel also took part in the lecture programme. The Chief guest Dr. S. Eswaran spoke under the title of "Penniyam Pesugiren". He initially praised the beauty of Tamil language which is his mother tongue and then the Girl child who is always at the mercy of the society. He recalled the measures taken to protect the girls, right from their infant stage and the many problems faced by them. He claimed that the society was responsible for the welfare of



girls at every stage and also of their honour and safety. He gave friendly advice to the students and raised awareness



about the rights of girls. He told them that the society should accord the girls equal status, equal rights, equal education and equal wages. Mrs K. Mahalakshmi, the Deputy Warden, organized this programme.

### Special Lecture

A special lecture was organized for the residents of the women's hostel on the 21<sup>st</sup> of February 2019. The guest of honour was **Dr. K. Bhuvaneshwari, Department of Tamil**, of our College. Her speech had the title "Ellam Inbamayam" Our College principal Dr. R. Sundararaman and



faculty members participated. The main purpose of the lecture was to illustrate the fact the world was a place surrounded by ersatz pleasure and fake friendship which was not realized by adolescent youths. She brought to light the value of real pleasure by her jovial speech. She said, "Life is not much easier; when we face issues and more and more problems, we develop adaptability and toughness and life becomes easier. Students must develop mental equipoise and the ability to accept things in a sportive manner. Besides they should imbibe qualities like kindness and forgiveness." In-between her speech, she told some stories which were illustrative of her moral message. Mrs K. Mahalakshmi, the Deputy Warden, organized this programme.

### Women's Hostel Day

The Women's Hostel Day was celebrated on the 9<sup>th</sup> of March 2019. Our College Principal R.Sundararaman and the Controller of Examinations Dr. V. Nandagopalan were present during the celebration. The Chief Guest

**Dr. N. Seshadri** gave the Hostel Day address in his inimitable style. "Penendru Boomithanil Pirendhuvittal" was the title of his speech. He advised the girls with a great sense of humor. He kept the students absolutely enthralled by his power of speech and singing spirit. He sang 5 to 6 songs for the purpose of explaining the present status of women in the society. Our college faculty members from various Departments also witnessed the Hostel day function. Many



cultural events like drama, dance, and solo songs were performed by our hostel residents. The winners of various competitions and fun games received the prizes from the chief guest. Mrs K. Mahalakshmi, the Deputy Warden and Dr. G. Priya, the Assistant Warden organized this programme in a meticulous and elegant manner. Nearly 220 students took part in the celebrations with gusto.

### International Women's Day

International Women's Day was celebrated on 08.03.2019. Dr. Manju Somanath, the co-ordinator and her team facilitated the celebrations. **Tmt. N.S. Nisha IPS, Deputy Commissioner of Police (Law and Order), Tiruchirappalli**, the Chief Guest of the function, motivated the girls to dream big and face the odds



and challenges independently in life. Her speech punctuated by anecdotes inspired the girls. Dr.P.S.S.Akila Shri, Vice-Principal (UAP) welcomed the gathering. Dr. R. Sundararaman, Principal, delivered the Presidential Address. Secretary of the College, Thiru K.Raghunathan honoured the Chief Guest. The Chief Guest honoured the woman achievers and distributed prizes to the winners of the various events held on 7<sup>th</sup> and 8<sup>th</sup> March 2019.



## NATURUS

A Grand Cultural Festival was jointly organized on 25-01-19 with the title NATURUS 2019 to commemorate the Centenary of our College and Golden Jubilee of Urumu Dhanalakshmi College, (Estb. 1970), Tiruchirappali. **Shri. N. Ravichandran, Special Officer and Commissioner, Tiruchirappalli City Corporation** was the Chief Guest. In his address, he motivated the students to continue such joint activity to enhance their skills and appreciated the



management and staff of both the colleges for arranging such a gala event on a grand scale.

**Miss. G. Kuhasini**, playback singer and television actor, was the special guest. She made everyone sway to the dance beats and her infectious enthusiasm touched the right chord among the audience. Dr. R. Sundararaman, Principal of



our College, Dr. D. Christy Selvarani, Principal, Urumu Dhanalakshmi College, Trichy, Shri. K. Raghunathan, Secretary of our College and Shri. K. Ramakrishnan, Secretary, Urumu Dhanalakshmi College, felicitated the organizers of the event. After the celebrity's spirited talk, Bharathanatyam, Western Dance, Mime, folk dance, mimicry, English drama, Silambam and Magic Show were performed by the students of both the colleges.

## Outcome Based Education

For many years now colleges and universities have been revamping their curriculum to suit the needs of the learners. As per the UGC guidelines these higher education institutions across the country have introduced Choice Based Credit System. However, Outcome Based Education has

become a focal point ever since UGC introduced the terminology. OBE as it is called, simply paves way for the establishment of expected goals or outcomes for different levels of education. Pertaining to our curriculum, it stresses on the realization of objectives or the expected outcomes both at programme level and at course level. Thus the change in the curriculum design has become the new imperative for all.

Ensuing a curriculum change in the forthcoming academic year (2019-2020) and to comply with the UGC's mandate to follow Outcome Based Education, the Internal Quality Assurance Cell (IQAC) organized a deliberation on "Outcome Based Education" to benefit all the teaching fraternity of the College. **Dr. K. Karthikeyan, Associate Professor of Commerce, Dean and Controller of Examinations, Vivekananda College (Autonomous), Madurai** was invited to talk about OBE on 14.03.2019. He made a lucid presentation on various aspects of understanding the system and implementing it. The lecture helped the faculty to orient themselves towards the goals and objectives of OBE and steps to implement it.



Dr. Karthikeyan started his presentation with a background of the need for academic institutions to undergo this change under OBE, and progressively introduced the faculty to the nuances of it. He explained all the jargons of OBE such as Programme Objective (PO), Programme Specific Objective (PSO), Course objectives (CO) etc. with suitable examples. He also presented the model curriculum for a few Degree Programmes that they had introduced in their institution for the understanding of the faculty. The members of the teaching faculty from all the departments of the College attended the event and actively participated in the discussion as they had to implement it the forthcoming curriculum revision. Earlier, Dr. R. Sundararaman, Principal of the College, welcomed the gathering and introduced the resource person Dr. K. Karthikeyan. Dr. M.S. Mohamed Jaabir, Co-ordinator, IQAC, proposed a vote of thanks.

## MOU

It was a happy Thursday (03.01.2019) morning at our College, as the institution geared up for strengthening the understanding between the college and the ICSI.



The Principal of the College, Dr.R.Sundararaman welcomed the gathering. CS Ramakrishna Gupta was honoured by the College Secretary Shri.K. Raghunathan. The Deputy Director of the ICSI institution CS.Chithra was honoured by the Principal with a memento and CS.Sreedharan was honoured by Dr.K.Kumar Director NCT-ICSI Study Center.

Our College signed a Memorandum of Understanding with ICSI. Dr.R.Sundararaman Principal NCT signed a MOU with CS Ramakrishna Gupta. The guest was introduced by Ms. Durga. **CS. Ramakrishna Gupta, Chairman, ICSI** explained about the dynamic nature of today's world and the way students were expected to face such a demanding life and the way to show professionalism in



their career. He lamented the fact that students tended to lose interest towards professional studies. He said, "The professionals find it difficult to enter any professional studies like CA, CS CMA, the reason being they find it difficult to sustain the challenge and give it up halfway." He concluded his speech by reminding the popular adage "Knowledge is Wealth."

The Past Government Nominee & Central Council Member CS.Shridharan rejoiced over the fact that the College had entered its 100<sup>th</sup> year of excellence. He guided the students to choose any professional study in a practical way. The Vote of thanks was delivered by Dr. K. Kumar, Director NCT-ICSI Study Centre.

### பொங்கல் விழாப் பட்டிமன்றம்

சமூக சேவையில் எண்பதாம் (80) ஆண்டைக் கொண்டாடும் திருச்சிராப்பள்ளி அகில இந்திய வானொலி நிலையமும், கல்விச் சேவையில் நூற்றாண்டைக் கொண்டாடும் நமது கல்லூரியும் இணைந்து பொங்கல் விழாச் சிறப்புப் பட்டிமன்றம் நடத்தின. இப்பட்டிமன்றம் 05-01-2019 அன்று நடைபெற்றது. இந்நிகழ்வின் தொடக்கமாகக் கல்லூரி வாழ்த்தும், தமிழ்த்தாய் வாழ்த்தும் இசைக்கப் பெற்றன. அதனைத் தொடர்ந்து கல்லூரி முதல்வர் இரா. சுந்தரராமன் தலைமையுரை ஆற்றினார். திருச்சிராப்பள்ளி அகில இந்திய வானொலியின் துணைத் தலைமை இயக்குநர் திரு. T.S.K. பிள்ளையவர்களும், நிலைய இயக்குநர் திரு. க. நடராசன் அவர்களும் வாழ்த்துரை வழங்கினர். அதனைத் தொடர்ந்து நகைச்சுவை இமயம் புலவர் ரெ. சண்முக வடிவேல் அவர்களின் தலைமையில் 'வாழ்க்கையை எதிர்கொள்ளப்

பெரிதும் தேவை மன வலிமையா? பண வளமையா?' என்னும் தலைப்பில் பட்டிமன்றம் நடைபெற்றது. 'மன வலிமையே' என்னும் அணியில் திருமதி வைஜயந்தி ராஜன், திருமதி வெற்றிச்செல்வி சண்முகம் ஆகியோரும், 'பண வளமையே'



என்னும் அணியில் முனைவர் இரா. அன்பழகன், திரு. எம். ஜி. தியாகராஜன் ஆகியோரும் சிறப்பாகப் பேசினர். வாழ்க்கையை எதிர்கொள்ளப் பெரிதும் தேவை மன வலிமையே எனப் பட்டிமன்ற நடுவர் தீர்ப்பு வழங்கினார். முன்னதாகக் கல்லூரியின் கலைப்புல முதன்மையரும் தமிழாய்வுத்துறைத் தலைவருமான முனைவர் ச. ஈஸ்வரன் வரவேற்புரை ஆற்ற, அகில இந்திய வானொலியின் நிகழ்ச்சிப் பொறுப்பாளர் திரு. PPK. வடலூர் வாசகர் நன்றியுரையுடன் நிகழ்ச்சி நிறைவுற்றது.

### Alumni Association

Alumni Association Annual meeting was held at our College on 03-02-2019. Dr. R. Ramasubbu, Editor Dinamalar, Trichy and President of Alumni Association, presided over the meeting. Mr. M. Somasundaram, Managing Director, Amman TRY Rods and Secretary of Old Boys' Association, welcomed the gathering. Secretary of the College Shri. K. Raghunathan honoured the four Chief Guest s with mementos and shawls and spoke about the infrastructural development of the college. **Thiru. S. Dakshina Moorthy, IFS, Indian Ambassador to South Sudan, Honourable Justice Krishnan Ramasamy of the High Court of Madras, Thiru. R. Madhavan, Executive Director, Airport Authority of India, New Delhi and Sqn Ldr. M. Jayakrishnan, Sqn. Pilot, 14, Sqn AF, C/O 56 APO** were honoured with Outstanding Alumnus Awards. All the four Chief Guests gave acceptance speech in which they recollected their memories.





Director of Studies Dr. K. Anbarasu, explained to the audience how academically our College was on a par with the best colleges in metropolitan cities. Principal Dr. R. Sundararaman proposed a vote of thanks. Dr. Neelakandan, Associate Professor, Department of Tamil, was the master of ceremony. The Old Boys happily appeared before a video camera and recorded their fond memories and unforgettable moments on the campus. After Lunch, the Old boys went to their respective departments and took selfies and photographs with their teachers in their class rooms. More than one lakh invitations were sent through print and social media. Many of the Old Boys registered online with their mobile numbers and email Ids through which they could be in touch with their Alma matter. There was a suggestion to install the state's tallest flagmast in the college campus and in no time rupees six lakh worth of donations poured in. And many participants promised to contribute more in the coming days. A record number of 1200 old boys turned up for the event.

## Competitions

### Chemquiz-2K19

As a part of the Centenary year celebrations, an intercollegiate chemistry quiz competition Chemquiz-2K19 was conducted in the Department of Chemistry on 15<sup>th</sup> February, 2019. The quiz competition was conducted to test the knowledge of the students, in chemistry. A total of 52



participants from 12 colleges in and around Tiruchirapalli participated. A written preliminary round was conducted. The best six teams were selected for the finals. The final round was oral. 8 rounds were held, followed by the rapid fire round and visual round in which students were asked to identify eminent scientists across the world. Cash prizes were distributed to the winners by the College Secretary Shri. K.Raghunathan. The first prize was bagged by Seethalakshmi Ramaswami College, Trichy, the second prize by Holy Cross College, Trichy and the third prize by Thanthai Hans Roever College, Perambalur. Participation certificates were distributed to all the participants. The quiz masters were Dr. Sunitha.S, Associate Professor of Chemistry and Dr. S. Muhamad Rafiq, Assistant Professor of Chemistry. The Head of the Department and Dean of Sciences Dr.K.Vivekanandan,

rendered all help in the conduct of Chemquiz-2K19.

### Intra Department Events

The "Intra Department Events" was organized by the Postgraduate and Research Department of Computer Science on 13-12- 2018. The Welcome address was given by Dr.P.S.S.Akilashri, Vice-principal (UAP) and Head, Department of Computer Science. The Presidential and Inaugural address was given by Dr. R. Sundararaman, Principal of the College. Dr.A.T.Ravichandran, Vice-Principal of the College, Trichy felicitated the gathering. In his address, the Principal said, "The purpose of this competition



is to gain knowledge and every minute should be utilized to sustain the endeavour. The students can improve their skills, ideas, views and thoughts in various aspects of Information technology through these kinds of competitions." The Vote of Thanks was given by Ms.S.Swathilakshmi, Student Secretary.

Various competitions like Technical Quiz, Paper Presentation, Just in Time, Multimedia, Debugging, Ad-Zap, Dumb Charades, Logo creation were conducted in various places in the Campus. More than 100 students participated in all these events. The first year UG students of Computer Application & Computer Science won the "Overall shield". In the Valedictory function Welcome Address was given by Prof. S. Ramani, Head, Department of Information Technology. Dr. V. Nandagopalan, Controller of Examinations, felicitated the organizers. Dr.V.Nandagopalan and Dr.A.T.Ravichandran distributed the prizes to the winners. The vote of thanks was given by the final year student, Ms.T.Monika.

### Nacthilmatics 2k19

The Department of Mathematics, conducted a State Level Intercollegiate Competition Nacthilmatics 2K19 on 05.03.2019. Dr. D. Muthuramakrishnan, Head of the Department, welcomed the gathering. Principal, Dr.R.Sundararaman delivered the Presidential Address. Participants from more than 20 Colleges competed in the events such as Paper Presentation, Math Modelling, Math Quiz for UG & PG, Math Fun, Math Rangoli, Face/T-Shirt Printing, Treasure Hunt and Math Monarch. Dr. Manju Somanath, Assistant Professor, Department of Mathematics welcomed the gathering during the valediction.



**Dr.A.Tamilselvan, Head, Department of Mathematics, Bharathidasan University, Tiruchirappalli,** delivered the Valedictory Address. Dr.R.Sundararaman, Principal, felicitated the organisers.



Certificates and medals were awarded to the winners. Bishop Heber College, Tiruchirappalli, won the overall Championship. Dr.D.Muthuramakrishnan, Head of the Department, rendered a vote of thanks.

### Viruksha 2K19

The Department of Hindi organised a State level Intercollegiate meet titled Viruksha 2K19 on 06-03-2019. Students from various colleges participated in the events. Lady Doak College from Madurai won the overall trophy. Dr. R. Sundararaman, Principal, presided over the function. In his presidential address, he emphasized the importance of participating in such events. Ms. S. Prasanna Devi, Assistant Professor and Head of the Department of Hindi welcomed the participants and appreciated them for readily responding to the invitation. The Chief Guest **Shri.T.S.K. Pillai, Deputy Director, All India Radio, Tiruchirappalli** delivered the inaugural address and motivated the students to learn a new language through music.



**Dr. Khandare Chandu Laxman, Assistant Professor, The Gandhigram Institute (Deemed University)** delivered the valedictory address. Ms. V. Yogeswari of I U.G. English Department proposed a vote of thanks. Mr. M.Karthick I B.Sc., (Bio Tech) and Ms.Raj Bharati Bajpaye Sharma III B.A. (English) emceed the programme. Dr.S.Maha, Dr.M.V.N. Preya and Ms.Prabha from the Department of English, Dr. Iyna from the Department of

Geology were the Judges for the events. Ms. S.Prasanna Devi, Vice President of the Viruksha Hindi Club organized the event.

### Inter-collegiate Competitions

The Postgraduate and Research Department of English organised an Inter-Collegiate Competition on the 11<sup>th</sup> of March 2019. More than 150 participants from 12 colleges from Nagapattinam, Karur, Pudukkottai, Trichy and Thanjavur participated in the competitions like Story Writing, Poetry Writing, Face Painting, Drama, Tableau and Literary Connexions. Principal Dr. R. Sundararaman inaugurated the competitions and Dr. D.E. Benet, Associate Professor, Department of English, briefed the participants and audience about the events. Dr. R. Elavarasu felicitated the coordinators and student volunteers. The standards were quite high for each event and the participants showed a healthy competitive spirit which added to the festive atmosphere. Seethalakshmi Ramaswamy College, Trichy emerged as the winners and won the trophy for their overall performance. Cauvery College for Women, Trichy finished as the runners-up. Dr. V. Srividhya, Dr. T.G. Akila and Dr. S. Maha were the coordinators of the event.

### மாநில அளவிலான வரலாற்று விநாடி வினா போட்டி

நமது கல்லூரியின் வரலாற்றுத்துறை சார்பில் மாநில அளவிலான விநாடி- வினா போட்டி 19.03.2019 அன்று நடைபெற்றது. மாநிலத்தில் இருந்து பல்வேறு கல்லூரி மாணவ மாணவியர் போட்டியில் பங்கேற்றனர். வரலாற்றுத்துறைத்



தலைவரும் வரலாற்று மன்றத் துணைத் தலைவருமாகிய முனைவர்.பெ.பரிமளசேகர் அவர்கள் விநாடி-வினா போட்டியை முன் நின்று நடத்தினார். இதில் திருச்சி ஈ.வெ.ரா. கல்லூரி வரலாற்றுத்துறை மூன்றாம் ஆண்டு மாணவர் எ.மணிகண்டன் முதற்பரிசினையும், அதே கல்லூரியைச் சார்ந்த மூன்றாம் ஆண்டு மாணவர் ஜி. விஸ்வஜித் இரண்டாம் பரிசினையும், பி'ப் ஹீப் கல்லூரி மூன்றாம் ஆண்டு மாணவர் ஜி. ஆகர் மூன்றாம் பரிசினையும் பெற்றனர். பரிசு பெற்ற மூவருக்கும் கல்லூரி செயலர் திரு.கா. இரகுநாதன் கோப்பை மற்றும் ரொக்கப் பணம் ஆகியவற்றை வழங்கினார். இது மட்டுமின்றி போட்டியில் கலந்து கொண்ட அனைவருக்கும் பங்கேற்புச் சான்றிதழ்களையும் வழங்கினார். கல்லூரி முதல்வர் முனைவர் ஆர்.சுந்தரராமன் மற்றும் வரலாற்றுத்துறைத் தலைவர் முனைவர்.பெ.பரிமளசேகர் ஆகியோர் உடனிருந்தனர்.



வரலாற்றுத்துறை பேராசிரியர்கள் முனைவர் கோ. தியாகராஜன், எஸ்.சுமதி திலகம் மற்றும் வரலாற்றுத்துறை மாணவ-மாணவியர்கள் அனைவரும் கலந்துகொண்டனர்.

## News at a Glance

### Ramanujan's Birthday Celebration

Mathematical genius Srinivasa Ramanujan's Birthday was celebrated on behalf of the Mathematics Department in our College on 22.12.2018. The College Secretary Thiru.K.Raghunathan adorned the bust of Sri.Ramanujan with a garland which is located at the college



premises. The Principal Dr.R.Sundaraman, Director of Studies Dr.K.Anbarasu, Head of the Mathematics Department Dr.D.Muthuramakrishnan, the Faculty members and students of Mathematics Department, Staff members from other departments also offered floral tributes to the prodigy.

### Ramanujam Mathematical Society 8<sup>th</sup> Outreach Programme (3<sup>rd</sup> Cycle)

The 8<sup>th</sup> Outreach programme in Mathematics was held from 25<sup>th</sup>May to 05<sup>th</sup>June, 2019. 70 participants from various places like Bengaluru, Coimbatore, Salem, Tirupur, Erode, Tirunelveli, Tuticorin and from various Colleges in and around Trichy took active part in the programme.

The following topics were covered in the 12 day programme:  
Linear Algebra (Dr. R. Balakrishnan, Bharathidasan University, Tiruchi)

Algebra (Dr. C. Durairajan, Bharathidasan University, Tiruchi)  
Probability and Statistics (Dr. A. Srinivasan, Bishop Heber College, Tiruchi)

Complex Analysis (Dr.N.Sridharan,Retd. Professor,Alagappa University, Karaikudi)

Differential Equations (Dr.N.Ramanujam, Srimad Andavan College,Tiruchi)

Operations Research (Dr.N.Chandrasekaran,Retd. Professor, St.Joseph's College, Tiruchi)

Calculus of Variations (Dr.A.Tamilselvan, Bharathidasan University, Tiruchi)

Functional Analysis (Dr.M.Marudhai, Bharathidasan University, Tiruchi)

### Homage to CRPF Martyrs

NCC Group of Trichirappalli and our College had jointly paid homage to CRPF Martyrs of Pulwama Terror Attack on 19-02-2019 at Indoor stadium of the College. Group Commander Col R. Sivanathan gave a talk on Indian



Army and its sacrifices during the critical times. Secretary Shri. K. Raghunathan in his address, recollected his memories, how our College, during the times of national disasters and crises, extended its fullest support to the country and showed solidarity with its people. Principal Dr. R. Sundaraman, an ex -NCC Officer, in his presidential address, paying homage to the martyrs expressed his great pain and grief over the killings that too during the centenary year of the college. By lighting the candles, more than 800 students including NSS and NCC cadets paid their homage to the fallen CRPF jawans. It was followed by two minutes of silent prayer. The Amar Jawan jothi was also lighted.

### From Excellence to Exuberance

Mr.Rajesh Fernando, the famous magician and motivational speaker visited our campus and exhorted our



first year students on the 21<sup>st</sup> of March, 2019. During the program he urged the students to remember the sacrifice of their parents and work towards a meaningful future.

### Summer Camp

Joining hands with the Tiruchirappalli City Corporation, the Department of Physical Education organized Free Sports Summer Camps and Weekend Sports Camps for the general public. The 25 day summer camp was a boon to children and youngsters from Trichy city. A good number of



them from the underprivileged section of the society made use of the sports facilities available in our college. For many of them it was a summer purposefully spent in developing their body and mind. There were 200 participants in the age group of 6 to 21 years. They were taught the basic rules of the games, team work, fitness training and good sportsmanship. The **Commissioner of Tiruchirappalli City Corporation Mr. N. Ravichandran** inaugurated the camp and spoke on the importance of physical fitness and detailed the initiatives



taken by the city corporation to promote the health of the citizens. He described the National College as a natural partner in these efforts. On the 18<sup>th</sup> day of the camp, the commissioner distributed T-shirts to the campers. Secretary Shri. K. Raghunathan, the Corporation Commissioner N. Ravichandran and other professional trainers participated in the valedictory function and appreciated Dr. Prasanna Balaji and his colleagues for their useful endeavour for common good. A temporary IPL Fan Park was erected at the college ground on the 7<sup>th</sup> of April, for the first time in Trichy, with the support of the Department of Physical Education.

### Guest Lecture

The Department of Physical Education organized a guest lecture on "Leadership in Sports" on the 12th of February, 2019. The guest of the event, **Professor Dr. Subramaniam Varatharaju, Training Manager, The Heart Foundation of Malaysia**, pointed out that the lack of volunteerism to lead in the field of sports could slowdown the



progress in the field; and he exhorted the students to come forward to take up volunteer work.

### Gaja

Relief work for the Gaja cyclone affected people of Maruthur village near Vedaranyam was carried out by our B2



Flight of NCC Air Wing in association with 3 TN Air Sqn (Tech) NCC Unit, Trichy on 11/12/18. The cadets of our NCC Air Wing collected 6 kgs rice and other relief materials and they were distributed to the needy people of Maruthur village. The people of Maruthur village thanked the cadets and the college for offering a helping hand at their time of need.

### Republic day

On the 70<sup>th</sup> Republic day (26-01-2019) **Mrs. K. Vijayalakshmi (Office Assistant)** hoisted the national tricolour and **Dr. Ranganayaki, Associate Professor, Department of Economics** delivered the Republic Day address.





