



# National COLLEGE NEWS Bulletin

Our Motto : "That alone is knowledge which liberates"



**Shri. R. Chidambaram, Principal Scientific Advisor to Govt of India, delivering CV Raman endowment lecture at National College**

## 'Advanced technological superstructure essential'

*It cannot be attained without solid foundation of higher education and basic research*

Principal scientific adviser to the central government R Chidambaram said here on Thursday, 12, Nov, 2015, that energy security and climate change are the two important challenges of the 21st century. Delivering the Dr CV Raman Memorial Endowment Lecture at the National College here, Chidambaram said India is witnessing radical changes and aiming to join the league of developed countries. "As the usage of nuclear power is being reduced in developed countries, India should use this as an opportunity to cater to other countries when demand rises for it down the line," said the Padma Vibushan awardee. The former director of Bhaba Atomic Research Centre urged students to

research on subjects that will solve important problems. "Research should be important to science and also to the society if India wants to become a developed country," he added. "India for long has been developing nuclear technologies indigenously. It has a great potential to grow in the field of nuclear power," he said. "While many countries have taken up steps to cut down nuclear power, developing economies are working on to increase nuclear power," he added. Listing out a statistics on the usage of nuclear power by developing countries, he said China is on the top by aiming to generate 27,000 MW from over 50 reactors to be built in the coming days and India is aiming at 6,000 MW.

## लॉनी इंडिया

- A festival on cultural heritage

NSS unit of National College, along with the Young Indians (Yi), Tiruchi Chapter, organised a sensitisation programme and a festival on the cultural heritage of India in association with the NSS Regional Centre, Chennai. Christened, Mini India, volunteers and artists from all over India and Sri Lanka participated and exhibited their talents on various art and cultural forms found abundant in the sub-continent. K. Balamurugan, Regional Passport Officer, Chennai, the chief guest, observed that though the art forms of India are found in different languages, they convey, in uniform, the greatness of the soil. Art forms such as Karagam, Bharathanatyam, Koodiyattam, Kathakali, Kuchipudi, Mohiniyattam, Yakshagana, Kathak and Odissi mirror the culture of India, he said. Ravi Murrugiah, chairman, Vasan Estates, emphasised the need for preserving the art forms and cultural practices of the country. There were nearly 20 events, performed by the participants from different parts of the country. K. Anbarasu, Principal, National College, D. Prasanna Balaji, NSS Officer, and Ponnambalam, Chair, Young Indians (Yi), Tiruchi Chapter, spoke. Captain Subash Chand, NSS Chief, Chennai, Karthikeyan, Youth Officer, NSS, Bengaluru, Samuel Chelliah, NSS Officer, Thiruvananthapuram, were present.



## From the Secretary's Desk



**Dear Reader,**

This News Bulletin enters its 10<sup>th</sup> year of publication from the Academic year 2015-16. I congratulate the Principal and the Editorial staff for their sustained hard work in bringing out this New Bulletin in an attractive layout, containing all the activities in the College during every semester.

This Academic year will be another milestone to reach. The College has to submit itself for the 2<sup>nd</sup> cycle of "Autonomous" Status, 3<sup>rd</sup> cycle of "NAAC" Re-Accreditation and the 2<sup>nd</sup> term for "College with potential for Excellence" Status. All the three are highly important and I am positive that we will attain all the three of them with flying colours. The Principal and the Staff members are a dedicated lot and I have no fears in achieving our goal.

The College jointly with Ramanujan Mathematical Society had organized two outreach programmes. The Mini India programme organized jointly with Young Indians was a huge success. Sri.Vishnu Narayanan of our Physical Education class, who is a Yoga Expert, went to Russia and participated in the BRICS.

The Sir.C.V.Raman Endowment Lecture was delivered by Sri.R.Chidambaram, Principal Scientific Adviser to the Government of India. The even semester has much in store for us.

During this semester almost all the Departments were very active, organising Special Meetings, Workshops and Seminars. In Sports activities the College is making a mark for itself.

**SECRETARY**

## From the Office of the Principal



**Dear Reader,**

Like any other semester this semester also there were many events both academic and co-curricular. The visit of Dr. R. Chidambaram, Principal Scientific Advisor to the Government of India for delivering Dr. Sir C.V. Raman Endowment Lecture, Mini India, a cultural event organized by the Department of Physical Education were the two hallmark events.

The achievement of the students in the field of Sports during this semester needs a special mention. Ms. A. Chandreleka, I B.A. English won number of Competitions at the National Level in 100 and 200 meters running. Mr. A. Mothi Arun, II B.A. English won National Level Competitions in High jump with a new record of 2.4 meters height. Mr. Vishnu Narayanan, II B.Sc. Physical Education demonstrated Yoga in presence of President of Russia Mr. Putin and Prime Minister Mr. Narendra Modi is a laurel to the College. Students also participated in Fine Arts, Quiz, Oratorical and other Competitions conducted by various Colleges and won prizes in many. I congratulate all of them.

Life Insurance Corporation of India, Tiruchirapalli and BHEL, Tiruchirapalli celebrated Vigilance Awareness Week in our College by conducting Oratorical Competitions.

The sanctioning of a Major Project by Ministry of Earth Sciences (MoES) to study the Sea level changes along the coast of Tamil Nadu to our college is an added feather in our cap.

All this is only a tip of the ice berg and let us strive for more mile stones in future.

**PRINCIPAL**

## International Yoga Day Celebrations



சர்.சி.வி.ராமன் நினைவு  
அறக்கட்டளை சொற்பொழிவு

நமது கல்லூரியில் 12.11.2015 அன்று பாரத ரத்னா சர்.சி.வி.ராமன் நினைவு அறக்கட்டளைச் சொற்பொழிவு பத்மவிபூஷன் முனைவர் வி.கிருஷ்ணமூர்த்தி குளிரரங்கில் நடைபெற்றது. இச்சொற்பொழிவிற்கு வந்திருந்தவர்களைக் கல்லூரி முதல்வர் முனைவர்.கு.அன்பரசு வரவேற்றார். ஆங்கிலத் துறைப் பேராசிரியர் முனைவர் கே.சீனிவாசன் சிறப்பு விருந்தினரை அறிமுகப்படுத்தினார்.

பிறகு சிறப்பு விருந்தினரான **இந்திய அரசின் முதன்மை அறிவியல் ஆலோசகரும்; அமைச்சரவையின் அறிவியல் ஆலோசனைக் குழுத் தலைவருமான பத்மவிபூஷன் முனைவர் ஆர்.சிதம்பரம்** சிறப்புரை ஆற்றினார். தனது உரையில், “எனது அலுவலத்தை அழகு செய்யும் முன்று நாயகர்களைக் குறிப்பிட விரும்புகிறேன். சர்.சி.வி.ராமன், ஹேரமி



பாபா, சீனிவாச ராமானுஜம் ஆகிய மூவரை என்றும் நினைவில் கொண்டு செயல்படுகிறேன். பீட்டர் மெடாவர் என்ற உயிரியல் நோபலாளர் “எப்பொழுதும் இன்றியமையாத சிக்கல்களைத் தீர்க்கப் பணியாற்றுகிறேன்” என்பதை ஏற்று செயல்பட்டால் அறிவுப் பொருளியலை அடையலாம். சர்.சி.வி.ராமன், சீனிவாச ராமானுஜம் ஆகியோர் இப்பகுதியைச் சேர்ந்தவர்கள். உலகம் புகழும் விஞ்ஞானிகளாகத் திகழ உழைத்து முன்னேறியதை மாணவர்கள் முன் உதாரணமாகக் கொள்ளலாம்.

தேசிய வளர்ச்சியும், தேசிய பாதுகாப்பும் ஒரு நாணயத்தின் இரு பக்கங்கள் ஆகும். பாதுகாப்பற்ற வளர்ச்சியோ, வளர்ச்சியற்ற பாதுகாப்போ பயனைத் தராது. மாணவர்கள் உடல் அளவில் தங்களை உறுதிப்படுத்திக் கொள்ளவேண்டும். பின்னர் மனதளவில் அறிவு நிலையில் உறுதி பெறுவது எளிது. அதைப் போன்றதே நாட்டு வளர்ச்சியும் ஆகும். அறிவு பரிமாற்றத்தில் இந்தியா தன்னைத் தனிமைப்படுத்தி நிலைநிறுத்திக் கொண்டுள்ளது. குறிப்பாக, அணுஆயுதப் பயன்பாடு அணுசக்திப் பயன்பாடுகளில் ஏனைய நாடுகள் ஒன்றோடு ஒன்று சார்ந்திருந்தும் பரிமாறிக்கொண்டும் முன்னேறும் நிலையில் இந்தியா தன்னளவில் தானே இவற்றை

சாதித்துக் கொண்டிருப்பது பாராட்டுக்குரிய ஒன்றாகும். கடின நீரைப் பயன்படுத்தி கல்பாக்கம் போன்ற அணுசக்தி நிறுவனங்கள் யுரேனியம், தோரியம் போன்றவற்றால் பல சாதனங்களை நிகழ்த்திக் கொண்டிருப்பது குறிப்பிடத்தக்க ஒன்றாகும்.

இன்றைய உயர்கல்வி நிறுவனங்கள் அறிவுப் பொருளியலை உருவாக்க முன்வரவேண்டும். உலக நாடுகளின் முன்னேற்றங்களை இந்தியாவில் நிலைநிறுத்த நம்மால் முடியும். அதற்கு இந்தியத் தொழில்நுட்பம் வளர வேண்டும். அணுசக்தியும் வானியல் ஆய்வும் மிகவும் துணை செய்வன. இந்திய வானியல் ஆய்வு நிறுவனம் (ISRO) அனுப்பிக் கொண்டிருக்கும் செயற்கைக் கோள்களை எடுத்துக் கொள்ளுங்கள். அவை இந்திய முன்னேற்றத்திற்கு எவ்வளவு பயன்படுகின்றன என்பதைப் பாருங்கள். எனவே தான் இத்துறை ஆய்வுகளுக்குப் பல்கலைக்கழகங்களும், கல்லூரிகளும் முன்னுரிமை தரவேண்டும். தோகாமக், பிளாஸ்மா ஆய்வு நிறுவனம் அகமதாபாத்தில் இயங்குகிறது. அங்கு நாம் கண்டுள்ள முன்னேற்றம் ரஷ்யா, பிரான்சு, கொரியா, ஜப்பான் ஆகிய நாடுகளுக்குப் பின் நாமும் தோகாமக் ஆய்வில் நல்ல முன்னேற்றம் கண்டுள்ளோம்.” என்று குறிப்பிட்டார்.

மேலும் அவர் கூறியதாவது, “இராஜஸ்தான் அணுசக்தி நிறுவனம் ஆகஸ்டு 2014இல் 765 நாட்கள் தொடர்ந்து செயல்பட்ட வரலாற்றை ஏற்படுத்தியது. இத்தகைய முன்னேற்றங்களை நாம் எட்ட முடியும் என்ற நம்பிக்கை இந்தியாவில் உறுதிப்படுத்தப்பட்டுள்ளது. 'நாங்கள் குறுகிய காலத்திற்கு உங்கள் உதவியை நாடுகின்றோம். ஆனால் நீங்கள் நீண்டகாலத்திற்கு எங்கள் உதவியை நாடுவீர்கள் என மேலைநாட்டு விஞ்ஞானிகளிடத்தில் கூறியுள்ளேன்.

சூரிய ஒளிப்பயன்பாட்டில் பிரதமர் மிகுந்த கவனம் செலுத்துகிறார். கார்பன் இல்லாத அல்லது மிகக் குறைவான கார்பனைக் கொண்ட பாதையை வகுப்பதே உலகின் முன்னுள்ள சவால். எனவே பன்னாட்டு சூரிய ஒளிப் பயன்பாட்டுக்கான கூட்டணி உருவாக உள்ளது.

இந்தியாவிலுள்ள பல்கலைக்கழகங்கள் அனைத்தையும் தொழில்நுட்பங்களால் இணைப்பது ஆராய்ச்சி நிறுவனங்களை இணைப்பது என்ற திட்டம் செயல்படுத்தப்பட்டுள்ளது. தேசியக் கல்லூரியையும் இவ்வரைபடத்தில் இடம்பெறச் செய்யவேண்டும். தன்னம்பிக்கை, முன்னேறத் துடிக்கும் எண்ணம், முடியும் என்ற உறுதி, ஒழுக்கம் ஆகியவை இளைஞர்களை எதிர்கால விஞ்ஞானிகளாக்கும் என்பது எனது உறுதியான நம்பிக்கை” நிறைவாக இயற்பியல் துறைப் பேராசிரியர் முனைவர் ஏ.டி.ரவிச்சந்திரன் நன்றி கூறினார். நிகழ்ச்சியில் கல்லூரி நிர்வாகக்குழுத் துணைத் தலைவர் சக்ரபாணி, கல்லூரிச் செயலர் ரகுநாதன், தேர்வு நெறியாளர் பேரா. சுந்தரராமன், சிறப்பு அழைப்பாளர்கள், உள்ளூர் பிரமுகர்கள், பேராசிரியர்கள், மாணவர்கள், அலுவலர்கள் பங்கேற்றுச் சிறப்பித்தனர்.

## Seminars /Workshops/Conferences

### One day Seminar on Towards the Zenith

The Post Graduate Department of Computer Science of our College organized a Seminar on "Towards the Zenith" on 21.07.2015. Dr.P.S.S.Akilashri, Head, Department of Computer Science welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section presided over the Meeting. **Dr.K.Srinivasan, Associate Professor, Department of English**, delivered a Lecture on "We are in the middle of Zenith and Nadir". He started his speech by saying that to attain the Zenith, we have to follow the Ten Commandments like Smile, Be appreciative, Pay attention to others, Practice active listening, Bring people together, Resolve the problem, Communicate clearly, Have a sense of Humor, See from the point of view of others and don't complain. He said that one can widen his/her knowledge based on academics and application. He gave a formula "the more you listen, the more you speak, the more you read, the more you write" to the students to improve communication skills.



In the afternoon session, **Dr.V.R.Mathiazhagan**, Professor In-charge spoke on "Stress Management". He explained the reasons for Stress, how the Stress level differs from individual to individual, how to reduce and manage the stress by practicing Yoga, Meditation and Concentration. He concluded by saying that, nobody could live without stress but we must learn how to live with stress. Ms.K.Shinny, II M.Sc., (CS) proposed a vote of thanks.

### A Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar

A Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar was conducted in the Department of English on 6<sup>th</sup> and 7<sup>th</sup> of August, 2015. **Dr.N.Ethirajalu, Vice-Chancellor, PRIST University, Vallam, Thanjavur** delivered the inaugural address in which he stressed the urgent need for the development of spoken English ability in the modern globalize world. He also stated that in China and Russia English was taught from the primary level to University level of Indians. But their English was not up to the level. Indian English Teacher's are in great demand abroad. In addition, many classical literatures in Tamil need to be translated. In that field there would be

ample chances for employability. So students must equip themselves with communicative competence, he said. Dr.K.Anbarasu, Principal, in his presidential address stressed the importance of communicative and writing skill.

**Dr.K.Samiayyan, Dean, Agricultural College and Research Institute, Eachankottai, Thanjavur** delivered the valedictory address in which he stressed the



importance of speaking skill. In many IT companies and Private sectors and also Engineering fields, would be much in need of English knowing people. He also emphasized that students must develop letter writing, report writing and article writing. **Dr.S.Raja, Director CAS in Linguistics, Annamalai University** delivered the keynote address. He traced the origin and the growth of rhetorics to ancient Greek and Rome and other countries. He also pointed out that Rhetoric would be one of the branches of applied linguistics but it had emerged as a main field of study in Literature. Rhetoric is essential for Poetry composition and for the art of speech. Some 35 papers were presented in the seminar from three states Karnataka, Pandicherry and Tamil Nadu.

Dr.V.Sekar welcomed the gathering. Dr.R.Elavarasu, delivered a vote of thanks and at the inaugural session addressed the theme of seminar and thrust areas of the Rhetorical Linguistics.

### Workshop on Competency Skills

The Department of Business Administration conducted a One day Workshop on 8<sup>th</sup> July 2015. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section presided over the function. Dr.B.Sekar, Head, Department of B.B.A., welcomed the gathering.



**Mr.A.Vivekanandhan, Director, AM IAS Academy, Trichy** and **Mr.M.Shagul Hameed, Co-ordinator, AM IAS Academy, Trichy** and **Miss.S.Jayashree, Soft Skill Trainer of AM IAS Academy, Trichy** were the Resource Persons for the Workshop. They gave a scintillating speech on "Competencies". During their speech they discussed the Job opportunities available in Central and State government Sectors and explained the technique of clearing Competitive Examinations. Model question booklets were issued to test the reasoning power of students. Prof.R.Thirugnanasoundari, Vice-President of B.B.A. Association proposed a vote of thanks.

#### **National Workshop on Crystal Growth, Thin Films and Solar Cells (WCTS - 2015)**

PG and Research Department of Physics conducted a One day National Workshop on "Crystal Growth, Thin Films and Solar Cells" (WCTS - 2015) on 4<sup>th</sup> September 2015.

Dr.S.Pari, Head, Department of Physics welcomed the gathering. Dr.A.T.Ravichandran, Convener of WCTS-2015 introduced the theme of the Workshop. Dr.K.Anbarasu, Principal inaugurated the Workshop. **Dr. M.Senthil Pandiyan, Research Scientist, SSN Research Center, SSN Institution, Chennai** and **Dr. K.Jeyadheepan, Associate Professor Research, Department of ECE, SASTRA University, Thanjavur** delivered the Special Address.

First he explained the fundamentals of Crystal Growth, various methods of characterizing the grown crystals and their applications in the field of science and technology. In his second talk, he described the method of fabricating Solar Cells and discussed their applications in day-to-day life. He displayed many crystals grown by different methods and different types of solar cells. The participants interacted with the Resource Person and got their doubts clarified. Dr.S.Ravi, Associate Professor of Physics, delivered a Vote of thanks.



A separate session was arranged to visit the National College Instrumentation Facility to have hands on experience to know about sophisticated characterization instruments such as Scanning Electron Microscope with EDAX, Flow Cytometer, High Performance Liquid Chromatography, Gas Chromatography and Mass

Spectrometry, Atomic Absorption Spectroscopy, FT-Infra Red Spectroscopy, Fluorescence Spectroscopy, Micro Hardness Tester.

**Dr.K.Jeyadheepan, Associate Professor, Department of ECE, SASTRA University, Thanjavur** described the various fabrication processes involved in Thin Film coating and its applications. He also explained the various software related to the studies of thin films.

#### **Two-day State Level Workshop on LaTeX Typesetting Tool**

"A Two-day State Level Workshop on LaTeX Typesetting Tool" was organized by the Department of Mathematics, on 14<sup>th</sup> and 15<sup>th</sup> of September 2015. Faculty members, Research Scholars and students from various Colleges and Universities participated in the program. Mr.K.Raja, Assistant Professor of Mathematics was the Resource Person for the Workshop. There were six technical and two practical sessions in which the participants learnt the following:

- \* Typing complicated mathematical equations
- \* Preparing the articles for journals
- \* Preparing Thesis
- \* Drawing and inserting Figures
- \* Beamer class for presentations

Ms.V.Sangeetha & Mr.S.Arun, Assistant Professors of Mathematics were the Trainers for the practical sessions. Software and Study materials were given to all the participants. The Chief Guest **Dr.A.Mohamed Ismayil, Associate Professor of Mathematics, Jamal Mohamed College, Trichy** explained in detail, the use of LaTeX in



preparing Ph.D thesis, typing mathematical equation and symbols and in general to publish a book without mistakes. Dr.K.Anbarasu, Principal presided over the function. In his Address he motivated the participants to update themselves with the current developments in the field of information technology.

#### **One Day Workshop on Research Skills**

A One Day Workshop on "Research Skills" was organized on 19.09.2015 by Career Guidance and Placement Cell (CGPC) for the new Research Scholars who joined the M.Phil., programmes in various disciplines.

**Prof. Dr.K.Kumarasamy, Professor & Head, Department of Geography and Chair School of Geosciences, Bharathidasan University, Tiruchirappalli** inaugurated the Workshop and addressed the scholars. In his speech, he highlighted the importance of enhancing the research skills and importance of proper data generation and processing while doing research. Dr.K.Anbarasu, Principal of the College, presided over the function. He urged the scholars to fully utilize the faculty resources and research facilities available in the College and to continue the programme upto Ph.D. Level.



The Workshop sessions were handled by a team of Professors comprising Dr.R.Elavarasu, Associate Professor & Head, Dept. of English, Prof. K.Elango, Associate Professor, Dept. of Economics, Dr.N.Manickam, Associate Professor, Department of Tamil, Dr.V.Nandagopalan, Associate Professor in Botany & Dean of Science and Dr.P.Raghavan, Librarian. The training modules covered topics such as Data Collection and Statistical Tools, Style of Thesis Writing, Research Methods, Integrated Approach for Scientific Research and Library and e-Resources for research scholars. In the Valediction, Dr. R. Sundhararaman, Controller of Examinations of the College appreciated the active participation of the research scholars and urged them to make full use of the Government support like scholarships etc. He also distributed the participation certificates to the scholars. Earlier, Dr.T.V.Sundar, Associate Professor in Physics and Convener of the Workshop welcomed the gathering. Dr.D.Saravanan, Assistant Professor in Chemistry and Member CGPC proposed a vote of thanks. Full time and Part time scholars numbering about 130 participated in the workshop.

#### **International Workshop on Computational Techniques for Wet Lab Data Analysis**

The PG & Research Department of Biotechnology, of our college organized an International Workshop on "Computational Techniques for Wet Lab Data Analysis" from 22nd to 24th September, 2015. It was inaugurated by **Dr. K. M. Marimuthu, former Vice Chancellor, Bharathiar University, Coimbatore.** The former NASA scientist emphasized the need of such workshops for the Benefit of students and researchers and emphasized on



importance of focusing on finding solutions to research problems using an interdisciplinary approach. The gathering was welcomed by Dr. M. N. Abubacker, Convener and Head, Dept. of Biotechnology. Dr. K. Anbarasu, Principal delivered the presidential address expressing happiness over the conduct of an International workshop by Dept. of Biotechnology. The event concluded with a vote of thanks by Prof. S. Shantkriti, the Organizing Secretary of the workshop.

The three day workshop focused on equipping the participants with knowledge on handling various softwares in bioinformatics used for data analysis. Seventy students, research scholars and faculty members from sixteen colleges across India participated in the workshop. International participants attended the workshop through Webinar. The technical sessions covered basic concepts of Bioinformatics like data retrieval from universal databases, GenBank website, followed by advanced levels of training in Homology modeling and molecular docking using various software and tools for analyzing biological data. The workshop concluded with the valedictory function and distribution of certificates to the participants on the final day.

#### **Workshop on Android Applications Development**

The PG Department of Computer Science, conducted a two day workshop on "Android Applications Development" on 29<sup>th</sup> and 30<sup>th</sup> September 2015. Dr.P.S.S.Akilashri, Head of the Department, welcomed the gathering. Dr.K.Anbarasu, Principal presided over the function. His inspiring speech focused on today's technology growth in the computer field and how to survive in this situation against unemployment. Dr.V.R. Mathiazhagan, Professor In-charge (UAP) felicitated the gathering and emphasised that students should equip themselves with computer knowledge and upgrade their knowledge of the emerging changes in technology.

**Dr.E.George Dharma Prakash Raj, Assistant Professor, Bharathidasan University, Trichy,** inaugurated the Workshop and delivered, a Lecture on "Android and its Automation Procedure." He explained the history of Android and its major releases Cupcake, Donut, KitKat, and Lollipop. He also explained the Android Application in Personal digital Assistants like Mobile Phones, Tablet computers. The Sessions were handled by **Mr. Mohammed Faiz Farooq, Design Engineer and Technical Associate, ARK Techno solutions, Bangalore.**

In the first Session he taught the Android architecture, Work Bench setup and UI Creation using XML. He also demonstrated how to develop the first Hello World application in Android.



In the second Session he explained "Activity in Android, Deploy Toast Application and to design logic screen and its properties". He also explained the Making SMS application and Android Manifest file.

The sessions of the next day of the Workshop were also handled by **Mr. Mohammed Faiz Farooq**. The third sessions was on "Installing Android Apps and Android devices and live testing, Connect the Android Apps to Internet, Implement broadcast the Apps using Web browser".

In the fourth and final Session **Mr. Mohammed Faiz Farooq** explained the Debugging concepts and Program on Debugging concepts". He also demonstrated the Games Applications.

After completing the last Session, he conducted a Competition based on the Workshop. He also instructed the students to participate in the Competition conducted by NADC (National Android Developer Challenge), India IIT Madras on Android application.

Dr.R.Sundhararaman, Controller of Examinations, delivered the Valedictory Address of the Competition. He distributed the Certificates to the Participants and Winners who are all eligible to participate the Grand Finale to be conducted by IIT Madras. The Winners were, Mr.M.Manikandan, II BCA "B", Mr.G.Shanmuganathan, II M.Sc.(CS), and Mr.V.Shiva Kumar, III B.Sc. (CS) "A". Ms.R.Rokini, III BCA'B' and Ms.K.Priya, II M.Sc.(CS) got the Certificate in the category of "Award of Appreciation."

The Staff Co-ordinators Dr.P.S.S. Akilashri, Head, Department of Computer Science and Prof.A. Umamageswari got the Certificate in the category of "Award of Excellence." A vote of thanks was given by Mr.G.Deva Pradeep Santiago, III BCA.

## Association Meetings

### Department of Bio-technology

#### 2<sup>nd</sup> CME on Stem Cells and Tissue Engineering

The second Continuing Medical Education (CME) on "Stem Cells and Tissue Engineering" organized Jointly by

Mothercell Regenerative Centre and National College (Autonomous), Trichy. This educational activity is accredited by the Tamil Nadu Medical Council, Chennai. Interest in stem cell research, treatment and cord blood / bone marrow banking continues to grow. **Prof. Dr. M.K. Muralidharan, Dean, KAPV, Medical College, Trichy** was the Chief Guest for the Function. **Dr. Thiru. R. Ramasubbu, Editor In-charge, Dinamalar, Trichy, Dr. M.S. Ashraf, IMA EC Member, TN Medical Council, Dr. S. Sethuraman, President, IMA and Dr. K. Anand, Managing Director, Maruti Hospital, Trichy** were the Guests for the function. The aim of the conference was to benefit students, doctors & faculties of various departments of life sciences include the faculty of Medical colleges by understanding the history, science and clinical studies of stem cells in the treatment of various degenerative diseases in heart and kidney. It was also to create awareness about cord blood stem cells / bone marrow stem cell storage and its uses.



**Dr. Aruna V Vanikar, Head, Dept. of Pathology, IKDRC-ITS, Ahmedabad**, a pioneer in the field of Immunopathology & leader of the transplantation team of IKDRC, Ahmedabad, spoke about the development of HSC from Embryonic Stem Cells with Xenofree Medium.

**Dr. SARANYA NARAYANAN, Jeevan Blood Bank and Research Centre, Chennai**, delivered a lecture on clinical indications for cord blood transplant and potential regenerative medicine applications using cord blood / bone marrow stem cells.

**Dr. S. Swaminathan** who heads the CeNTAB lab of SASTRA University, Trichy, spoke about 5 different scaffolds for skin, Nerve, Bone, Cartilage, heart Muscle etc. In the fight against Diseases, Biotechnology and Nanotechnology are the weapons & Pioneers, mentioned Dr. Swaminathan.

**Dr. Mahesh Kandaswamy, UGC-Asst. Professor, Dept. of Animal Science, Bharathidasan University, Trichy**, has proved with painstaking animal models where and how the stem cells in Brain help in regeneration, though not like a liver or skin. Dr Mahesh briefed on his experience in the field of neurogenesis at Austria and the establishment of Huntington's Animal Model at Berlin.

**Dr. Sankaranarayanan, Dental Surgeon, KMC, Trichy**, shared his experience on the treatment of alveolar

bone regeneration using dental pulp stem cells ,bone regeneration for implant and also the oral condition called osteoradionecrosis. His lecture brought into focus dental pulp stem cell and evidence in periodontal regeneration and in tissue engineering.

Quiz, Poster Presentations and Model Making competitions were conducted for the students of Life Sciences to bring awareness among the students and scholars in the academia. Prizes were distributed to the winner of various events at the end of the day. **Dr. R.V.S. Surendran, IMA TN State President, Dr. R. Gunasekaran, Past President, IMA, Tamil Nadu, Dr. B. Sridhar, Secretary, IMA NHB, and Dr. S. Manivannan, Director, Kauvery Hospital, Trichy** gave away the prizes. More than, 200 Doctors and 250 students attended the conference. **Dr. S. Sankaranarayanan, Laser Surgeon, Kauvery Hospital, Trichy,** presented the Vote of Thanks.

### Botany Association

Botany Association Meeting was held on 14<sup>th</sup> October 2015. **Dr.C.Sasikumar, M.Sc., M.Phil., Ph.D., Associate Professor and Head, Department of Biotechnology, Nehru Memorial College (Autonomous) Puthanampatti**



delivered a Special Lecture on "Biofertilizers and its Applications" He explained the Advantages of Biofertilizers and its applications and the current developments in Biofertilizer practice. Nearly 85 students attended this Meeting. Earlier the Meeting was presided over by the Principal Dr.K.Anbarasu who gave the Presidential Address. Dr.K.V.Kannan Head, Department of Botany introduced the Chief Guest. M.Saranya, I PG Botany welcomed the gathering and P.Menaka, a final UG student proposed a vote of thanks. Dr.S.P.Anand, Vice-President of the Botany association organized this Meeting.

### Department of Business Administration

The Department of Business Administration conducted their Inaugural Meeting of the Association on 17<sup>th</sup> July 2015. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section of our College presided over the Meeting. Dr.B.Sekar, Head, Department of Business Administration, welcomed the gathering.

**Dr.I.Francis Gnanasekar, Vice-Principal and Associate Professor of Commerce, St.Joseph's College, Trichy** was the Chief Guest. He gave a speech on "Perceive, Visualize, Design, Develop our Digital India" and discussed



the vision of Digital India. He spoke on Infrastructure as a Utility to every citizen, Governance and Services on Demand, Digital Empowerment of Citizen. Miss.Anushkumaranjan, II B.B.A., delivered a vote of thanks.

The Department of Business Administration of our College conducted a Special Lecture on 12<sup>th</sup> August 2015. Dr.V.R.Mathiazhagan, Professor-In-charge, delivered the Presidential Address. Dr.B.Sekar, Head, Department of Business Administration welcomed the gathering. **Dr.S.Nakkiran, Department of Co-operative Management and Accounting, Institute of Development Studies, AMBO University, Ethiopia** was the Chief Guest. He delivered a speech on the topic "Challenges for Indian Business under Globalization".

He initiated his talk giving the details about the challenges faced by various countries to become globally empowered. He pointed out how various countries introduced recapitalization through effective currency control, cheap



labour, work ethics, disciplined democracy, 100 percent literacy rate, Banking revolution, increased working hours, effective import and export policies etc., Though India has indulged in all such developmental activities factors such as corruption, lack of work ethics, bureaucratic leadership etc., hinder the economic growth of India, he observed. Mr.P.Thiruselvam, II year B.B.A., proposed a vote of thanks.



Prof.R.Thirugnanasoundari, Association Vice-President organized the Programme.

The Department of Business Administration of our College arranged a Special Lecture on 26<sup>th</sup> August 2015. Dr.V.R.Mathiazhagan, Professor-In-charge of our College gave the Presidential Address. Dr.B.Sekar, Head, Department of Business Administration welcomed the gathering and introduced the Chief Guest.

**Dr.CMA.T.K.Sridhar, M.Com.,MBA.,FCMA.,Ph.D, Head, Singar Academy, Trichy and Chennai** and a resource person of Ministry of Corporate Affairs and ICSI was the Chief Guest. He gave a lecture on the "Intelligent Investor" and discussed the operations of the online share



market and conducted a game on share trading involving the students which enriched the knowledge of the students.

### Department of Commerce

The Inaugural Meeting of the Commerce Association was held on 31<sup>st</sup> July 2015. **Dr.E.Ramganes, Professor and Head, Department of Educational Technology and Director, Curriculum Development cell** delivered the Inaugural Address. He observed that the higher education system was good and students were well equipped in terms of content. But there were yawning gaps in employable skills he



observed. The students are not ready for jobs. But employers want the students to contribute to the growth of the organization from day one. Hence developing skills such as soft skills, team work skills, problem solving skills context mapping skills and life-long learning skills are crucial to make them suitable for employment. He emphasized that these skills can be acquired simultaneously along with education.

He urged the students to bring out the best in them by Constant efforts. Dr.R.Narayanasamy, Head of the department welcomed the gathering, Ms.Manjula, II M.Com., proposed a vote of thanks.

### வணிகவியல் துறை பேரவைக்கூட்டம்

வணிகவியல் துறையின் பேரவைக்கூட்டம் 30.09.2015 அன்று நடைபெற்றது. **திரு.வி.மகாலிங்கம், உதவி பொது மேலாளர், UCO வங்கி, (ஓய்வு)** அவர்கள் சிறப்பு விருந்தினராக கலந்து கொண்டார். அவர் அஷ்டவதானம் என்னும் நினைவாற்றல் மிகுந்த நிகழ்ச்சியை மாணவர்களுக்கு நேரிடையாக செய்து காண்பித்தார். அவருடைய நினைவாற்றலும் மன உறுதியும் எல்லோரையும் வியக்கவைத்தது. அனைத்து மாணவ மாணவிகளும் அதைக் கண்டுகளித்து வியப்பில் ஆழ்ந்தனர்.

துறைத்தலைவர் முனைவர். நாராயணசாமி அவர்கள் வரவேற்புரை நல்கினார். மகாதேவன், இரண்டாமாண்டு முதுநிலை மாணவன் நிகழ்ச்சிகளை தொகுத்து வழங்கினார். சந்தோஷ், இளநிலை மூன்றாமாண்டு மாணவன் நன்றி நவீன்றார். திருமதி முனைவர் ஷர்மிளா, வணிகவியல் பேரவை துறைத்தலைவர் நிகழ்ச்சிகளை ஒருங்கிணைத்தார்.



### Department of Commerce (UAP)

The Association Meeting of the Department of Commerce (UAP), for the year was inaugurated on 13.08.2015. The Chief Guest **Prof.G.Balakrishnan, Former Vice-Principal, St.Joseph's College (Autonomous), Tiruchirapalli** delivered a speech on "The You in You." The speaker trained the students to speak in English in front of the people without inferiority complex. Prof.R.Jayaraman, Head of Department of Commerce



gave the Welcome Address. Dr.V.R.Mathiazhagan, Professor In-charge delivered the Presidential Address. Professor Dr.R.Ramachandran felicitated and the Dean of Arts Prof.P.Chandrasekar attended the function. Miss.S.Rubashree of II B.Com., (CA) proposed a vote of thanks.

The Association Meeting of the Department of Commerce (Unaided programme) was held on 18.09.2015. The Chief Guest **Dr.B.Balamurugan, Ph.D., Assistant Professor, PG and Research Department of Economics, Govt.Arts College** (Grade I), **Thiruvannamalai** delivered



an inspiring speech on the topic "Sweeping through Interviews" to the students. The speaker trained the students to face an interview with practical demonstration. Prof.R.Jayaraman, Head, Department of Commerce welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-Charge, of unaided section presided over the function. Dean of Arts Prof.P.Chandrasekar offered felicitations. Mr.B.Sundharshan of III B.com., proposed a vote of thanks.

### Department of Computer Science

The Post Graduate Department of Computer Science of our College organized a lecture on "Learn and Earn through Creative Technologies" on 04.08.2015. Dr.P.S.S.Akilashri, Head, Department of Computer Science welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-Charge presided over the Meeting. **Mr.Sundaram, Corporate Advisor, Image Creative Technology** was the Chief Guest. He said that our day to day life was blended with



Technology. The Bachelor degree gives only the fundamental knowledge about the subject. If a student wants to excel himself, he should learn the Creative technologies like Graphic design, 3D Animation, Game Technology and

Virtual Reality he said. Further he added that these kinds of Technology help them to upgrade their creative skills and would tend to lift-up their career. There are plenty of jobs available, but the employers expect specialized knowledge. He concluded, by saying "learn the Course with ease and earn more". Ms.K.Shinny, II M.Sc., (CS) proposed a vote of thanks.

### Department of Economics

The Inaugural function was held on 12.08.2015. Dr.D.Srinivasan, Associate Professor and Head of the Department welcomed the gathering. The function was presided over by Dr.K.Anbarasu, Principal. Prof.V.Kaleeswari introduced the Chief Guest **Rev.Fr.Dr.S.Xavier Alphones, former Principal, Loyola College** (College of Excellence) **Chennai**. The Chief Guest spoke on "Kalam's India", focusing on Kalam's Dreams. While speaking he pointed out that Kalam dreamt of a secular state, state with roots and a state with values. His 'Wings of Fire' has become a guide to millions of youth; Abdul Kalam considers that poverty is the enemy of our country. He concluded his speech by saying that Kalam



was a man of simplicity and he had much belief on the youth. Mr.E.Thangapandiyan of II M.A., Economics proposed a vote of thanks.

### The English Literary Association

The English Literary Association activities for the current academic year began with a formal inaugural on the 18<sup>th</sup> of August 2015. **Dr. A. Mohamed Ali Jinnah, Associate Professor of English, Jamal Mohamed College, Tiruchirappalli**, gave the inaugural address. He spoke on the topic "Why Read?" He said, "Reading is nothing but habit formation. Initially one may find it difficult to read



for hours together. Once the habit is formed it is going to stay with the person lifelong. Students of literature have to regard themselves fortunate as reading is part of their curricular activity. But they have to decide what they want to read. One may read to gather knowledge or information or simply for the pleasure of it. If a person makes reading a favourite pastime it is going to pay rich dividends in the long run. Many great thinkers, scholars and scientists are voracious readers. Today the reader has the opportunity to read not only books but also e-books." He cited the example of the former President APJ Abdul Kalam who was just an ordinary boy from the small town of Rameswaram. His personal achievement was remarkable as he was an avid reader. He also told the students how to read poetry, fiction and drama not as a critic but as an aesthete. His speech was peppered with personal anecdotes and quotes which the students and staff thoroughly enjoyed. Earlier Dr. R. Elavarasu, the Head of the Department of English, welcomed the gathering and set the tone for the function by sharing his reading experience even on the train. The Principal, Dr. K. Anbarasu, in his presidential address told the students to become expert communicators. He further added that the college had been providing various opportunities to students to equip themselves to lead a decent life in future. The function was organized and conducted by the students under the guidance of Dr. D.E. Benet, the Vice-President of the English Literary Association.

### Department of English (UAP)

A Special Lecture on "The Role of English in the Modern World" was arranged by the Department of English (UAP) of our college on 21.08.2015. **Dr.C.Issac Jebastine Professor and Head, Department of English of Bharathidasan University**, addressed on the Unifying Codes of English Language. He also highlighted the usage of



English in various fields. The English Language and its importance in the current scenario with reference to various situations have been discussed. The first edition of the Writer's Forum magazine was released. Dr.K.Anbarasu, Principal, presided over the function.

### Literary Association

The English Literary Association (UAP) meeting was conducted on 07.10.2015. **Professor G.Ravindran Former Head, Department of English, St.Joseph's College, Trichy**, was the Chief Guest and spoke on "English for Employability." In his speech, Prof.Ravindran, stressed the

need for proficiency in English language to meet challenges of communication at the global level. Interacting with the students, he corrected some of their common errors. "The



learning of the English Language would make students successful", he added. Raja, III B.A English gave the Welcome Address. Dr.V.R.Mathiazhagan, Professor In-charge presided over the function. Dr. T.G Akila, Head, Department of English UAP proposed a vote of thanks. Prof. Ethina made the arrangements.

### Department of Geology

Department of Geology and Physics jointly conducted a Youth Empowerment Lecture on 15<sup>th</sup> October 2015. Dr. V. Kumar, Head of the Department of Geology welcomed the gathering. Dr. A. T. Ravichandran, Convener of the program, introduced the Chief Guest. **Wg Cdr (Retd.) C.Palanivel (Career Consultant and Talent acquisition Strategist)** who delivered a Special Lecture on "Design Your Dreams".



He said, "If you don't build your dream, someone will hire you to help build theirs. Identify and pursue a career "sweet spot", that will make you a sought-after resource." C.Palanivel spoke on "Career Success". Staff members, Research Scholars and students were present. Dr. S.Pari, proposed a vote of thanks.

### Department of Mathematics (UAP)

A Meeting of Mathematics Association (UAP) was held on 31.07.2015. **Dr.N.Sridharan, Retired Professor, Alagappa University, Karaikudi** was the Chief Guest and spoke on "Fractals". In his speech four problems were given for solution. He first introduced the fractals explaining that - Self built in symmetry is called fractals which can be seen

through the designs on the sky at sunset. He taught about the symmetry. The concept of fractals is used in the cine field to design the background and also to design the textiles. He



then taught the audience how to draw the borders and designs using the concept of fractals by interactive methods. He connected these fractals with metric space and also taught how to find the fixed point by tracing a particular image. One can find or reach a fixed point. If there is no integer dimension for a figure, then it is called fractals. Prof. I. Jenifer, presided over the function. Prof. K. Srividhya, Head of the Department welcomed the gathering. Miss. A. Geetha, II M.Sc., proposed a vote of thanks.

A Meeting of Mathematics Association (Unaided Program) was held on October 08, 2015. Prof. K. Srividhya, Head of the department welcomed the gathering. Prof-in-charge of the Unaided Programme Dr. V. R. Mathiazhagan delivered the Presidential Address. **Dr. V. Saavithri, Head and Assistant Professor, PG and Research Department of Mathematics, Nehru Memorial College, Puthanampatti** delivered a Lecture on "Radon Transform and Image Processing."



The speech mainly focused on the application of Radon Transform and Image Processing. Transform is a mathematical tool which allows us to move from one domain to another domain. Transforms do not change the information content present in the signal. Various types of transform were explained. The importance of digital images in daily life, research and technology was explained. She explained in detail how radon transform was applied in image processing, Satellite television, Magnetic Resonance Imaging (MRI),

Computer Tomography (CT), Geographical information systems and Astronomy and also she explained how to project 3D image into 2D image. She gave a live demonstration of how to transform a point or line to an image using MATLAB and also demonstrated how to change the resolution, colour and brightness of the images.

Finally J. Princy Dayana of I B.Sc., Mathematics proposed a vote of thanks.

### உ.வே.சா. பேரவை கூட்டம்

24.07.2015 அன்று நமது கல்லூரியின் சுயநிதிப்பிரிவு தமிழ்த்துறை சார்பாக உ.வே.சா. தமிழ் பேரவை கூட்டம் நடைபெற்றது. தமிழ்த்துறை தலைவர் பேராசிரியர். முனைவர். இரா.மாணிக்கவாசகன் வரவேற்புரை நிகழ்த்தினார். சுயநிதிப்பிரிவின் பொறுப்பு பேராசிரியர் முனைவர். ஏ.சு.மதியழகன் தலைமை உரை நிகழ்த்தினார். **மேலைச்சிவபுரி கணேசர் செந்தமிழ் கல்லூரியின் மேனாள் முதல்வர் தமிழாசிரியர் முனைவர். பழ.முத்தப்பன்** சிறப்பு விருந்தினராகக் கலந்து கொண்டு, நாகரீகத்திலிருந்து பிறழ்ந்து விடாத அற வாழ்வே மேலான இன்பம் என்று இலக்கியங்கள் சான்று



பகர்கின்றன என்ற பொருளில் "எது இன்பம்" என்ற பொருண்மையில் சிறப்புரை வழங்கினார். தமிழ்ப் பேரவையின் துணைத் தலைவர் முனைவர். க.புவனேஸ்வரி நிகழ்ச்சியை ஒருங்கிணைத்தார். வணிகவியல் துறை மாணவி கவிக்குயில் நன்றியுரை நிகழ்த்தினார். கணிதவியல் துறை மாணவர் தினேஷ் நிகழ்ச்சியைத் தொகுத்து வழங்கினார்.

### Zoology Association

The Zoology Association of our College was inaugurated on 14th September 2015. **Dr. B. Padmanaban, Director-in-charge, ICAR- National Research Centre for Banana, Tiruchy** was the Chief Guest. He spoke on "Pests of Banana and their management". He talked about the ICAR branches and its activities. He stated that ICAR provides 15% of funds to its branches for crop production, protection, and disease management. He explained to the students about various job opportunities available in the ICAR, especially in the entomological field. He highlighted the importance of entomological research and encouraged the students to take up research as their career. He told the students about the importance of learning taxonomy of insects while seeking a

job or fellowship in a project. One should know about the mouth parts of pests, insects which is essential for choosing proper chemicals to be used, he advised. He explained about the common pests of bananas, symptoms and the control



measures and specifically about Beauvericid a pesticide isolated from endo pathetic fungus for bio-control of banana weevil by NRCB. Longitudinal split banana stem trap has been used as eco-friendly methods to control the banana weevil. He also explained the viral and nematode diseases, symptoms, and then control measures. Likewise, rust thrips can be managed by various methods such as bunch sleeving, soil application of Phorate, and bud injection, he said. Electroantennogram was used to develop the eco-friendly pest control chemical. He stated the operation methods and the uses of GC-MS in the identification of chemicals which are attractive or repellent to the pest of bananas. Also, he explained the volatile collection of Pheromone trap by air-entrainment method.

### International Admissions Office

SSB-Shrine of overseas Learning has established an International Services (IAS) Office at National College, Trichy. The Center was inaugurated by the College Secretary Shri.K.Raghunathan. Principal, Controller of Examinations, Dean of Arts and Science faculty and **Mr.Stanley Isaac, Director and staff of SSB-SOL** were also present during the inauguration.



The Center will co-ordinate visits to foreign Universities and admissions of students within our College and from other Colleges across various disciplines and regions. The Center has been established to cater to the

needs of students from all disciplines (Bachelor, Masters and Doctoral) to pursue their education abroad around the world in over 160 Universities in 60 Countries.

Regular Lecture Programs are to be conducted in the Campus wherein faculty from various disciplines such as Arts, Science, Engineering and Humanities from reputed institutes around the globe will address students at our campus through this Centre. During such visits, apart from lecture programs for students, admissions for respective international institutes will also be conducted.

The Centre will be open throughout the year on all the working days for students to walk-in for counseling which is offered free of cost. Students and parents may find out prospective institutes and respective scholarships awarded to the selected candidates through this Counseling Program. Besides, providing opportunities for the students to undergo studies abroad, several students-exchange programs and staff-exchange programs are to be rolled out for the benefit of the partner institutions through this SSB-SOL centre at National College. Faculty and students from various disciplines in the campus will be visiting international institutions for several study and research programs. Similarly, our College is expected to host similar visits to students and staff from Institutes abroad to undergo relevant studies and part of research as it may be planned as per the mutual needs and benefits.

Through the Centre, students within the district of Trichy, and around the state of Tamil Nadu, will find quality education through attractive scholarships at affordable cost. Faculty and students of National College gathered for the inaugural function.

### Orientation Programme

The General Library of our College conducted an Orientation Programme for the freshers on 19<sup>th</sup> August 2015 to initiate them into the habit of reading and familiarize them with the art of using library resources effectively.

Dr.K.Anbarasu, Principal highlighted the subtle pleasure of reading. He advised the students to develop the habit of reading which sharpened the intellect and enriched the soul. Students should widen their reading interest beyond the subjects and syllabus to cover literature, philosophy and history.

**Dr.P.Raghavan, Librarian** observed that adolescence was the most crucial period in one's life and it was the right time to form the right habits which would propel the students to higher planes. He noted that National College with a long history of nearly a century boasts of a marvelous wealth of books on a variety of subjects. He explained the easy accessibility to various learning resources including the thousands of books and journals on the subjects as well as for competitive examinations the free browsing facility, availability of online journals and news papers and general news magazines.

Shri.K.Raghunathan, Secretary of the college noted that the Management is keen on upgrading the facilities and



subscribing to more journals and books for the library. The modern facilities in a pleasant ambience would make reading a wonderful experience to the students and staff. Prof.M.Asha proposed a vote of thanks.

### Book Release Function

A Function was held on 14.10.2015 to release the book titled "மக்களின் குடியரசுத் தலைவர் முனைவர்.A.P.J.அப்துல்கலாம் உரைகளும் நிகழ்வுகளும்". Driven by the desire to cherish the memory of the people's President and ensure the wide reach of his powerful message to the youth, three College Librarians have brought out the book. The book was authored by **Dr.M.Dorairajan, Dr.P.Raghavan, our Librarian and Dr.R.Jayapal.**

Dr.P.Raghavan, one of the authors and Librarian of



our College welcomed the gathering. He explained in an interesting manner, the specialty of the book and the efforts of the authors in writing the book. The Principal of the College, Dr.K.Anbarasu presided over the function. He recalled the achievements of the Missile Man. He noted how Dr.Kalam, from a small town in the corner of the nation, not constrained by the humble background, rose to dizzy heights of services and glory. His simplicity and humility made him the people's President. The Principal showered praise on the authors for their effort to spread the message of Dr. Kalam

Shri.K.Raghunathan, Secretary of the College released the book. The first copy was received by Dr.S.Srinivasa Raghavan, Librarian, Bharathidasan University. He observed that the superior power of inspiration of Dr.Kalam was evident from the fact that he had transformed the librarians, who were just custodians of books into creators of books. Dr.S.Eswaran, Head, Department of

Tamil reviewed the book and said that the book, presented in a racy style, was a pleasure to read and reflect. Dr.Muthuramakrishnan, Syndicate Member, Bharathidasan University and Dr.Elavarasu, Head, Department of English offered felicitations.

**Dr.M.Dorairajan, Librarian, St.Joseph's College** and one of the authors, explained how the authors were motivated to write the book. Dr.R.Jayapal, Librarian, proposed a vote of thanks.

### Core Group Meetings

#### இந்தியா 2020 Dr.A.P.J.அப்துல்கலாம்

நமது கல்லூரியில் 10.08.2015 அன்று **திரு.வெ.ரா.மதியழகன்**, பொருளியல் துறை உதவிப் பேராசிரியர் Core Group மாணவர்களிடையே சிறப்புரையாற்றினார். அவர் தம் உரையில் கூறியதாவது:

"பிணியின்மை செல்வம் விளைவின்பம் ஏமம் அணியென்ப நாட்டிற்கு இவ்வைந்து"

என்ற வான்புகழ் வள்ளுவரின் வரிகளே "இந்தியா 2020" படைக்கப்பட்டதற்கு அடிப்படை உந்துதலாக இருந்தது எனலாம். நோயில்லாதிருத்தல், செல்வம், விளைபொருள் வளம், இன்ப வாழ்வு, நல்ல காவல் ஆகிய ஐந்துமே ஒரு நாட்டிற்கு அழகு சேர்ப்பவை ஆகும். "ஆறாத சோறு, கிழியாத ஆடை, ஒழுகாத வீடு" இவை மூன்றும் எப்பொழுது ஒவ்வொரு இந்தியனுக்கும் முழுமையாகக் கிடைக்கிறதோ அன்றைக்குத்தான் இந்தியா முழு சுதந்திரம் பெற்ற நாடாக முடியும் என்றார் காமராசர்.

இந்த நிலையை அடைவதற்கு ஒவ்வொருவருக்கும் "கல்வி" உறுதி செய்யப்பட வேண்டும். விவேகானந்தர் குறிப்பிடுவது போல "ஏழைகள் கல்விக் கூடம் நோக்கிச் செல்லாவிட்டால், கல்விக் கூடங்கள் ஏழைகளின் குடிசை நோக்கிக் கொண்டு செல்ல வேண்டும். இந்தியாவில் சாமானியர்கள் செலுத்தும் வரிப்பணத்திலிருந்து இந்திய கார்ப்பரேட்டுகளின் 1.61 லட்சம் கோடி கடன்களை அரசு தள்ளுபடி செய்கிறது. இது இந்தியாவின் மொத்த GDP-யில் 1.27% ஆகும். இதனை வைத்து இந்தியாவில் உள்ள ஏழைக் குடும்பங்களைச் சேர்ந்த 15 இலட்சம் மாணவர்களுக்கு பட்டப்படிப்பு வரை இலவசமாகக் கொடுக்க முடியும்.

அதிகரித்து வரும் மக்கள் தொகைக்கு ஏற்ப உணவுத் தேவைகளை ஈடு செய்வதற்காக வேளாண்மையை ஊக்கப்படுத்த வேண்டும். அதே நேரத்தில் உணவுப் பொருள்கள் வீணாவதைத் தடுப்பதற்காக உணவுப் பொருள்களைப் பதப்படுத்துவதை மேம்படுத்த வேண்டும். ஏனெனில் இந்தியாவில் தினந்தோறும் 23 கோடி பேர் பசியோடு உறங்கப் போகிறார்கள். இது தவிர அண்டை நாடுகளின் அச்சுறுத்தல்களைச் சமாளிப்பதற்காக பாதுகாப்புத் தளவாட உற்பத்தியில் நவீனங்களைப் புகுத்த வேண்டும். மேலும் மக்களிடம் தேச உணர்வினை வளர்க்க அனைவரையும் ஒருங்கிணைக்க வேண்டும். "கிராமங்களே இந்தியாவின் முதுகெலும்பு" என்ற அண்ணல் காந்தியடிகளின் கூற்றை உணர்ந்து கிராமங்களை மேம்படுத்த வேண்டும். கடலில் கலந்துவிணாகும் தண்ணீரை வீணாக்காமல் நதிநீர்

இணைப்பை முறைப்படுத்தி மக்களின் மனங்களையும் இணைக்க வேண்டும். அப்பொழுதுதான் வளமான, வலிமையான இந்தியாவை உருவாக்க முடியும். பொருளியல் துறை மூன்றாமாண்டு மாணவி செல் வி. அனிதா நன்றியுரை வழங்கினார்.

### Modes of Preservation

On 21.09.2015 a Core Group Meeting was held on the topic "Fossils-Modes of Preservation and Uses." The following points were explained and discussed in the Meeting:

The term 'fossil' can be defined as remains of organisms, both plants and animals, which have been preserved within the sedimentary rock-beds, under favourable geologic conditions. The organisms, preserved as fossils, must be geologically ancient. The geologic conditions favourable for preservation of remains of plants and animals are the presence of hard parts in organisms and their quick coverage by sediments after the death. Fossils of distinct types are recognized on the basis of their mode of preservation. Some of the important modes of preservation of remains of plants and animals are:

- Preservation of the whole of the organism including its soft parts.
- Preservation of only the skeleton of the organisms:
- Petrifaction of the hard parts: The term 'Petrifaction' implies conversion of the remains of plants and animals into rock.
- Carbonisation: This process is restricted to the organisms possessing chitinous exoskeleton.
- Moulds of the hard parts: The hard parts preserved within sediments, may be totally removed in solution. As a result, hollows are formed within the rocks. These are known as moulds.
- Casts: When the moulds are filled up with mineral matter, these give rise to what may be described as casts. Casts retain only the external form of the hard parts.

The Important uses of Fossils:

- In understanding the evolution and migration of plants and animals through ages.
- In establishing the geological age of rock-beds and their correct order of succession in an area.
- In correlating rock-beds of different areas
- In reconstructing the ancient geography (Palaeogeography)

In forming as economically feasible deposits like Shell Lime Stone (used in cement factory)

### Microbes That Manipulated The History Of Mankind

A Core Group Meeting was conducted on 09.10.2015. **Dr.Senthil Kumar, Associate Professor of Biotechnology, National College**, was the Chief Guest and spoke on "Microbes That Manipulated the History of Mankind." Being on the top of the food chain, humans dominate this planet Earth with the capacity to control any other species found here. In spite of being the late entrants in

the evolutionary scene humans make history and write the fate of this planet. There are many theories accepted universally on reasons why humans became the dominant species on Earth.

However, the Chief Guest presented more information on how the world's tiniest species, the 'Microbes' influenced and manipulated the history of world's mightiest species, the 'Humans'. He said that political revolutionaries have turned the world upside down, whereas scientific ones very often turned it inside out. Microbes deserve a place in the history books, alongside kings, generals and heroes. They determined the outcome of war before it started, wiped out entire cultures and populations of people, left imprints on everything from economics, medicine, literature and virtually all aspects of human society.

He narrated how the potato blight caused by a fungus in 19<sup>th</sup> century changed the histories of both Ireland and the United States to which victims of the famine emigrated. Microbes were there to aid adversaries in bringing about the fall of the great Greek and Roman empires. At the outbreak of World War I, when England was separated from its European source of acetone (needed for the navy's supply of cordite), British citizens had to make do with less gin, but acetone was available, thanks to the growth of *Clostridium acetobutylicum* in those fermentation vessels, he added.

In 701 B.C., Jerusalem was an intended target for the Assyrian army, led by King Sennacherib. Advanced in warfare, possessing weapons such as battering rams and mines, the Assyrian army had conquered almost all of the Near East including the take down of 46 walled cities in the Kingdom of Judah. During the siege on Jerusalem the Assyrian soldiers started dying from an unknown lethal illness. Mortality of the army was likely due to the ingestion of pathogens that exposed them to widespread fatal infections most likely from contaminated drinking water. Had Jerusalem fallen in 701 B.C., the two daughter religions, Christianity and Islam, may never have existed. A microbe thwarted the designs and success of, at the time, the largest and the mightiest nation, the Assyrian Empire and affected the religious history of the world. This is how Christianity, Judaism, and Islam were saved, he concluded.

### Competitions

#### DAE Diamond Jubilee Celebrations State Level Inter Collegiate Quiz Competition-2015

To commemorate the Diamond Jubilee Celebrations (1954-2014), of the Department of Atomic Energy's (DAE) Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam and Indian Nuclear Society (INS), Kalpakkam Branch organized a State Level Inter Collegiate Quiz competition in Tamil Nadu. The major focus of the event was to create general awareness on nuclear science and technology, its benefits, various applications in society and also on research and career prospects. The competition for Zone 3 comprising of the districts of Tiruchirappalli,

Thanjavur, Perambalur and Ariyalur was organized in our college on 14<sup>th</sup> and 15<sup>th</sup> of July 2015. Students from almost 20 colleges participated in the Competition.

Dr.A.T.Ravichandran, Associate Professor of Physics and Convener of the Programme, welcomed the gathering. Dr.R.Srinivasan, Principal-In-charge delivered the Presidential Address. **Mrs.Jalaja Madhan Mohan, Head TC&PAS, IGCAR, Kalpakkam** gave the Inaugural Address and explained the objective of the Programme. **Shri.S.Chandrasekaran, RSD, IGCAR, Kalpakkam, Dr.N.SuriyaMurthy, Bhavini, Kalpakkam** offered felicitations. Dr.S.Ravi, Associate Professor of Physics, delivered a vote of thanks.



Dr.N.SuriyaMurthy, Bhavini, Kalpakkam, conducted the Quiz Competition for the PG students. More than 150 students from various colleges participated in the preliminary written test. Twelve teams were selected for the semi-final round and from that six teams were selected for the final round. St.Joseph's College, Trichy, won the First prize. A.V.V.M Sri Pushpam College, Tanjore won the Second prize and Jamal Mohammed College, Trichy, won the third prize.

Shri.S.Chandrasekaran and Dr.Sarangapani of RSD, IGCAR, Kalpakkam conducted the Quiz Competition for the UG students on 15<sup>th</sup> July 2015. More than 180 students from various colleges participated. The Quiz Competition was held in three stages- preliminary, semi-final and final. Bishop Heber College, Trichy, won the First and the Second prizes. Our College, won the third prize, among Under-Graduate students category.

The Winners in each category were awarded with cash prize of Rs.3000, the Runners with a cash prize of Rs.1500 and Rs.1000 cash Award for the third prize. The top three teams from UG category were qualified for the state level semifinals/final at Chennai along with the selected students from the other zones.

An Exhibition was also conducted by the DAE for the students. More than 30 posters explaining the nuclear reactions and safety precautions and a working model of a nuclear reactor were exhibited. Mrs.Jalaja Madhan Mohan, Mr.Kumar, Mr.Mohan,IGCAR, Kalpakkam demonstrated the working model and explained the posters on display. They also explained the research and employment opportunities in IGCAR.

The Valedictory Function was held on 15.7.2015. Dr.S.Pari, Head, Department of Physics welcomed the gathering, and Dr.K.Anbarasu, Principal delivered the Presidential Address. Mrs.Jalaja Madhan Mohan, Head TC&PAS, IGCAR, Kalpakkam delivered the Valedictory Address and distributed the prizes to the winners and Dr.A.T.Ravichandran, Associate Professor of Physics delivered a vote of thanks.

### Elocution contest

An Intra-department Elocution contest was conducted on 27<sup>th</sup> of August by the Department of English. Seven topics based on the efficacy of literature and about the prominent people, political leaders, sports personalities and freedom fighters were given to the students. The time duration for their presentation was five minutes. Nearly twenty five students spoke enthusiastically on different topics. **Dr.Gururaj, Head, Department of Humanities, NIT, Trichy** and **Dr.Suresh Frederick, Associate Professor, Department of English, Bishop Heber College** were the judges. K.Stalin Prabu of I M.A., English won the first place. P.Logesh of II B.A., English took the second place and S.Shantha Kumari of II M.A., English secured the third place. The judges presented their views on the performance of the students. Dr.V.Sekhar, Associate Professor, Department of



English, Co-ordinator of the National Theatres welcomed the gathering. Dr.R.Elavarasu, Head, Department of English proposed a vote of thanks.

### இந்திய ஆயுள் காப்பீட்டு நிறுவனம் தமிழ்ப் பேச்சுப்போட்டி

இந்திய ஆயுள் காப்பீட்டு நிறுவனம் அறுபதாம் ஆண்டின் துவக்க விழாவினையொட்டி நம் கல்லூரி மாணவர் களிடையே தமிழ்ப் பேச்சுப் போட்டி நடைபெற்றது. "ஆயுள் காப்பீட்டு சேமிப்பா? அல்லது பாதுகாப்பா?" எனும் தலைப்பில் இருபதுக்கும் மேற்பட்ட மாணவர்கள் கலந்துகொண்டனர். 04.09.2015 அன்று நடைபெற்ற இப்பேச்சுப்போட்டிக்கு **திரு.சுவாமிநாதன் கிளைமேலாளர், கண்டோன்மென்ட் கிளை** அவர்களும், **திரு.ஏ.ஸ்ரீனிவாசன் நிர்வாக அலுவலர்** அவர்களும், **முனைவர். சா.நீலகண்டன் உதவிப் பேராசிரியர் தமிழாய்வுத்துறை தேசியக் கல்லூரி** அவர்களும் நடுவர்களாக பொறுப்பேற்று சிறப்பித்தனர்.





எஸ்.ஜோதிமணி III பி.சி.ஏ., முதற்பரிசும், ஆர்.ஜெயலட்சுமி II எம்.எஸ்.சி. இரண்டாம் பரிசும், கே.பெரியசாமி II எம்.எஸ்.சி. மூன்றாம் பரிசும் பெற்றனர்.

இவ்விழாவிிற்கான அனைத்து ஏற்பாடுகளையும் தமிழ்த்துறை உதவிப்பேராசிரியர், முனைவர். சா.நீலகண்டன் செய்திருந்தார்.

### National Theatres - Drama Competition

An Intra-Departmental Drama Competition was held on 23<sup>rd</sup> September 2015. Five teams participated in the Competition and gave their extraordinary performances. Scenes from Shakespeare's Romeo and Juliet, Macbeth, Winter's Tale, Merchant of Venice and Othello were enacted by the students. **Dr.G.Raveendran, Former Head, Department of English, St.Joseph's College** and **Prof.Meghala of Srimath Andavan College**, were the judges for the Competition. II B.A., Students, who enacted



'The Merchant of Venice' secured the first place, II M.A., students won the second place. They enacted a scene from 'Macbeth'. I B.A., student bagged the third prize for enacting a scene from 'Othello' Dr.R.Elavarasu, Head, Department of English welcomed the gathering. Dr.V.Sekar, Co-ordinator of National Theatres proposed a Vote of thanks.

### கண்காணிப்பு விழிப்புணர்வு வார விழா தமிழ்ப் பேச்சுப்போட்டி

கண்காணிப்பு விழிப்புணர்வு வாரவிழாவை முன்னிட்டு பாரத மிகுமின் நிறுவனம் தமிழ்ப் பேச்சுப்போட்டி நடத்தியது. 12.10.2015 அன்று நடைபெற்ற இப்போட்டியில் இருபதுக்கு மேற்பட்ட மாணவர்கள் கலந்து கொண்டனர்.

\* ஊழலை ஒழிப்பதில் இளைஞர்களின் பங்கு  
\* ஊழலும் அதன் தீய விளைவுகளும்  
\* ஊழலற்ற சமுதாயம் - தனிமனித ஒழுக்கம்  
முற்றும் நேர்மையின் முக்கியத்துவம்  
தமிழ்த்துறைப் பேராசிரியர்கள் முனைவர்.  
ந.மாணிக்கம், ஆகியோர் நடுவர்களாக இருந்து  
சிறப்பித்தனர்.

கோபிநாத் III B.A., தமிழ் முதற்பரிசு, மு.பெரியசாமி II M.Sc., வேதியியல் இரண்டாம் பரிசு, மு.சத்தியா II M.A., தமிழ் நான்காம் பரிசு, தமிழ்வாணன் I B.Sc., வேதியியல் ஐந்தாம் பரிசு பெற்றனர்.



பாரத மிகுமின் நிறுவன மனிதவள மேலாளர் திரு.ஜெய்குமரன் அவர்களும், பொது மேலாளர் திரு.கணேசன் அவர்களும், இவ்விழாவிிற்கு வருகை தந்து சிறப்பித்தனர். இவ்விழாவிிற்கான அனைத்து ஏற்பாடுகளையும் தமிழ்த்துறை உதவிப்பேராசிரியர், முனைவர். சா.நீலகண்டன் செய்திருந்தார்.

### Speaker's Forum

Department of English of our College, inaugurated the "Speaker's Forum" on 19.10.2015. **Prof.G.Balakrishnan, Former Vice-Principal, St. Joseph's College, Trichy** was the Chief Guest of the inaugural function. Mr.Jerome of I M.A English welcomed the gathering. Dr.K.Anbarasu, Principal, National College delivered the Presidential Address. While speaking, Dr.K.Anbarasu stressed the importance of communicative skills.



Dr.R.Soundararajan, Co-ordinator explained the purpose of the Forum and stated that public relations is a strategic communication process that build mutually beneficial relationships between organizations and the public. Several student participants spoke on the given topic

"Developed India on 2020: Dream or Reality." Dr.G.Balakrishnan, in his Inaugural Address listed the skills of public speaking. Ms.Banu of I M.A English proposed a vote of thanks.

### ஆசிரியர் தினவிழா

நமது கல்லூரியில் 07.09.2015 அன்று ஆசிரியர் தினவிழா கொண்டாடப்பட்டது. விழாவிற் குத் தலைமையேற்ற கல்லூரி முதல்வர் முனைவர்.கு.அன்பரசு வந்திருந்த அனைவரையும் வரவேற்றார். மேலும் அவர் பேசுகையில் சிறப்பு விருந்தினர்கள் **பேராசிரியர் நாகராஜன் மற்றும் பேராசிரியர் ரெங்கநாதன்** இருவரும் தமக்கு ஆசிரியர்களாக இருந்ததனை நினைவு கூர்ந்து பாராட்டினார். தமது திருமணத்திற்குப் பேராசிரியர். நாகராஜன் அவர்கள் வாழ்த்துப்பா இயற்றி வழங்கியதையும் பெருமையோடு குறிப்பிட்டார்.



தமிழ்த்துறைத்தலைவர் பேராசிரியர். ஈஸ்வரன் சிறப்பு விருந்தினர் பேராசிரியர். நாகராஜன் அவர்களை அறிமுகப்படுத்தி பேசும்போது 35 ஆண்டுகாலம் இக்கல்லூரியில் பணியாற்றிய நாகராஜன் அவர்களின் உயர்குணங்கள், சிறப்புக்களை எடுத்துரைத்தார். சிறப்புரையாற்றிய முன்னைத் தமிழ்த்துறைத்தலைவரும் துணை முதல்வருமான பேராசிரியர் நாகராஜன் ஆசிரியர்களின் பல இயல்புகளை நகைச்சுவையுடன் குறிப்பிட்டார். முந்தைய நாட்களில் ஆசிரியர் வழியைப் பின்பற்றி மாணவர்கள் செல்லும் நிலை இருந்தது. ஆனால் இன்று அறிவியல் வளர்ச்சியும் கால மாற்றமும் ஆசிரியரும் மாணவரும் சமமாகத் தொடர்வண்டிப்பாதை போல் செல்லவேண்டியுள்ளது என்றார். கல்லூரியின் அபரிமிதமான வளர்ச்சிளைப் பாராட்டி வாழ்த்தினார். இதற்குக் காரணமான கல்லூரிச் செயலரையும் கல்லூரி முதல்வரையும் பாராட்டினார்.

தாய் தந்தைக்குப்பின் குரு எனப்படும் ஆசிரியரை மதிக்க நம்முன்னோர் அறிவுறுத்தியதன் காரணத்தை எடுத்துரைத்தார். திருக்குறள், உபநிடத மேற்கோள்களைச் சுட்டி ஆசிரியரின் பெருமைகளையும் கடமைகளையும் உணர்த்தினார். ஆசிரியர் என்பவர் கற்றுக்கொண்டே இருக்க வேண்டியதால் அவர்களுள் மாணவர்களே என்றார்.

மாணவர்களின் தகுதியும் தேவையும் அறிந்து செயல்படுபவரே சிறந்த ஆசிரியர் என்ற பெயர்பெற முடியும். மேலும் தாம் முதலில் குற்றமில்லாமல் கற்றுத்

தெளிந்த பின்னரே அதனை மாணவர்களுக்கு எடுத்துணர்த்த வேண்டும் என்றார்.



இயற்பியல் துறைத்தலைவர் முனைவர். பாரி சிறப்பு விருந்தினர் பேராசிரியர். ரெங்கநாதன் அவர்களின் இயல்புகள், அவர் ஏற்ற பொறுப்புக்கள், நல்லாசிரியப்பணி ஆகியவற்றைச் சுட்டி அவைக்கு அறிமுகப்படுத்தினார். சிறப்புரையாற்றிய பேராசிரியர். ரெங்கநாதன் அவர்கள் தம்முடைய ஆசிரியர்களை நினைவு கூர்ந்தார். மேலும் தம்முடைய மாணவர்கள் இன்று ஆசிரியர்களாக இருப்பதையும் சுட்டி மாணவர்களை ஊக்குவித்தார். கடின உழைப்பும், விடாமுயற்சியும், எடுத்த செயலை முடிக்க வேண்டும் என்ற உறுதியுமே இயற்பியல் துறையில் தாம் கற்றதும், கற்பித்ததும் எனப் பெருமையுடன் குறிப்பிட்டார். இயற்பியல் துறை இன்றுள்ள நிலைக்கும் தமது கால நிலைக்குமுள்ள வேறுபாட்டினையும் சுட்டி இவ்வளர்ச்சியினைப் பயன்படுத்தி முன்னேற வாழ்த்தினார்.

நிகழ்ச்சியைத் தொகுத்தளித்த தமிழ்த்துறைப் பேராசிரியர். இரா.சபாபதி தமது ஆசானை அழைத்துச் சிறப்பித்த கல்லூரிச் செயலருக்கும் கல்லூரி முதல்வருக்கும் நெஞ்சார்ந்த நன்றியினைத் தெரிவித்ததோடு முறையான நன்றியுரை வழங்கினார்.

### NCC

#### Free Eye Check up Camp

The 3 (TN) Air SQN (TECH) NCC Flight of our College in collaboration with Mahatma Eye Care Hospital, Tiruchirappalli conducted a Free Eye Check Up Camp on 14.07.2015 at the College. The inauguration of the camp was presided over by Dr.K.Anbarasu, Principal. He exhorted the NCC unit to



undertake such socially beneficial programmes on a large scale.

**Wg Cdr Alex Mathew, Commanding Officer, 3 (TN) Air Sqn (Tech) NCC, Tiruchirapalli** inaugurated the Camp. He appreciated the involvement and dedication of the NCC cadets in pursuit of such social causes. He advised the Cadets to spread their efforts to cover rural areas so that the poor can also be benefited. He praised the Mahatma Eye Care Hospital, Tiruchirapalli for their active co-operation and commitment. Flight Lieutenant Dr.R.Sundhararaman, welcomed the gathering. Flight Cadet Sahanadevi proposed a vote of thanks. Nearly 500 students, Members of Staff and NCC personnel underwent eye check up.

### Anti Tobacco Rally

A Special Rally to create awareness of the evil effects of tobacco was organized by Flight B II, 3 (TN) AIR SQN (Tech) NCC Unit of our college on 11.08.2015. The Rally started from the College Campus at 10.30 a.m. Leading Flight Cadet Mr.Dhineshbabu read out a pledge against the use of tobacco in any form. Dr.K.Anbarasu, Principal flagged off the



Rally. He spoke about the noxious effects of nicotine and other tobacco components eloquently and advised the students to say a firm "No" to Tobacco. He appreciated the students for their commitment to public interest and community development. He directed the students to pursue their anti-tobacco efforts vigorously on a continuous basis.

The Rally led by the College Flight Commander and Controller of Examinations Flight Lieutenant Dr.R.Sundhararaman, proceeded from the College via Milaguparai, N.Gopaldass Diamond Mart, District Collector's Office, Sangam Hotel, Major Saravanan Circle, Vestry Anglo-Indian Higher Secondary School and back to the College in the same route. 70 NCC (Air wing) Cadets participated in the Rally and raised slogans against the use of Tobacco. They carried placards containing slogans for creation of awareness as well as the evils of Tobacco. They distributed pamphlets highlighting the dangers of Tobacco use.

### Blood Donation Camp

A Blood Donation Camp was organized by NCC Army wing in coordination with Mahatma Gandhi Memorial Govt. Hospital, Trichy on 24-08-2015. 150 Cadets and students

donated their blood. **Major. S. Palanivelu, Deputy Chief Security Officer DGM, Bharat Heavy Electricals Limited (BHEL), Trichy** inaugurated the Camp and spoke on the importance of Blood Donation. Dr.K.Anbarasu, Principal, National College, presided over the Blood Donation Camp.



Company Commander of NCC Army wing Lt. Dr.K.Ramar delivered the welcome address. Army wing Senior under - officer S.Dhanapal proposed a vote of thanks.

### Free blood grouping camp

The NCC (Airwing) of our College conducted the Blood Grouping Camp on 25.08.2015. Dr.K.Anbarasu, Principal, presided over the Camp. He congratulated the NCC (Airwing) Unit of the College for taking up the project which has immense social benefit. He encouraged them to do more such socially beneficial works. **Dr.N.Balasubramanian, Former Dean, K.A.P. Government College, Tiruchirapalli** and Medical Superintendent, SRM Group, Chennai Medical College Hospital and Research Centre, Irungalur, inaugurated the Camp. He highlighted the importance of blood grouping and blood donation. According to him, blood grouping and donation often determines life or death. Earlier, Flight



Commander and Controller of Examinations Flt.Lt.Dr.R.Sundhararaman welcomed the gathering. Members of the staff from various departments, students Cadets, Air Force Officers and others attended the function. Nearly 500 students were benefited by the Camp as it helped them to identify their blood group. From 2008 onwards a Blood Donor Directory has been regularly released each year. This year also it has been proposed to bring out a Directory and the first step is to identify the blood group. Flight Cadet

Ms.Yamini, II B.Sc., Geology proposed a vote of thanks and Flight Cadet Mr.Logesh compeered the Programme.

### Junior JCI Wing

Junior Jaycee Wing organized a One Day Training Programme on 15.10.2015. The Welcome Address was delivered by Jc.V.V.Kumaran President Junior Jaycee Wing. The Inaugural Address was given by Dr.K.Anbarasu, Principal. During his speech he stated that students should develop not only the academic skill but also take part in co-curricular activities like NSS, NCC, Sports and Club activity. Without these opportunities one will never survive in this competitive world. He added that JCI develops the leadership quality which one must utilize.

The Training section was handled by Trainer **Vijayamithra**. He said that one must live in this world of society like "ASK". The main task is ASK (A-Attitude, S-Skill, K-Knowledge). Dr.V.R.Mathiazhagan, Professor In-charge spoke on "Time Management". He explained how the



students were wasting their valuable time and how they should utilize their spare time.

In his Valedictory Address, the Chief Guest **Dr.V.Shri Ramachandran** described the JCI creed. Junior Jaycee secretary Dev Pradeep proposed a vote of thanks.

### Rotaract club

The Rotaract Club of our College had their Installation Function on 28<sup>th</sup> August, 2015. Rtr.M.Prabhakaran, welcomed the gathering. Presidential Address was delivered by Rtn.K.Raghunathan, Secretary of our College. The annual report of previous year was presented by Rtr.R.Vignesh Ram. The Chief Guest was **Rtn.PDG.G.Gopal Past Dist. Governor RI.3000 Pudukottai** District. The Chief Guest delivered a thought provoking speech on how to improve



oneself and stated that a Rotaractor is not meant to help others but to motivate and develop oneself to become a good leader. He also narrated inspirational stories to capture the attention of students.

The New Office Bearers were installed by the Chief Guest Rtn.PDG.G.Gopal RI.3000. The incoming President gave his acceptance speech saying that he would do his best to serve the student community to help and develop their leadership qualities.

As a part of the Installation Project, in order to salute our former president Dr.A.P.J.Abdul Kalam, a Tree Plantation Programme was conducted. Dr.K.Anbarasu, Principal, of our college, Rtn.A.Alagappan, President, Rotary Club of Trichirapalli and Dr.V.R.Mathiazhagan, Professor In-Charge (UAP) National College felicitated. Rtr.T.Jaimanivel proposed a vote of thanks.

### நுண்கலை மன்ற விழா

31.08.2015 அன்று நுண்கலை மன்றத்தின் சார்பில் '98.3 ரேடியோ மிர்ச்' குழுவினரை சென்னையில் இருந்து தேசியக் கல்லூரிக்கு அழைத்து நுண்கலை மன்ற மாணவ மாணவியரின் தனி மற்றும் குழுவாக Classical, Folk, Western Dance மற்றும் Drama, Mimicry, Song மற்றும் பல்வேறு நுண்கலை நிகழ்வுகளின் திறமைகளைக் கண்டு பரிசுகள் வழங்க கல்லூரி செயலர், முதல்வர் ஆகியோர் ஏற்பாடு செய்து இருந்தனர். நுண்கலை மன்ற ஒருங்கிணைப்பாளர் பேராசிரியர். பெ.பரிமளசேகர் அவர்கள் விழாவிற்கான அனைத்து ஏற்பாடுகளையும் முன்னின்று நடத்தியதோடு மட்டுமல்லாமல் மாணவ மாணவியரை தயார் செய்தும் ஊக்கப்படுத்தியும் போட்டிகளில் பங்கேற்க வைத்தார்.

நிகழ்ச்சியின் போது நுண்கலை மன்றத்தைச் சார்ந்த மாணவ மாணவியர் மட்டுமின்றி ஒட்டு மொத்த கல்லூரி மாணவ மாணவியரும் அவர்கள் நடத்திய



பல்வேறு போட்டிகளில் கலந்து கொண்டு தங்கள் திறமைகளை வெளிப்படுத்தி சுமார் 25,000 ரூபாய்க்கும் மேற்பட்ட பரிசுக் கூப்பன்களையும், பரிசுப் பொருட்களையும் வென்றனர். நிகழ்ச்சி சுமார் 3 மணி நேரத்திற்கும் மேலாக நடைபெற்றது. கல்லூரியின் செயலர் கா.இரகுநாதன், முதல்வர் மு.அன்பரசு அவர்கள் அனுமதியுடனும் ஆசியுடனும் நடத்தப்பட்ட இந் நிகழ்ச்சிக்கு பொறுப்பு முதல்வர் பேராசிரியர்.சு.சீனிவாசன் மற்றும் நுண்கலை மன்ற

ஒருங்கிணைப்பாளர் பேராசிரியர். பெ.பரிமளசேகர் ஆகியோரின் வாழ் துரைகளோடு ஏராளமான பேராசிரியர்களும் கலந்து கொண்டு விழாவினைச் சிறப்பித்தனர். மாணவ மாணவிகளுக்குத் தரப்படும் இப் பயிற்சியின் முயற்சியினால் பாரதிதாசன் பல்கலைக் கழக BDU FEST கவிதைப் போட்டியில் முதல் பரிசை பெற்று கல்லூரிக்குப் பெருமை சேர்க்கும் வாய்ப்பு கிட்டியது.

## Girls Hostel

### Fresher's Day Celebration

The Fresher's Day of the girls hostel of our college was celebrated on 11<sup>th</sup> August, 2015. Dr.K.Anbarasu, Principal delivered the Presidential Address. In his Address, the Principal advised the students to improve their knowledge and their communication skills. **Mr.V.K.Boominathan, M.Com. M.Phil., B.L., Reader (Retd), Department of Commerce, Bishop Heber College, Tiruchirapalli** was the Chief Guest. He gave an inspiring talk on the topic "Be Sociable", in a very simple and friendly way.



He stressed the importance to learn the skills, express the knowledge otherwise there is no use of intelligence. One has to develop communication skills. He advised the students to read the English grammar book written by Wren and Martin and to be thorough with the use of conjugation verbs. He also advised them to improve their language by reading newspapers daily and story books too. People possess enough knowledge to distinguish between the right and the wrong.

The best asset for a human being is relationships. By building trust one can be sociable. Only when people get to know each other mutual trust may be developed, as the English proverb says, 'From many acorns grow the mighty oak trees.' One has to develop positive mental attitude. Attitude is the standard way of responding to standard happenings in life. Though life is a mixture of good and bad, only positive vibrations will make us happy. He advised the students to avoid watching serials lest they should turn out to be anti-social elements as depicted in serials. But they should watch news channels and other informative channels. "If we grumble about what we don't have, then we will not have time to be happy with what we have" he said. Education is the only device that can eradicate poverty. 'Selfless work and hard

work is important in one's life' are the golden words of our former President late Dr.A.P.J.Abdul Kalam. At the end he added, think positively, network well, exercise daily, eat daily, eat healthy, work hard, stay strong, build faith, worry less, read more, be happy, volunteer free, relax often, love always and live forever.

Ms.a.Jayalakshmi of III B.A., English welcomed the gathering. Ms.K.B.Shalini of I B.Sc.Geology proposed a vote of thanks. The Deputy Warden Dr.S.Sunitha, and the Assistant Warden Ms.R.Lakshmi made arrangements for the Celebration.

### புதிய பூக்கள் பூக்கட்டும்

A Meeting was organized in the Girls Hostel on 10<sup>th</sup> September, 2015 for the benefit of the hostel girls. The Chief Guest was **Mr.Siva Murali, M.A., B.Ed., Tamil Teacher, J.F.Hr.Sec.School, Pulivalam, Tiruchirapalli**. He delivered an inspirational speech on the topic "புதிய பூக்கள் பூக்கட்டும்" He advised the students to think newly and not to brood over by thinking negatively. He advised them to gather as much information as possible, of the world and to put good ideas into practice. Now-a-days, students are capable of receiving up-to-date information. So they do not face any difficulty in getting new ideas. Teachers are the ones who mould the students and make their future bright. They get a chance to exhibit their talents only within the walls of educational institutions. Hence they ought to bring fame to their parents and teachers. Students ought to be grateful to them and to



their parents. Students have to cross several hurdles in their life in order to achieve success. This is possible only if they possess a positive attitude. By thinking good things, one will be blessed with good happenings in life. We should never forget the fact that we are what we think. Our thoughts will decide our course of actions and hence our future. We have to think differently. People become great only because they do things differently. When we choose a positive attitude, we will be able to notice a lot of positive qualities in people and ignore their defaults and we will be able to create more meaningful friendships and great relationships. Success becomes easier with positive thoughts. Appreciation and gratitude can bring more of good thing into one's life. So let's be thankful and let's count our blessings.

Ms.V.Ramya of I B.Sc., Geology welcomed the

gathering. Ms.V.Soundarya of III B.Sc., Mathematics proposed a vote of thanks. Ms.V.Priyadharsini of I B.Sc., Geology was the master of ceremony.

## Yuva Installation Program

### Youth For Unity and Voluntary Action

The installation ceremony of the "YUVA" chapter was held at the National College Tiruchirapalli on 26th September. **Shri Ponnambalam Balakrishnan of young Indians, Trichy**, installed the office bearers for the year 2015-16 and delivered the installation address. Nowadays youth raise up to this level of courage and stop their work. A very few achieve. The energy of the youth is to be channelized to take up voluntarily any sort of activity for nation building. In spite of diversities among the youth of India, they are united for a



common cause. The areas for the upliftment of the youth are to be identified based on their talents. Communication skills are to be developed, apart from their inherent talents. The youth are to be harnessed for socio-political well being. Their contribution towards the nation building efforts are to be identified and put to use for the rural masses, through regular training and innovative programmes.

This is the primary role of "YUVA" for the youth and student community for coordinated urban and rural upliftment, he added. **Shri Prative Chand, Co-chair, young Indians, and CEO of Care group of institution**, told that the installation of office bearers, gives them an identify to take up any task that comes under their scanner. Dr. R. Srinivasan Vice Principal of National College, spoke on the duties and rights of the youth. While performing one's own duties, he automatically has every right to demand for his rights. Since Indian happens to be a country with maximum youth population in the world, the key to success lies in their hands. Drastic changes to the altitude of the youth are to be effected, so that, by 2020, India shall become a powerful, self-rellant nation. Dr. D Prasanna Balaji, Director and Head, Research department of physical education and sports sciences of National College, coordinated the ceremony.

## SPORTS

### Summer Camp 20<sup>th</sup> April to May20<sup>th</sup>, 2015

The dawning of the Sun in the summer goes with

Sports Camp at National College. The National College Sports Academy effectively engages the children during the Summer Camp. Sacrificing the entertainments of the drawing room idiot box, the children are drawn to the



grounds, for a meaningful training and practice of different types of sports and games. Cricket, Foot Ball, Athletics, Martial Arts like Kung Fu, Taekwondo are the major sports events that drew maximum enrolment. Intensive training was provided by the experts in the respective discipline.

The improved infrastructure in sports provided maximum output. The beneficiaries were children in the age group of 6 to 20. The lecture-cum-demonstration of the individual events on the stage attracted the participants to the little popular and non-lucrative sports and games, making them adopt novel ways of promoting them. The youngsters felt that the impact of physical exercises and sports brings in, concentration in any discipline, decision-making in any crisis and leadership in any profession.

### World Yoga Day Celebration

The International Yoga Day was celebrated on 21st June at National College, Tiruchirapalli-01, A total of 205 persons participated for the sessions from Trichirapalli.



Mr. Vishnu Narayanan a student of B.Sc Physical Education performed Yoga between 7 am and 7:30 am. Different yoga postures like Vrikshasana, Uttaanaasana, Trikonaasana, Bhadrasana, Shashankaasana, Bhujangasana, Pawana Muktaasana, finally ended with Pranayama and meditation.

## National College Trophy 25<sup>th</sup> & 26<sup>th</sup> July

The Research Department of Physical Education and Sports Sciences, National College, organized an inter-collegiate cum Corporate Sector Cricket Tournament on 25<sup>th</sup> and 26<sup>th</sup> for the National College Trophy. 16 teams participated in the T-10 tournament where it combined bidding-cum-knock-out and league in a novel method. The winner of the bid is qualified for the next round. The qualifying rounds were played by the Rover Engineering College, Perambalur and V Dart Pirates. Hans Rover qualified for the Second Runner Up. MAM College of Engineering, Siruganur, was placed as the first runner up. Royal Enfield won the tournament. Sports enthusiasts, sportsmen and students participated in large numbers watched the game and learnt the methods.

**Shri.RaviMurugaiah, Chairman, Vasan Estates,** presided over the Valediction. While distributing the National College Trophy to the winners, he observed that the meeting of the Educational Institution with the Corporate Sector in



Sports is an ever new idea floated by Dr.PrasannaBalaji, which would become the order of the day, in future. It bridges the budding stars with the business giants. The fixtures too were novel. The game was short, sparkling and sweet, he added.

Shri.K.Raghunathan, Secretary, National College, appreciated the efforts of the Research Department of Physical Education, paving new ways in making the sports-lovers rejoice. The pace of the game has become more rapid, increasing the heartbeat of the spectators. The reduction in the duration of the game from 5 days to 3 days, 50 overs to 20 overs and subsequently 10 overs to 5 overs in the finals, makes the game challenging and absorbing, he observed. Dr.D.PrasannaBalaji, the conveyor of the tournament proposed a formal vote of thanks.

### Sports as a Career

The Virtues and scope of sports professional were highlighted by '**Padmashri**' **V.Bhaskaran, Former Captain of the Indian Hockey team** to enlighten the students of Physical Education. A Lecture on "Sports as a Career", was organized by the Research Department of Physical Education and sports sciences on 1-08-2015. Mr.Bhaskaran identified the avenues in which sportsmen are

most sought after. A strong mind and a healthy physique with commitment to the profession are the basic necessities, he said, sharing some of his experiences. Earlier, there was an audio-visual presentation on Bhaskaran and the steps he took to become a top hockey player.



**Derrick Alex of "V Dart" Private Ltd.,** Trichy, presented a Citation to Dr.D.Prasanna Balaji for his service to the sports fraternity.

### The Third District Ranking Table Tennis Tournament - 8<sup>th</sup> August 2015

National College organized the third district ranking table tennis tournament, in association with Trichy District Table Tennis Development Association (TDTTDA), on 9<sup>th</sup> and 10<sup>th</sup> of August 2015, at the Indoor Stadium of the College. There were ten events earmarked for Mini-cadet Boys and Girls, Cadet Boys and Girls, Sub-junior Boys and Girls, Junior Boys and Girls, Youth Boys, Women Singles, Men Singles, Non-medalist singles, Open doubles and Veteran Singles. The events were inaugurated by The International Shooter Champion and **Prince of Pudukkottai Samasthanam Shri Prithviraj Thondaiman.** Dr V.R. Mathiyazhagan,



Professor-in-Charge, Unaided Programmes of National College, felicitated. Dr D PrasannaBalaji, Head and Director, Department of Physical Education and Sports Sciences, National College, coordinated the events, along with R. Jayaraman, Secretary TDTTDA and tournament committee member Major P. Ponnurangam. The members of the Advisory and Tournament committees and observers were also present during the events. There were a total of 200 entries to this tournament.

## Taekwondo Tournament

National College organized district Taekwondo Championship, in association with Trichy District Taekwondo Association, on 20 and 21st of September 2015, at the Indoor Stadium of the College. The tournament was inaugurated by Shri.RaviMurugaiah, Chairman, Vasan Estates. Dr V.R. Mathiyazhagan, Professor-in-Charge, Unaided Programmes of National College, felicitated. Dr D PrasannaBalaji, Head and Director, Department of Physical Education and Sports Sciences, National College, Trichy



coordinated the programme. The members of the Advisory and Tournament committees and observers were also present during the events. There were a total of 160 entries to this tournament.

## Yongmudo Championship Tournament

National College has organized 1st Tamilnadu State yongmudo Championship, in association with Trichy District Yongmudo Association, on 24th and 25th of October 2015, at the Indoor Stadium of our College. The tournament was inaugurated by Mr.Kumar, Member of Parliament, Trichy.



**Shri.RaviMurugaiah, Chairman, Vasan Estates,** presided over the Valediction. The members of the Advisory and Tournament committees and observers were also present during the events.

## Inter Collegiate Cricket Tournament 2015

National College has emerged victorious in the Bharathidasan University inter-zonal inter-collegiate cricket tournament.

Twenty seven colleges in Tiruchi zone and 22 colleges in Thanjavur zone took part in the tournament. Two colleges from each zone National College and Kongu Arts and Science College, Karur, (Tiruchi zone) and J.J. College of Arts and Science, Pudukottai, and TBML College, Porayar, (Thanjavur zone) qualified for the inter-zonal four-team league held at J.J. College of Engineering and Technology here.

National College won all the matches in the four-team league to clinch the top spot. Kongu Arts and Science College (two wins) and J.J. College of Arts and Science (one win) finished second and third respectively.

The star performers for the winning team in the inter-zonal phase were A. Kaviarasan, who scored 124 runs and took nine wickets in three matches, and V. Balasubramanian, who scalped 12 wickets in three matches. K. Jayaraja, Director of Physical Education, J.J. College of Engineering and Technology, gave away the prizes in the presence of A. Palanisamy, Associate Professor and sports secretary, Bharathidasan University, and D. Murugaraj, Director of Physical Education, AVVM Sri Pushpam College.



K. Raghunathan, secretary, National College, K. Anbarasu, Principal, and D. Prasanna Balaji, Director of Physical Education, felicitated the players.

## Inter Collegiate Weightlifting, Powerlifting and Bodybuilding Competition Dec 8<sup>th</sup> To 10<sup>th</sup>, 2015

National College has organized Bharathidasan University Inter-Collegiate Weight lifting, Powerlifting and Bodybuilding Competition on 8<sup>th</sup> to 10<sup>th</sup> of December 2015, at the Indoor Stadium of our College. The tournament was inaugurated by the Secretary Sri.K.Ragunathan.





## Special Lecture

The Research Department of Physical Education has Organised invitation lecture on Adapted Physical Education. The resource person was **Dr.M.S.Nagarajan, Director of Special Olympics, South Asia Pacific** with the students of Physical Education and Sports Scientists, on 4th January 2016.



## Yoga Training And Physical Jerks

Invited lecture - Science of Aerobics - Group of Students of BSc. Physical Education with the Resource Person Dr Jothi Dayanandan of YMCA College, on 21st July 2015.



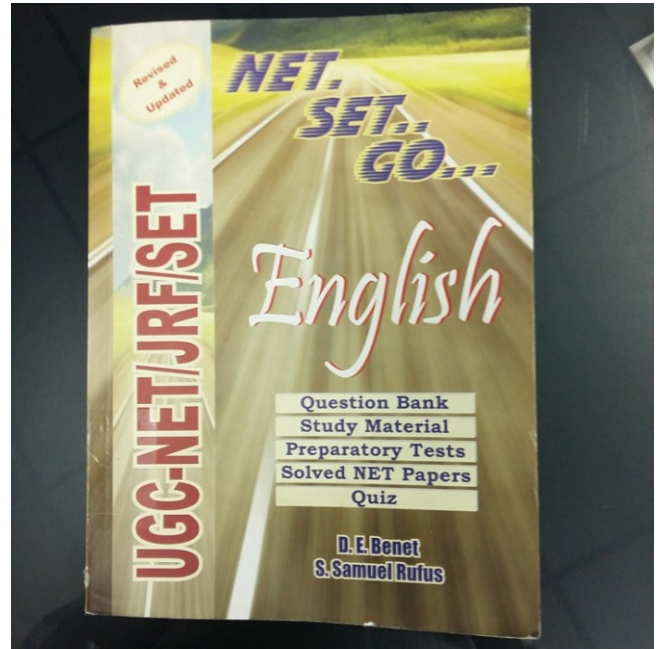
## Swiss Ball Workshop 18<sup>th</sup> Dec, 2015

One day Workshop on Swiss Ball conducted by **Shri C. Vijay, CEO, Smart Wellness** with the participants and students of Physical Education and Sports Scientists, on 18th December 2015.



## News at a Glance

- Dr.D.E.Benet, Associate Professor, Department of English is regularly conducting preparatory classes for NET/SET, English Examinations for the past 5 years. The classes attract aspirants from far and near. More than 200 students have cleared the exams so far. Dr. Benet has also published a Guide for the NET/SET exam.



- Students of Physical Education celebrated Karthigai Festival. The entire Library building was lighted with lamps.



- Dr.V.M.Ananthanarayanan participated in the 35<sup>th</sup> Teachers Training Programme organised by the Indian Centre for Research and Development of Community Education, a co-ordinating Agency for Community Colleges in India from 2<sup>nd</sup> to 7<sup>th</sup> November 2015.



Dr.V.M.Ananthanarayanan Professor of Sanskrit published a Book titled "Kartaviryararjuna Upasana Paddatih. The book was released by Hon.Minister for Food and Agriculture, Government of Tamilnadu Thiru.Vaithiyalingam.

- Seven of our Professors have been awarded with the Ph.D degree. They are 1. Dr.Akilashre of Computer Science, 2.Dr.Akila of English, 3.Dr.K.Govindaraj of Zoology, 4.Dr.Saveriyar Duraisamy and 5.Dr.Rathnamani, 6.Dr.Nirmal of Commerce and 7.Dr.K.Rajesh of Economics.



- Dr.Gurunathan, Department of Biotechnology got married to Smt. Nagalakshmi.



- Principal offering Pooja to Goddess Saraswathi at his chamber on Saraswathi Pooja Day.



- All the Departments in the College celebrated Saraswathi Pooja.

- Ms.Marina of III B.Sc., Computer Science bagged the I Prize in the Essay Competition on "Science and it's use in Everyday Life" conducted by E.V.R.College Trichy.

- Dr.C.Ashok Kumar, Retired, Department of Zoology donated Rs.50,000/- to the Endowment Fund to give away prizes for outstanding students in Zoology.



- Dr. Prasanna Balaji, Director of Physical Education and also NSS co-ordinator has been appointed as the Trainer and Resource Person to train NSS volunteers of the Southern States by the Ministry of Youth Affairs and Sports, Government of India.

- Our College participated in the Marathon "Run for your Heart" organised by KMC, Trichy.



- Sri.Keezhambur Sankara Subramanian, Editor, Kalaimagal spoke on the opportunity for the students of Journalism Course. In his speech, Keezhambur highlighted that Mass media is the only tool to reach the Public easily. So, it is a golden chance for the students to take up this task, get trained and shine well in the field of journalism.



- "Vinayagar Chathurthi" was celebrated at the Temple of the College deity Jaya Vinayagar and boys hostel deity Sri Vidhya Ganapathy.



- The Independence Day was celebrated. Prof.Dr.Narayanasamy, Head, Department of Commerce hoisted the National Flag and addressed the audience.



- The Anti-ragging Committee of our College met on 11.08.2015. Dr.K.Anbarasu, Principal explained the duties and obligation of the Committee.



- Prof.Dr.R.Elavarasu, Head, Dept. of English organised the Fresher's Day on 03.08.2015 exclusively for the Department of English.
- The Bridge Course for the first year students was conducted for 21 days. Dr.K.Srinivasan co-ordinated the Course.
- Both the UG and PG Laboratories of Chemistry Department have been throughly modernised. They now boast of very high standards and state of the art facilities.
- The College paid homage to Dr. A.P.J.Abdul Kalam, Former President of India. Floral tributes were paid and a minute's silence in Prayer was observed for the soul to rest in peace.



- Dr.M.N.Abubecker, Head, Dept. Of Bio-Technology has been appointed as an Editorial Board Member of the "Global Academic Research Journal" published from South Korea.
- The National Institute of Ocean Technology, Ministry of Earth Sciences, Government of India, has awarded a Research Project to Dr.S.Selvaraj, Dept.of Geology titled "Field Investigations for Shore line Managment along the Coastal Stretch between Poovar and Thuthukudi," Tamilnadu Coast.

- Dr.K.Anbarasu, Principal was sanctioned with a Major Research Project by the Ministry of Earth Science titled "Sea level Changes along the Coast of Tamilnadu."



Dr.Senthil, Dept.of Bio-Technology is the co-investigator along with the Principal for the Major Project "Sea Level Changes along the coast of Tamilnadu".

Dr. Manoj Kumar Jaiswal, from Indian institute of science education and research, kolkotta, is interacting with the students at the project site.

- Dr.Mohammed Jabir has been awarded an UGC Research Programme titled "Molecular Investigation on ADHD/Hyper Activity due to Micro Nutrient Deficiency".

- Dr.S.P.Anand has been sanctioned with a UGC Major Project on "Characterization of Bio-Active and Bio-Chemical Constituents in some Wild Edible Fruits".

- Dr. V. Nandagopalan has been awarded a UGC Major Research Project titled "Chemical Approach for the Screening and enhancement of Secondary Metabolites in selected Medicinal Plants".

- During this semester 14 Faculty Members of our College have produced 16 Ph.D scholars successfully. In every Convocation of Bharathidasan University more number of Ph.D scholars receiving degrees are from our College.

- During this semester 14 teachers of our College have published Research Articles in reputed Journals.

- **Face Book :** Thiru.K.Raghnunathan, our College Secretary has a Face Book Page in the name "Raghnunathan Kalamegam." All the activities of the College are posted in the page everyday. All are requested to send a friend's request to "Raghnunathan Kalamegam" to update themselves regarding all the happenings in the College.



- **Geology :** The Department is preparing a Plan for "drainage" based on geological mapping of the city of Trichy. The Plan includes the key takeaways like, if there is a natural slope, there will be no flooding; (an average 1.5 a.c unit can produce 50 to 60 litres of water; water discharged by Acs can be re-used after adding some salts; sand mining permits should be based on sedimentation rate of save the rivers and City's expansion should be in relatively arid and semi-arid belts).

Students of the Department of Geology went for a practical training to the Project Site at Thithuraipoondi where the Principal has started core drilling for his project. Dr.K.Anbarasu, Principal, Dr.Kumar, Head, Dept of Geology accompanied the students. Dr.Manojkumar Jaiswal, Indian Institute of Science, Education and Research, Kolkatta was also present and interacted with the students at the Project Site.

- Our College in association with the Ramajujan Maths Society organised the 3<sup>rd</sup> & 4<sup>th</sup> Outreach Programme. The topics, Linear Algebra, Rear Analysis and Algebra were covered by Dr.C.Durairajan, Dr.P.S.Srinivasan and Dr.R.Balakrishnan.

### Visit Abroad

Dr.K.Srinivasan, Dept.of English went to Malaysia to present a Paper titled "Avvaiyar and Deconstruction" in a conference organised by the Department of Indian Studies, University of Malaya, Malaysia. He has also been appointed as a Member of the Editorial Board of the International Journal "Tamil Peraiyvu" published by University of Malaya.

Dr.K.Anbarasu, Principal had been to Japan to attend The International Union for Quaternary Research XIX Congress 2015 wherein he presented a Research Paper titled "River Migration an Evidence for Neotectonic Activity along the Coast of Tamilnadu". It was the Emperor of Japan who was the Chief Guest for the inauguration of the Congress.



Dr.Senthil, Dept.of Bio-Technology as the co-researcher along with the Principal also went to Japan to attend the International Union for Quaternary Research XIX Congress 2015.

### Core Groups

For more than 5 years the College has been conducting the Core Group Meeting for the students. From each branch, achievers were selected for this group who were given training to develop their life skills. During this semester 6 meetings were conducted. The Resource Persons and the topics of the meetings are as follows:

1. Dr.S.Senthilkumar - Microbes that Manipulated the History of Mankind.
2. Dr.V.Kumar - Fossils Modes of Preservation and Uses
3. Dr.Raja Muthrulandi - Disclose or not to (Right to Information Act)
4. Dr.V.R.Mathiazhagan - Dr.A.P.J. Abdul Kalam's Vision 2020
5. Dr.M.N.Abubeckar - Airborn Alergens
6. Dr.K.Alex - College to Corporate

### Birthday Celebration of Dr.A.P.J.Abdul Kalam

The Birthday of Dr.A.P.J.Abdul Kalam was celebrated by the P.G and Research Dept of English on 15.10.2015.

**Dr.Papu Benjamin Elango former Head, Department of English St.Joseph's College (Autonomous) Trichy** was the Chief Guest and spoke on "True Dreams" Dr.R.Sundararaman, Controller of Examinations, National College (Autonomous) presided over the function. In his presidential speech he said that the vision of Abdul Kalam would be fulfilled by the present youth. Dr.Papu Benjamin Elango, in his Address, quoted many lively incidents from Kalam's life which could be an inspiration for the aspiring young minds. He also recollected Kalam's association with St.Joseph College, Trichy. Earlier Ms.Azulu Banu of I M.A welcomed the gathering. Dr.R.Elavarasu, Head, Department of English proposed a vote of thanks.

● **NCC:** The NCC Naval Wing Officer Dr. S.Selvaraj attended the Basic Leadership Camp at Sathyamangalam. The Camp trained the Naval Officers in the areas like Personality Development, Leadership Qualities and Communication Skills.



The Naval Cadets of our College participated in Nansainik Selection Camp at Pondicherry. The cadets received training in Boat Rowing and Pulling.

### Healthy Practices

The Management of the College arranges a Meeting of all the teachers on the last Working Day of each semester. It gives an opportunity for the Management to appreciate and recognize the teachers who had put in little more effort than their regular duties during that semester.

These teachers had arranged Seminars, Workshops, qualified themselves with Ph.D degrees, guided scholars and contributed research articles in reputed journals. All these teachers were presented with mementos and gift cheques.

The Principal, architect of all the achievements receiving a memento and gift cheque, from Sri. V.Chakrapani, our college Vice President.

The Management also encourages the teachers who go abroad to present Papers and attend Conferences and Seminars with gift cheques.



● Tiruchi E.V.R. College conducted an essay competition on "Science and its use in everyday life". Eleven colleges participated. Miss. Marina of our B.Sc. ( Computer Science, III year) won the competition. She is seen with Dr.Akilasri, HOD/Computer Science and the Principal. Congratulations!



- The National College Co-op Credit and Thrift Society had its 38<sup>th</sup> Annual General Body meeting on 15<sup>th</sup> October 2015. Teaching & Non-Teaching employees of National College and SMHS School are members of the society. Prof. Dr.S.Selvaraj is the President and Sri.Anantha Padmanabhan it's Vice-President. The society declared a dividend of 14% to its members for the financial year 2014-2015 Prof. Dr. Selvaraj addressing the members.



- The 36<sup>th</sup> athletic meet of Bharadhidasan University was held at Poondi Pushpam college. 72 colleges participated. More than 1800 athletes took part. In the overall medals tally our college was placed at the second position with 8 gold, 4 silver and 4 bronz. Dr. Balaji, our physical director is to be congratulated and appreciated for his dedication. Mothi Arun of II B.A. Eng..cleared 2.4 meters in high jump which is a new record.



- Our college Football team won the ' Kannadhasan Memorial Tournament ' ( 3rd place ) and won a cash prize of Rs.6000/- beating teams from Chennai and other places.



- The Junior Jaycees of our college who won laurels at the " Tact - 2015 " held by the JCI India zone XXIII at Manapparai.



- Our College Badminton team consisting of Miss.Shrivanthi of M.phil., Miss.Sivaranjini and Miss.Nandhini, all the three from physical education dept., secured the 2nd place in the Bharadhidasan University Intercollegiate Badminton tournament



- The 27<sup>th</sup> south zone National Championship - 2015 was held from 24 to 26/9/2015 at Kakinada. Our college student Miss. A. Chandralekha won the gold in relay and two silver in 100 & 200 mts.. Another student Mr. Mothi Arun won the silver in high jump. Congratulations to both. Our physical director Dr. Prasanna Balaji is the architect behind these achievements.Congratulations to him also. Well done.



- The college was reaccredited by NAAC with 'A' grade in the year 2010. Now in 2015 we are to submit ourselves for accreditation - 3rd cycle. The Principal had arranged for a meeting of all the teachers ( both Aided & Unaided ) to brief them about the role of the teachers in preparing ourselves for the same.



- The Hindu in its supplement Metro Plus has carried a Lead Article about Prof. Dr. V. Gokula of our College. Congratulations. The college Secretary says, "Personally I have been following him on FB for quite some time now. His paintings adorn the walls of our college Library. He is now interested in drawing cartoons also which are also very interesting and imaginative. I wish him all the best in all his endeavors". Follow Dr. Gokula in his FB post 'Varadharajan Gokula'.

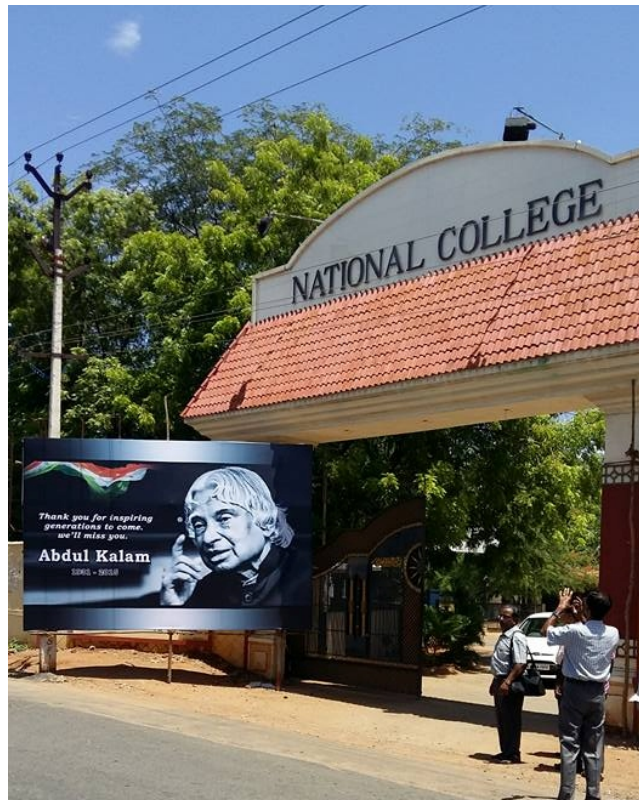


- Yoga training for police officials organised by our physical education dept..at our outdoor stadium. The yoga trainer is our student sri.vishnu. The programme is for 12 days.

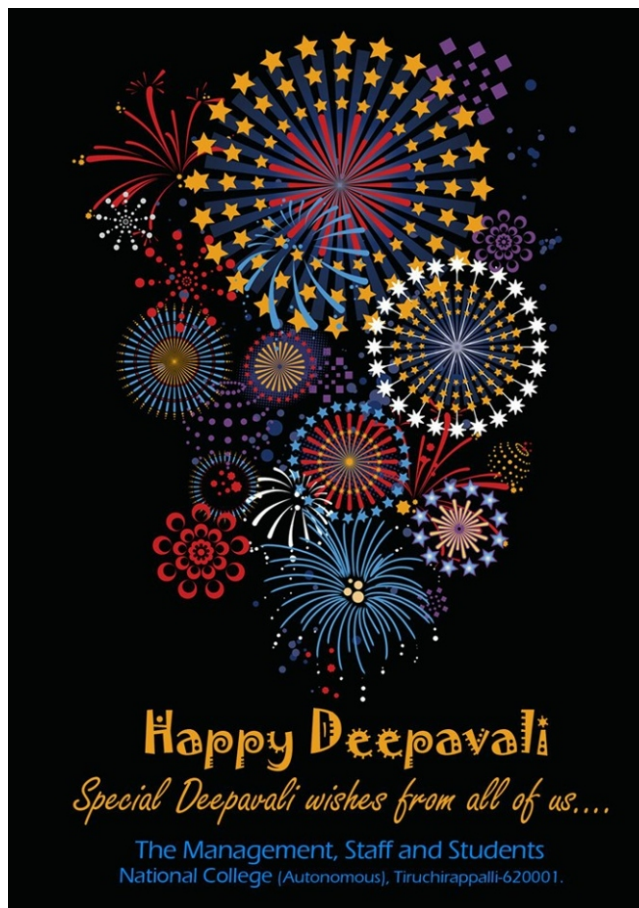


- About 500 students and Teachers of our college paid homage to Dr. A.B.J.Abdul Kalam, our former President of India. Floral Tributes were paid and they observed a minute silence in prayer for the Soul to rest in peace.

**In remembrance of Dr.A.P.J. Abdul Kalam**



**On the occasion of Deepavali**





college here has... in the Bha... inter-zo... cricket...  
 even colleges in Ti... and 22 colleges in... zone took part in the... Two colleges from... - National College... (Tiruchirappalli),... College of Arts and Sci... (Tiruchirappalli),... College of Arts and Sci... (Thanjavur),... College of Engineering and... Technology here...  
 The victorious National College cricket team with the trophy.

யாடு கிராமங்களையும் சென்றய்யே...  
 The star performers for the winning team in the inter-zonal phase were A. Kaviarasan, who scored 124 runs and took nine wickets in three matches, and V. of A. Palanisamy, Assistant Professor and sports secretary at Murugadasan University, Tiruchirappalli. Director of Education, AVVM Sr. Padma V... former director of Shaba Atomic Research Centre urged students to research in subjects that will solve important problems.

As the usage of nuclear power is being reduced in developed countries, India should use this as an opportunity to cater to other countries when demand rises for it down the line.  
 R Chidambaram | PRINCIPAL SCIENTIFIC ADVISOR TO CENTRAL GOVT  
 increase nuclear power," he added.  
 Listing out a statistics on the usage of nuclear power by developing countries, he said China is on the top by aiming to generate 27,000 MW from over 50 reactors to be built in the coming days and India is aiming at 6,000 MW. "After the first and second industrial revolution, India is now going for the third industrial revolution, which is digitally driven," Chidambaram added.

'Dependent on N-tech Only for N-tech Only'  
 Express News Service  
 Tiruchy: At a time when USA and Germany are backing off from nuclear power generation projects, India is vigorously pursuing ways to maximise electricity generation through nuclear plants, said R Chidambaram, Principal Scientific Advisor of Government of India.

R Chidambaram, Principal Scientific Advisor of Govt of India, at National College on Thursday.  
 But, in future, this will make our electricity needs are very high. In fact, we need the support of superpowers for a short term. On the other hand, they need our support on a long term basis," he said. He further said, "For the country to grow, economic development has to go hand in hand with development of defence capabilities." He also elaborated on why nuclear power is so essential for a developing country like India. "While India has a target of 63,000 MW by 2032, China has a target of 200,000 MW. So far, it has constructed 22 nuclear power plants and six NPPs are under construction. Our country has got a target of 63,000 MW by 2032, which is a very low target compared to China."

தேசியக் கல்லூரியில் புனைபுனைவு பேரணி...  
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This issue is sponsored by the Alumna Association of National College, Tiruchirappalli.

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