



NIT TRICHY DIGEST SEPTEMBER 2016

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FESTEMBER '16

Festember is the annual cultural festival of National Institute of Technology, Tiruchirapalli and is one of the top cultural festivals of South India. This year, it was conducted from 22nd to 25th September, 2016.

The theme for this year was 'Cultural Syncretism', a tribute to a world which is increasingly seeing boundaries dissolve in all spheres of life. Our mascot, Polo the Panda, seen in various Festember related posts, lived up to the promise and made us 'Bond Boundlessly' which was also the tagline for this year.

Prior to the actual fest there had been a few outreach events. The Rolling Reels Film Festival, a short film contest had taken place in Chennai. The prelims of Gigahertz, the rock band competition had happened at Bangalore and Chennai.

Festember Social Responsibility had conducted a number of events like Pages, a book collection drive and the Gold Dustbin initiative under which old papers, books, plastics and electronic wastes were collected. This year Festember had also launched a green initiative called 'Paperback' to reuse waste CT papers in all its events, taking one step forward towards reduce, reuse and recycle.

Day 0 started off with the inauguration of Festember with T.Jayaseelan, President of Valve Operations, Sanmar Engineering Technologies as the chief guest. The inauguration was followed by the first guest lecture of the hugely popular guest lecture series, Carpe Diem, by Carnatic singer Dr. Soumya Srinivasan. Vocalist Bindu and violinist Ambi Subramaniam subsequently enthralled the audience with some beautiful music.



Day 1 saw a fully packed schedule with a variety of events and and informals like the hugely popular Oculus Rift, Wall Climbing ,Soap Soccer, Escape room, Frisbee, Gaming, Ice hockey, Dart football, Foosball and Slack lining for thrill seekers. There was also a Live Photography event conducted by Pixelbug, the college photography club for budding photographers.

The highlight of the day was a Guest Lecture by the voice behind many popular songs like Thalli Pogathe and Mei Nigara, Sid Sriram, whose compositions are in vogue with the movie buffs. The highly awaited Choreo Nite, with performers of Eastern and Western dance, both in the group and freestyle categories setting the stage on fire with their scintillating performances, was also held on the same day. Day 1 ended with a bang, with powerful EDM performances by the Supersonic.



Day 2 of Festember was indeed a night to remember for music lovers and budding musicians, with the finals of the eagerly awaited Ghibran's Talent hunt in the eastern solo vocal and instrumental categories. Interestingly, the certificates for the event was signed by none other than the acclaimed musician, Shankar Mahadevan. Winners also were offered a chance to meet and work with composer Mohammad Ghibran. Shrutilaya, the Carnatic music competition in Non Percussion Instrumental and solo vocals was also conducted. Beat boxing, Hip hop, Kendo and Mocktail making workshops left the participants with some fond memories and useful skills for the rest of their lives. Suresh Triveni, maker of the hilarious ' Mauka' ad series during Cricket world Cup graced the occasion as part of the guest lecture series.

Day 2 also saw the finals of Gig-a-Hertz, Festember's open semi-pro band competition. Improvathon saw the participants make the best use of their acting skills to captivate the audience. Festember's most awaited Rock Night, had the all-girls cover band 'Guns and Hoses' all the way from New York, the first ever international band to come down to Trichy, performing some memorable numbers. They gave a memorable treat for all the Guns and Roses fans and etching the Festember experience forever in everyone's memories.



Day 3 began with the guest lecture of Mahesh Dattani, one of the best Indian playwrights and writer of the famed English play, 'Where there is a will'. This year, the Indie stage hosted some amazing talents. Raia, singer, songwriter and programmer thrilled the audience by coding her music live using raspberry pi. Also performing on the stage were Ayog, a vedic metal band from Nagpur, Thrill Veera, an entertainer and a stage performer known for his fire dance, wheel dance

and juggling and Kate Black-Regan a performing artist based in Bangalore.

Beginning with the finals of Acoustics- the instrumental showdown, Acappella -the vocal, no-instruments music competition and Tarangini- the eastern music performance, the day was filled with amazing music. Last but not the least, the renowned music composers Sachin-Jigar pulled off some serious feet-tapping numbers, leaving the audience with sore throats and amazing memories.



This Festember broke not only boundaries but also records of the previous years'. Around 3000 people visited Festember, with over 2166 registrations. For the first time, Festember had participation from four states of South India. Students from Kerala, Andhra Pradesh, Karnataka came in pouring to take part in one of the best cultural fests of the region. These ascertain what Festember holds in the hearts of all college students, thanks to all the positive publicity.

It is an understatement to say that Festember's media relations was a success story. The fest's associations with Sony Liv and Mobile Plus are widely recognised feats. It was put up on many notable channels like Vh1, Masti TV, Kappa TV. Partnerships with Doordharshan and Polimer TV were successful too.

Festember is now synonymous with achievements. The long list of big industrial names that were its sponsors, emphasize this if nothing else. The staggering amount of support received for CSR, reinstated the fest's true heights. Alumni connect was established through big sponsors. The creative branding exhibited during the fest was very well received. Not surprisingly, the foodstalls received excellent feedback. The innovative credit card system made the process of using merchandise all the more easy and effective.

SWACHHA BHARATH

Boys Hostel Zone - Neelkesh Clean Up



Spreading the message of cleanliness throughout campus, even in commercial establishments, a cleanup drive was organized near the B.Tech Boys Hostel zone outside Neelkesh canteen. The event was organized by NSS, under the guidance of the Students' Council. Solid waste and soil pollutants, like plastic bottles, cups, tetra packs and bags were removed from these areas. These items were likely to be consumed by animals in campus, and thus their removal was beneficial to them as well. The efforts of students proved to be fruitful as they became aware of their social duty towards nature.

Hostel Office Clean Up



In the spirit of Swachh Pakhwada M.Tech, M.Sc and PhD scholars took up the initiative to clean the area surrounding the Hostel office. The event was organized by the Students' Council members under the guidance of the Hostel Administration of NIT Tiruchirappalli. Waste materials like plastic bottles, bags, and other unwanted materials were removed from these areas. To adhere to proper safety standards, volunteers were provided with hand gloves, sanitizers, pollution masks and other equipment. Once the dustbins and disposable plastic bags were filled, the collected trash was safely disposed with the help of the Municipal Authority. Refreshments were provided as a token of appreciation at the end of the event.

Essay Writing Competition



To bring out students' literary talent and allow them to express their thoughts and vision on India and its future, an essay writing competition was organized for 6th standard students of schools nearby campus. The theme was "Clean India, Green India" and was met with lots of enthusiasm from the participants. Held at the "Lecture Hall Complex", the competition brought out ideas for using technology to come up with innovative sanitation solutions, long term policies to ensure environmental sustainability, and even guidelines to improve the effectiveness of the Swachh Bharat Abhiyan. We are proud to report that we found the students to be globally aware citizens of the country.

Tree Plantation



In the true spirit of generosity and awareness that Onam brings, a tree plantation drive was conducted by the Student Council outside Agate and Coral Hostels. A total of 100 samplings were successfully planted by the end of the day, in a multi-step process. First the area was thoroughly cleaned, to ensure the best possible growing conditions for the samplings. After the cleaning, the next step involved digging holes in the ground where the samplings would be planted. With the help of the Estate Maintenance Office, a JCB digging crane was employed in this regard. Organic manure was then placed into these holes to increase soil fertility and positively impact the local soil ecosystem. Finally, the samplings were planted into the ground and watered initially.

Village Cleanup



In one of the villages NITT adopted under the Unnat Bharat Abhiyan, M. Solakampatti, a day long cleanup drive was organised. Due to a spurt in commercial activity in the region, an increased amount of waste is being generated on a daily basis. As a result, roads that were previously clean and relaxing are now dotted with plastic bottles, bags, packaging etc. To work towards some degree of restoration, a group of volunteers from our college put in a long day's work picking up trash and segregating it for further process. Anti-littering awareness was also created amongst the residents of the village, and the benefits of a sanitary lifestyle were conveyed to them. As usual, all the garbage collected was sent to the Municipal authorities for processing. More importantly, however, a sense of long lasting community hygiene awareness was instilled into the villagers.

Clean up drive in Girl's Hostels



In the spirit of Swachh Bharat and a vision for cleanliness, a clean-up drive was organized inside the girls hostel premises. The event was held under the guidance of the Warden of the Girl's hostel and the Students' Council. Waste materials like plastic bottles, bags, and other unwanted articles were removed.

volunteers were provided with hand gloves, sanitizers, pollution masks and other equipment.

Once the dustbins and disposable plastic bags were filled, the collected trash was safely disposed with the help of the Municipal Authority. Refreshments were provided as a token of appreciation at the end of the event.

Temple Cleanup



Inspired by the Gandhiji's immortal words, "Cleanliness is Godliness", NSS volunteers got to work cleaning the Thirunedugulam temple. Initially distressed by the sight of unwanted garbage, heaps of plastic, and packets of oil around the temple campus, volunteers worked long and hard for an entire day to restore aesthetic appeal. In the end, the team managed to collect around 20 bags of garbage, which were sent to the Municipal corporation for further processing. The divine quality of the temple seemed to have been restored after the day, much to the appreciation of the temple authorities.

Quiz Competition



In an effort to raise awareness about contemporary issues facing India, a quiz competition was held for 8th standard students of schools near the NITT campus. Around 50 students were quizzed on their knowledge of India's geography, history, international relations, and current affairs. Participants' enthusiasm and competitive spirit clearly

reflected in the vigour with which they responded to questions. After one round of intensive and high energy quizzing, the winner was decided by a very thin margin, and was appropriately rewarded. Once again, we found students to be locally, culturally, and globally aware. The enthusiastic participants were provided with refreshments after the event as a token of appreciation by the coordinators.

Honouring Cleaners



No matter how many clean-up drives we may host, it is ultimately up to the permanently appointed cleaning staff to ensure cleanliness and take the mission of Swachh Bharat forward. We also found that their efforts and contributions to our daily lives go unrecognised or even unnoticed. With this in mind, a ceremony to honour the lives and efforts of cleaners was held. After given the podium to tell us their stories and struggles, much to the interest of students and faculty alike, they were all gifted a set of stationery items, and a box of sweets as a small token of appreciation.

WALL PAINTING



Due to safety concerns an overpass was constructed in front of the Institute Main Gate in the recent past by the Highway Authority of India. Unfortunately, it was found that the walls of the highway were disfigured by many unwanted posters making it visually unpleasant. The students took the initiative to paint the highway wall with the Swachh Bharat mission in mind. Permission was obtained from the Highway authorities of India prior to the painting.

The walls were cleaned by removing the unwanted posters and then were white washed with help of the Housekeeping department under the Hostel administration of NIT Tiruchirappalli. The volunteers were provided with painting materials who put in their creativity to use on the walls of the Highway. One painting focused on Mother earth's beauty being encroached by industrial pollutants while the other one depicted the logo of Swachh Bharat with Gandhiji's spectacles.

Pledge Taking Ceremony

Having been actively involved with the Swachh Bharat mission of GOI over the course of past one year (the first Swachh pakhwada in NIT Tiruchirappalli was celebrated in 2015) we at NITT concluded the fortnight of celebrations with a mass pledge taking ceremony. The ceremony was perfectly timed in the afternoon so it would not hinder the regular schedule of the students and faculty.

The ceremony kick started with the Student President, Mr. Bhavik Jagani addressing the crowd over the events of the fortnight after which the Student Vice-president, Ms. Akhila Avala led the Pledge taking ceremony. The NIT Tiruchirappalli community pledged to devote 100 hours a year to the Swachh Bharat mission.



Slogan Writing Competition

Strong marketing skills are not only a prerequisite to the success of any campaign, but are also crucial to the career development of students and professionals alike. With a goal to boost the Swachh Bharat campaign and bring out talented creative students, a slogan writing competition was organised for students of the 6th and 8th standards of schools near the NITT campus. We hope to continue inspiring young students to openly express what they truly believe in, and take India even farther into a prosperous future.



Swachhta Bharath celebrations in villages adopted under Unnat Bharat Abhiyan

NIT Trichy has adopted four villages under the Unnat Bharat Abhiyan scheme proposed by Prime Minister of India. It is to help improve the quality of life in the rural areas of India. The adopted villages are :

Pudukkottai District Kandavarvakottai Taluk:

1. Nodiyur
2. M. Solakampatti
3. Kothampatti

Thanjavur District Boothalur Taluk:

1. Aachampatti
2. Kosuvapatti



NIT Trichy celebrates “Swachhta Pakhwada” from 1st to 15th September as per the instruction of Ministry of Human Resource Development. As part of the celebrations, three key objective set for the activities.

To clean the campus through variety of activities such physical cleaning, weeding out old files, damaged equipment etc.

To instil cleanliness and hygiene in the minds of faculty, staff and students

To enable clean the surrounding villages and spread the message of cleanliness and hygiene.

It was proposed to conduct the Swachhta Pakhwada activities in the adopted five villages under Unnat Bharat Abhiyan on 11th September 2016.

A 60 member team of consisting of doctors, paramedical staff, faculty, students, sanitary staff camped in the villages to undertake activities such as medical camp, cleaning of public places, and creating awareness through posters and hand outs.

a) A medical camp was set up and medical services such as BP and diabetics check-ups; medicines were availed free of cost. Doctors and medical staffs from NIT Trichy hospital were called to medical camp to provide best possible prescriptions and suggestions. About 300 people were offered diagnosis, medicines and suggested further course of treatment. Few

patients were advised to visit NIT Hospital for further treatment. The medical camp was organized in the Government Middle School, M. Solakampatti

b) The students and staff members were also involved themselves in cleaning the villages. They cleaned school areas, temples and public places with the help of sanitary staff.

c) Sessions were also held in which the villagers were made



aware about the importance of hygiene to improve quality of life and increase life expectancy. Hand-outs were distributed to children and adults.

Apart from this students and staff of college interacted with the villagers, discussed their problems. They got to know about the lifestyle of the villagers and also the barriers they face to avail basic requirements as food, hygiene. The students and staff made sure that they target these barriers when they come for the next visit.

G. Kannabiran, Director i/c, Dr. G. Swaminathan, Coordinator of Unnat Bharat Abhiyan, Ms. Akila, Vice-President Student Council also participated in this programme.



Mr. Sadasivam, social activist representing the villages was indeed happy that the first activity under Swachhta Pakhwada has been very successful.

Startup Weekend Trichy Report

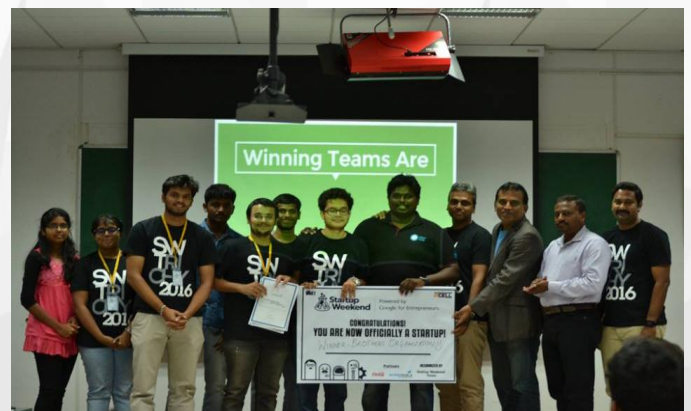
Suresh Kumar (CEO @ MacAppStudios), Venkat Subramanian (CEO @ efarm), Athif Shah (MD @ ABE Tech), Ebin Ephrem (Evangelist @ Karpagam Innovation Centre), and Sathish Rajendran (VP, Siam Computing) were few of the many mentors who made an appearance during the event. The 10 teams had a rigorous mentoring phase which developed their ideas to become a potential breakthrough idea.

In the final day of startup weekend, the teams geared up for the final judging round. The morning started with the hard working session where the teams built their prototype and business model and also consulted few mentors. Teams went



out and did a market analysis and surveys which were attached to their final presentation.

The teams were judged on the basis of three criteria (Validation, Execution and Design, and Business Model). All judges unanimously hailed the quality and the innovativeness of the ideas showcased. They also shared their experience in their entrepreneurial journey and how many smart people missed the opportunity of becoming a millionaire. The teams had a rigorous battle on the pitch deck but only three startups emerged on the pole (Brother's organization- a peer to peer tutor, Save my battery-wireless based hardware startup, cocunder-cocunet based startup).



Startup Weekends are 54 hour "No Talks All Action" events where Developers, Designers, Marketers, Product Managers and Startup enthusiasts come together and share ideas, form teams, build products and launch startups. Event starts on Friday evening with attendees pitching their ideas. Ideas are put to vote for filtration and attendees team up. On Saturday, teams work out on their plans and are supposed to create Minimum Viable Product to be presented on Sunday evening for judging.

The inauguration of STARTUP WEEKEND TRICHY took place on the 16th September, 2016. The evening started off with a wonderful introduction by the facilitator Arun Philips.

The facilitator in his talk stressed on the "Startup Culture" in our community. After an entertaining ice-breaker session, the participants were welcomed to present their ideas. Many individuals enthralled the audience with their witty and breakthrough ideas. More than about 33 ideas were presented and the voting round began, where audiences cast the vote for their favorite. After a brief networking dinner, top 10 ideas were chosen. Then it was followed by team building session where participants are required to join a team and work upon it for the weekend.



Many entrepreneurs with expertise in various fields and startups came down to NIT Trichy to share their experience and valuable insights about the startups. They mentored the teams in improving and redefining their business model.

Chemical Engineering Association Inauguration



The Chemical Engineering Association (ChEA) inaugural function was held on 19th September 2016, 3.30pm at EEE auditorium. The Chief guest was Mr.R.A.Krishnakumar, Executive Director, Dalmia Cement (B) Limited, Dalmiapuram. The Director Prof.G.Kannabiran had kindly presided over the inaugural function. The Chief guest also delivered a guest lecture about the Dalmia Cements, cement manufacturing process, India's cement manufacturing status and the job potential for chemical engineering in the cement industry after the inaugural function.

In picture from left, Ms.Anushka Mishra (Chairperson, ChEA), Dr.P.Sivashanmugam (HOD, Chemical Engg.), Dr.G.Kannabiran (Director, NITT), Mr.R.A.Krishnakumar (Chief Guest), Dr.T.Sivasankar (Faculty Advisor) and Mr.Saravanan S (Overall coordinator, ChEA)

Production Engineering Association Inauguration

Production Engineering Association (PEA) inauguration ceremony for the year 2016-17 was held on 17th August 2016 in A13 hall. Inauguration was followed by a guest lecture by Mr. S.V. Srinivasan, General Manager (Outsourcing), BHEL Trichy.

The ceremony started with a speech by the Chairman of PEA after the welcome process. It was followed by a comprehensive talk by the chief guest, Mr. Srinivasan on his decades of experiences in working with BHEL and the challenges faced by the manufacturing industry in India. The Head of Department, Dr. Duraiselvam, took over the dais next, and gave a few words to the team PEA and students present in the hall. The Staff Advisor of PEA 2016-17, Dr. Vinodh, highlighted a few activities carried out by the team last year and shared his thoughts on planned programs for

this academic year. The inauguration ended with a speech by the Overall Coordinator of PEA 2016-17.



The inauguration was followed by a guest lecture by Mr. S.V. Srinivasan, who talked about his various experiences during his tenure in BHEL and presented instances where simple innovation was the solution for giant engineering problems. He shared his views on the current manufacturing industry in India and where it is heading towards in the near future. A perspective on the future scenario of the Indian powerhouse industry was also shared. Importance of industrial safety and the efforts taken by organizations to follow norms was also explained with real life examples. The guest lecture, thus, gave a deep glance into the nation's production industry.

Electronics and Communication Engineering Association Inauguration

The ECE Association was started in the year 1992 with the idea of organizing a national level technical symposium. This led to the conception of PROBE. PROBE has been a host to several stalwarts of the industry like Atmel, National Instruments, etc. ever since its inception through workshops and technical talks.



Association for the academic year 2016-17 was formally inaugurated on 6th September, 2016.

The ceremony was marked by the presence of Dr. G. Kannabiran, the Director in-charge of NIT Trichy; Dr. K. Sundareswaran, the Head of the department; Dr. Srinivasa Rao Nayak, the Faculty Advisor and the office bearers of the association. The chief guest for the event was Mr. Sivashankar, Deputy Manager of Asian Paints and an alumnus of NIT Trichy. He shared words of wisdom and his experiences. The vision of the association was presented during the ceremony which drew a lot of appreciation. The event concluded on an optimistic note with a tree plantation drive.

Computer Science and Engineering Association Inauguration

The Computer Science and Engineering Association (CSEA) of NIT-Tiruchirappalli was inaugurated at the NIT-Trichy on Sept. 20th, amid great celebration at the EEE auditorium. The Chief guest of the event was Mr. Pramod Perumparambil, the World Wide-Executive for Commerce Rapid Solution Centers, IBM.

The CSEA's flagship event, Vortex, is the annual national technical symposium of Department of Computer Science and Engineering, NIT Trichy. It has been a breeding ground for new ideas, a platform to demonstrate technical competence and an opportunity to learn; with eye-opening guest lectures, broadly thought-out events and enthralling workshops.

CSEA has also been hosting various guest lecturers, prominent academicians and technocrats over the past few years including - Dr. Sudharshan Iyengar of IIT Ropar, Dr. C. Pandu Rangan of IIT Madras, Narasimha Karumanchi, Author of famous book "Data Structures and Algorithms made easy", Mr. Manikandan Thangarathnam Director of Amazon Kindle and

This year being the Silver Jubilee of the ECE Association and PROBE, one can't help but marvel at the growth of PROBE into one of the very best in the country.

The inauguration of the ECE Association for the academic year 2016-17 was held on 30th September, 2016. The proceedings were started with the lighting of the lamp by Dr. G. Kannabiran, Director in-charge of NIT Trichy, in the presence of Dr. D. Sriram Kumar, HOD of the ECE Department, Dr. S. Raghavan, Dr. B. Venkataramani, Professors of the department of ECE.

Mr. Deepak Kumar Chandrasekaran, Director of Traana Technologies Private Limited and an Alumnus of the 1984-1988 batch presided over the function as the chief guest. His lecture on the current technological trends and his life experiences was a huge hit among the audience.

Direct 2017, the latest edition of DIRECT (Division of Institute Relation for Electronics and Communication Engineering), was launched by the chief guest. The "Hub" in Direct is a platform where all the professors, faculty members, students come together and discuss about trending technologies and help each other clarify the academic doubts. Contributions and active participation from various NIT's are being taken in order to improve information and conduct inter college events

Electrical and Electronics Engineering Association Inauguration

The department of Electrical and Electronics Engineering of NIT Trichy has constantly been working towards innovation in technology, striving to make a better world. Rightly so, the Electrical and Electronics Engineering Association has been formed in 1992 to give life to this vision. The EEE



Ms. Krishma Singla, Cognitive Consultant, IBM Watson, to name a few.

The inauguration event started off with something unique - a Bharatnatyam dance by Computer Science students that went on to receive lots of praise. This was followed by the ceremonial candle lighting ceremony by members on the dias. A new logo for CSEA and for their flagship event, Vortex was unveiled. This was followed by welcome addresses by M Saidubabu – the Chairman of CSEA, Dr. Leela Velusamy - Head of CSE Department and Dr.S.Selvakumar - Staff advisor to CSEA.

Then the Keynote speech was delivered by the chief guest, Mr. Permparambil, who has work experience in managing talent/operations in many major and growth markets including UK, Germany, Japan, Middle-East, Spain, China, US and India. He brings with him expertise and experience in supply-chain, analytics, commerce, retail and establishing world-wide client success teams in a globally integrated model for packaged and SaaS enterprise solutions.

Then the Overall Coordinator of CSEA, Shurya Kumar delivered the Vote of thanks. The event concluded with the presentation of a cash prize to the designer of the new Vortex logo, Pradiksha.

MTS – Student Section Inauguration

The inauguration of MTS Student function was held on 16-09-2016 at 1.45 P.M in Civil Engineering Department. The Inauguration took place in an embellished Civil Seminar Hall in the Civil Engineering Department. The Inauguration started off with the prayer song and was followed by the lighting of the Kutthuvillaku marking the presence of godhead above us.

MTS being an International society providing various opportunities for the enthusiastic students around the world, its Avenues and Opportunities were presented by Dr.R.Venkatesan,Chair,MTS India. Dr. R. Venkatesan briefly



explained about the various opportunities and mentorship activities for student section. Followed by this, Dr. R.Venkatesan, Chairman, MTS India Section handed over the official approval of MTS student section to Director Dr. G. Kannabiran, NIT Trichy.

This was followed by a lecture on “Communication Technology in Marine Sector” by Mr. R. Nandakumar CEO, ELEKTRONIK LAB. The room was filled with charismatic students and to make it more live a series of questions were asked by Mr.R.Nandakumar to which MTS goodies were provided. His lecture was very much interactive and motivated the students’ enthusiasm.

A lecture on “Career Opportunities in Marine Sector” was given by Commodore Sridharan Shekhar in which he talked about Blue Economy dealt with ne employment in marine sector, entrepreneurship development etc. Dr. R. Manjula, Faculty Advisor listed out the ongoing and further plans on MTS Trichy Activities after which the Executive Committee of MTS Trichy Section were introduced.

Horizon

Horizon is a National level student’s symposium. This year we proudly hosted the same for the 23rd time in the history of the Department Of Chemistry, National Institute of Technology, Tiruchirappalli. It was held on the 16th and 17th of September, 2016 on the topic NOVELISTIC NANOTECHNOLOGY (What Chemistry behind It) and was indeed a huge success.



Over 300 students in around Trichy participated for the same. The event was inaugurated on the 16th September 2016 by Dr. Praveen C. Ramamurthy from IISc. Bangalore, followed by a keynote lecture delivered by him. Dr. S. Philip Antony also delivered a lecture on the same day. The second-day lecture was delivered by Dr. A. Palaniappan. Both the days were made interactive and entertaining with a lot of chemistry-related events and competitions. St. Joseph’s college, Trichy won the overall trophy for Horizon-2016. Overall the program was a grant success and won the hearts of all our participants.

International Conference on Research in Engineering, Computers and Technology (ICRECT 2016), 8-10th Sep '16

Organized by Dr.A.Vadivel, Head and Asso.Professor, Dept of CA and Dr.P.J.A.Alphonse, Asso.Professor, Dept of CA

The International Conference on Research in Engineering, Computers and Technology (ICRECT 2016) was held on September 8 – 10, 2016 organized by Department of Computer Applications, NITT. ICRECT 2016 was organized by the Department of Computer Applications, NITT. The conference convener was Dr. A.Vadivel, Head & Associate Professor, Dept. of Computer Applications and the General Chair was Dr. P.J.A.Alphonse, Associate Professor, Dept of CA, NITT. Dr. A. Vadivel delivered the Welcome address. Dr. G. Kannabiran, Director In-charge of NITT chaired as the chief guest for the inaugural function and delivered the presidential address.



On Day one, the keynote speech was given by Mr. N. Thamizhiniyan, Director, Development Norton Engineering, Symantec Corporation, Chennai on the topic “Agile Transformation Journey”. Two parallel sessions for the paper presentation were conducted in the afternoon.



On Day two, the keynote speech was given by Mr. Muralidharan Jayaraman, Head, The Indian Operations of Paragon Solutions; A USA based Business and Technology Consulting Organization on the topic “Content Intelligence for Business Optimization”.



The afternoon session on Day two of the conference was started with keynote speaker Dr. P. Shanmugavadivu, Professor & Head, Dept. of Computer Science & Applications, Gandhigram Rural Institute – Deemed University, Gandhigram - 624 302, on the topic “Research Prospects of Big Data Analytics”. Two parallel sessions for the paper presentation were organized both in the forenoon and afternoon.



For the ICRECT'16, totally we have received 154 papers in different domains amongst 64 papers were shortlisted. Finally, about 47 papers were selected. The paper acceptance percentage for ICRECT'16 was 34%.

Finally, in the valedictory function Dr. A.Vadivel delivered the Conference report and the Certificates were issued to the presenters by Dr. A.Vadivel and Dr. P.J.A.Alphonse. The Conference came to a conclusion with the vote of thanks by Dr. P.J.A.Alphonse.



Workshop on Measuring Productivity in Higher Education

19-22 September 2016

Sponsored by
TEQIP and Asian Productivity Organization



Coordinators : Dr. G. Kannabiran and Dr.M. Duraiselvam



The Indian higher education (HE) system is facing an unprecedented transformation. This transformation is being driven by economic and demographic change. By 2020, India will be the world's third largest economy, with a correspondingly rapid growth in the size of its middle class. According to recent data, India's GER is 23%, compared with the global average of around 30%. If India is to meet its target by 2020, about 40 million students would be enrolled. This requires an additional 10,510 technical institutions, 15,530 colleges and 521 universities an additional capacity of about 25 million seats. These challenges are linked in such a way that HEIs have to perform better with lesser resources. Productivity improvements in existing and upcoming institutions is a viable strategy to improve competitiveness in global higher education system.



Keeping the requirements of quality standards, there is an urgent need to define and manage productivity of HE system in India. At the institutional level, one of the key strategies is to focus on improving productivity in all aspects of teaching, research and outreach activities. Preliminary understanding

reveals that few government and private institutions have initiated productivity measurement. It is imperative for the academic administrators to understand the context of productivity measurement and also to evolve inputs for policy making, suggest short and long term productivity measurement strategies, and to propose implementation approaches.

Given the need for significant improvements in productivity, the objectives of the workshop were:

- ❖ Analyzing the national and international perspectives of Higher Education in India
- ❖ Establishing the importance for productivity measurement in Higher Education system
- ❖ Strategizing productivity programmes given the nature and scope of HE sub-systems
- ❖ Identification and defining measures linked to productivity
- ❖ Preparing, implementing and evaluating productivity measurement initiatives
- ❖ Evolving inputs for policy making at the national level.

Twenty senior faculty members including Deans and Registrars from leading NITs (Agartala, Warangal, Surathkal, Raipur etc.) attended the workshop.



The Asian Productivity Organization, Tokyo, Japan sponsored two international experts **Dr. Hamish Coates from University of Melbourne** from Australia and **Dr. Esha Sinha from National Academy of Sciences from USA**. In addition, **Dr. Prof. Jandhyala B. G. Tilak, Vice-Chancellor of National University of Educational Planning and Administration, New Delhi** and **Dr. M. Anandkrishnan former Vice-Chancellor of Anna University and former Chairman of IIT Kanpur** served as the national experts.

Mr. D Shivakumar, Director and Mr. N. Natarajan, Dy. Director of National Productivity Council delivered sessions on productivity, as applicable to Higher Education.

The workshop concluded with a valedictory programme on 22 September 2016 at NIT Trichy. **Dr. D. P. Agrawal, Former Chairman UPSC** and Former Director of IIITM Gwalior was the Chief Guest.

Workshop on Advanced Soft Computing Tools in Water Resources and Coastal Engineering under TEQIP II

Coordinators : Dr.G.Swaminathan, Dr.R.Manjula and Dr.S.Saravanan

The Department of Civil Engineering of NIT TRICHY conducted their workshop on Advanced Soft Computing Tools in Water Resources and Coastal Engineering during 8th – 10th September 2016 sponsored by TEQIP-II. It was three day workshop where about 42 students from different colleges form all over the country participated. The program was initiated by Prof.K.P.Sudheer, Professor of Civil Engineering Department from IIT Madras, with a motive of enlightening students with advanced knowledge in modeling and other advanced tools in water resources engineering. The inaugural address was presented by the chief guest Prof. K. P. Sudheer. He spoke about the simulation modeling and advanced tools in ANN modeling in water resources.



The second session was conducted by Dr.L.D.Mohanpatra, Head of Geophysical Division in AIMIL Ltd. His presentation stressed on application of GPR in aquifer mapping, pipe leakage detection and subsurface investigation. In the afternoon session he covered the application of resistivity meter in groundwater quality mapping and fault identification. The theory session was followed by field Demo using GPR by him.



On the second day of workshop the forenoon session was conducted by Dr.S.Saravanan on application of QGIS on Water Resource and Environmental Engineering. The session began with introduction of basics of QGIS which was followed by hands on experience with the use of QGIS software for various applications. The second session for the day was conducted by

Dr.V.Lenin, Assistant professor at Anna University, Chennai. The session covered the topics of application of SWMM

software in the field of water resource engineering. The final session of the day was handled by Dr.G.Swaminathan Professor of NIT TRICHY on Water Supply Network Analysis. The day ended with the field demo on resistivity meter by Dr.Antony Ravindran, Assistant Professor, VOC college, Thoothukudi. The third day of the workshop witnessed brainstorming sessions on coastal engineering by Dr.Samuel Devdoss, Associate Professor in Hindustan University. It was followed by the presentation of Dr.Chiranjeevi Rambabu on Application of Delft 3D in Coastal and Ocean Engineering. The last session of the day was taken by Dr.R.Manjula on Analysis of Water Network Distribution using EPANET.

Workshop on Recent Trends in Industrial Safety Engineering

Coordinators: Dr. S.P. Sivapirakasam, Dr. K.R. Balasubramanian and Dr. K. Sankaranarayanan



A one week TEQIP-II sponsored workshop on “Recent Trends in Industrial Safety Engineering” was successfully organised by the coordinators Dr. S.P. Sivapirakasam, Dr. K.R. Balasubramanian and Dr. K. Sankaranarayanan of Department of Mechanical Engineering during 12 – 17, September 2016.

This workshop discussed various issues and challenges in health, safety and environmental fields. The lectures are delivered by various professionals: Dr. M. Suriyanarayanan – CLRI; Dr. M. Ramamurthy – Chairman, Armreb, DRDO; Mr. M. Baskar – BHEL; Mr. Rabiq Ali – Bunge India Pvt Ltd; Dr. Chitra Devi – BHEL, Dr. K. Sankaranarayanan, Professor, NITT and Dr. S.P. Sivapirakasam, Associate Professor, NITT.

About 40 participants attended the workshop from various Engineering Institutions. The following topics are discussed in the workshop: Basic philosophy of accident prevention, Occupational health and safety management system - A case study based approach, Behavior based safety & safety culture, Dispersion modelling of toxic gases, Chemical safety including Reactive, Chemicals and Process Hazards, Process Safety Management, Physical explosion in industries, Fire and Explosions in Hydrocarbon Industry, Ergonomics, Industrial hygiene practices, Electrical safety, Environmental safety. Participants shared their experience in the workshop and honoured with certificates by course coordinators on the last day.

TEQIP – II SPONSORED WORKSHOP ON RESEARCH TRENDS IN MECHANICAL ENGINEERING

(29.08.2016 – 03.09.2016)

Coordinators : Dr. T. Ramesh, Dr.N.Siva Shanmugam and Dr.K.Sankaranarayanan

Research trends in mechanical engineering, a one week workshop was organized by the Department of Mechanical Engineering, NIT Trichy under the sponsorship of Technical Education Quality Improvement Program (TEQIP Phase II) during 29-08-2016 and 03.09.2016. The theme of the workshop was designed in such a way that exploring various research spectrum in mechanical engineering to the faculty members working in AICTE sponsored Engineering Colleges in India and those who is looking for new area to do their research work for their Doctoral program. Totally, 40 number of participants were attended the workshop from various parts of India. This program was designed to given exposure to the participants, the various flavors and scopes for research in mechanical engineering field.



The lectures are delivered by various professionals:

Dr. T. Senthilvelan, Professor, Mechanical Engineering, PEC, Pondicherry
 Dr. S.P. Ashok, Professor, MEPCO Engg. College, Sivakasi
 Dr. B. Suresha, National Institute of Engineering, Mysore
 Dr. Madhivanan, Central Leather Research Institute, Chennai
 Dr. G. Bhuvanashakaran, WRI, BHEL Trichy
 Dr. M.R. Ramesh, NIT Surathkal
 Dr. Amarnath, IIITDM, Jabalpur

The following topics are discussed in the workshop:

EDM Analysis of Aluminium Nano Composites, Solar Systems, Composite Materials ,Therapeutic Intervention and Research avenues in Footwear, Research scopes in Welding Engineering, Fatigue and Fracture Analysis, Gear Fault diagnostics and Vibration Analysis

One week workshop on “Recent Developments in Electrical Power Engineering” Under TEQIP-II (29.08.2016 – 03.09.2016)

Coordinators : Dr. K.Sundareswaran, Dr. Sishaj P.Simon and Dr. P.Srinivasarao Nayak

EEE Department is extremely glad to conduct a workshop on “Recent Developments in Electrical Power Engineering”. The workshop was organized over a week long period from 29th August’16 to 03rd September’16. Different distinguished experts had delivered the lecture and shared their knowledge to highlight upon the important topics in Electrical Power Engineering.



Dr. N. Selvagesan from IIST, Thiruvananthapuram discussed on Nonlinearity and its behaviour in power circuits and discussed on eliminating the limit cycle oscillation for digitally controlled DC-DC converter which is a thrust area of the industry.

On 31/09/2016, Dr. Kevin Ark Kumar, Senior Engineer, BHEL- Trichy delivered a lecture on Solar Photovoltaic Installations in Industries. The lecture discussed about the developing and new ideas in the area of Megawatt Scale Solar Photovoltaic Installations.

Dr. S. Rama Reddy, Former Professor Anna University conducted a seminar on the Flexible AC Transmission System.

It was a worthwhile, beneficial and effective workshop for everyone who participated.

Workshop on “Moodle and Beyond” by Teaching and Learning Centre under TEQIP II on 30.09.2016

Coordinators : Dr.B.Venkataramani and Dr.S.R.Balasundaram

TEQIP II Sponsored workshop on “Moodle and Beyond” was organized by Teaching and Learning Centre (TLC) on 30th September 2016. The workshop was attended by 38 participants including 14 internal participants (NITT). The

objective is to provide participants, the working knowledge of Moodle, which is a platform for educators to develop and manage teaching and learning activities online.

Dr.Sastikumar, Dean (R&C), addressed the gathering, the importance of Teaching and Learning process and its evolution from Gurukul stage to ICT enabled models. After the vote of thanks by Dr.S.R.Balasundaram, Associate Professor, the events were handled by experts from uLketz Learning Private Ltd., the team of technology solution providers for higher education.



Mr.Araviind, Chief Technology Officer, uLektz , discussed the features of Moodle in detail. He touched upon the installation procedure, accounts management, dashboard, working with media, course management and grading. Dr.M.Suriya, Vice President - Content Development at uLektz brought out the features of integrating Moodle with other software, SCORM content, offline and online content accessibility and messaging. The hands on sessions carried out throughout the event have enabled the participants to know about Moodle in practical aspects including site administration, theme settings, navigations, playing with audio/video, tracking progress and assessment modules with reporting features.

SHORT TERM COURSE ON “Challenges, Emerging Trends and Recent Initiatives in Environmental Engineering”

**(August 29 – September 3, 2016)
Coordinators : Dr.S.T.Ramesh and Dr.R.Gandhimathi**

The core objective of the course was aimed at familiarizing teaching community exclusively with recent advancements in Environmental Engineering which would help them in teaching the topic at their institutions in a structured manner. Important topics covered in the short-term course are Electro chemical treatment of water and wastewater, Nano-bio approaches for water treatment, Membrane technology in drinking and industrial water treatment, Anammox process, Constructed wetlands for wastewater treatment, Advanced oxidation process, Industrial effluents treatment and residuals management, Bioremediation of contaminated systems, Urban and indoor air quality management and Environmental monitoring and modelling. The short term course was inaugurated by Tmt. N. S. Prema, Commissioner, City Municipal Corporation, Trichy who gave a motivational speech on Environmental awareness that should be endowed by each and every individual of a community.



Dr. S. Vasudevan, Principal Scientist, CECRI, Karaikudi, Dr. Ligy Philip, Professor, EWRE Division, IIT Madras, Chennai, Dr. S. Mohan, Professor, EWRE Division, IIT Madras, Chennai, Dr. S. M. Shiva Nagendra, Associate Professor, EWRE Division, IIT Madras, Chennai, Dr. A. Alagappa Moses, Associate Professor, Bishop Heber College, Trichy, Dr. R. Babu Rajendran, Professor, Environmental Biotechnology, Bharatidasan University, Trichy, Dr. S. Mathava Kumar, Associate Professor, EWRE Division, IIT Madras, Chennai, Dr. R. Meenatchi, Assistant Professor, IICPT, Tanjore, Dr. M. Vasanthi, Assistant Professor, Bhartidasan University, Trichy, Dr. S. V. Srinivasan, Senior Scientist, CLRI, Chennai, Dr. J. Hema, Associate Professor, PSG College of Technology, Coimbatore, Dr. T. Panda, Professor, Department of Chemical Engineering, IIT Madras, Chennai, Dr. A. Samuel Rajkumar, Environmental Engineer, TNPCB, Chennai, Dr. P. Shanmugam, Senior Principal Scientist, CLRI, Chennai were invited for the technical session.. The short term course concluded with the technical talk and discussion by Dr. P. Shanmugam, CLRI on Industrial Effluent Treatment and Residual Management.

Panel discussion on Opportunities and Challenges in Higher Education International & National Perspectives on 19.09.2016

Panelist: Dr. M. Anandakrishnan

The Opportunity:

The strategy to improve the Gross Enrolment Ratio (GER) in Higher education from 20 to 30 % in 2020.

Challenges:

Highly structured syllabus is not flexible to provide the opportunity for knowledge and skills to students in different levels. Present teaching methods, which are meant for honing generic skills are not relevant in the future. The future needs skills which are specific to fields required to specific class of students.

The employability of graduates continues to be an issue due to the mismatch of skills requirements and what is being imparted.

Universities need not get into micro management of institutions and allow them to tweak the curriculum and teaching-learning methodologies to suit the student community.

Prof. Hamish Coates:

India is emerging in the HE sector and rest of the world is watching. The market for higher education is expanding throughout the world. Universities are focusing on the students, as education is being viewed as a business and students are considered as customers.

In the emerging scenario, Quality and Productivity are the two major themes of HE management. For managing quality, traditional approaches of managing institutions are not sufficient and best practices need to be deployed. It needs scientific management to make the difference.

Funding from the governments is increasingly coming down. Therefore, universities have to focus on income from students. As a result, productive use of resources becomes imperative. It is comprehensively, it is the value that universities are able to create to students, and regulatory frameworks are likely to focus on this.

Prof. Jandhyala B. G. Tilak:

Four major developments that are impacting HE

Globalization of economies and markets has greater impact on the HE system. The jobs that are getting created and connected reward structures are likely to change. The growing services economy is posing further opportunities and challenges to HE sector.



Internationalization of HE is another major development in India. It is beyond exchange of students and faculty. More and more programmes are to be offered in India and there is a possibility foreign universities are to set up campuses. World class education is likely to be available in India

Global ranking of institutions has made institutions and policy makers to rethink the strategies of HE institutions. Opportunities for movement of students across countries and criteria for choosing universities are now based on global ranking. Although there are criticisms about ranking methodologies, the stakeholders are likely to consider ranking as one of the criteria for their active engagement with the universities.

Use of ICT (Information and Communication Technology) in HE system is likely to change the way the present teaching-learning processes are handled. The economics of educational, particularly the per capita spending on students will reduce while maintaining the effectiveness of learning.

These major developments will have its impact on quality of education and underlying changes in policies of the governments. Some of the changes that are likely to take centre stage are – choice-based and flexible curriculum. The present state of “highly regulated but poorly governed” approaches is to be reversed. Better governance of institutions is going to be the ingredient for promote high-quality institutions. It is expected that 7th pay commission mandate performance indicators for faculty and institutions as part of good governance.

Dr . Esha Sinha:

Unless HE planners come up with short-term and long term plans for the system, sustained growth is not possible. Productivity measurement and management shall make the Indian HE system competitive in the international arena.

The panel took up following topics relating to HE as part of the discussions-

Funding of Higher Education, creating world class universities, availability of quality teachers, delinking placement from institutional management, accountability of teachers and administrators.



Dr. G. Kannabiran, Director i/c NIT Trichy moderated the panel discussion and claimed that NIT Trichy as part of its contribution to the Higher education eco-system of Trichy hosted the panel discussion on Opportunities and Challenges in Higher Education International & National Perspectives .

Forty academic administrators from various institutions around Trichy participated in the programme. The international experts are sponsored by the Asian Productivity Organization, head quartered in Tokyo under Technical Expertise Service scheme. The event was led by NIT Trichy and supported by MASTeR group of institutions.

PALS (IITM Alumni) Chapter at Trichy Inauguration

Stressing the need for identifying leadership skills among engineering graduates, Bhaskar Ramamurthi, Director, IIT-Madras, urged educational institutions to set up platforms or cooperate with forums working on nurturing leadership skills.

Launching the Trichy Cluster of PALS (Pan IIT Alumni Leadership Series) on 24.09.2016 at NITT, he said there was a strong need for identifying persons with leadership skills. To achieve the objective, the PALS, primarily with the alumni of IIT-Madras, was started in 2012. It initially arranged a number of lecture series with the aim of giving insight on leadership and technical inputs on various topics to the students of IIT-M, PALS and now evolved as a leading platform to promote leaders and leadership skills. The targeted group need not come from the IITs and NITs. The concept had been extended to other colleges and leading institutions as well.



colleges and institutions. The Trichy Cluster had created an opportunity for the alumni of IITs working in NIT to a lead role in promoting the objective of PALS.

Thiru Srinivasan, chairman, PALS, said Jayaram College of Engineering and MAM College of Engineering in Tiruchi



had become partnering institutions in Tiruchi. Alamelu, core member, PALS, and Viayalakshmi Shankar, anchor, Tiruchi Cluster spoke.

Mr. Ramamurthi said that in this era of challenges and innovation, many business models and concepts perceived as futuristic would become obsolete in view of changes taking place rapidly. Many viewed change as threat to job security. But these were not threats but new opportunities to grab. However, the challenges could be faced successfully if the country had good leaders. Leadership was not just leading a group of people or an institution. It was about figuring out challenges to equip the technocrats to cope up with the changing trends. "We need platforms to identify youngsters with leadership skills so as to convert threats into opportunities," Mr. Ramamurthi said.

Dr.G.Kannabiran, Director-in-Charge of NIT-T, said NIT-T would function as an anchor institute for the Trichy Cluster of PALS. The incubation centre and the innovation laboratories of NIT-T would be made available to the cluster

Success of an EEE Alumnus



Mr. Aruneem Mazumder, (2005 batch B.Tech. EEE) has received the prestigious International award -“Energy Manager of the Year 2016, Asia Sub-continent Region” by The Association of Energy Engineers, USA a non profit professional Association of over 18,000 members worldwide. This award was given for his dedication and performance in the area of Green Energy & Sustainable Energy Management. He was also recognized as “Legend in Energy”. The award was given at the 39th World Energy Engineering Congress in Washington, DC during Sept 2016. The US Secretary of Energy, Dr. Ernest Moniz graced the event with his presence.

Swimming Competitions – accolade by NITT students



The members of the swimming team of our institute participated in the open sports meet at BITS Pilani, BOSM 2016 which took place from the 15th to 19th of September. The competition was attended by many ex national champions, Olympic hopefuls, etc. Amidst these colossi and the formidable home team BITS Pilani, the swimming team of NIT Trichy has bagged 20 medals and is the runner up in the overall points tally. Of these, 2 are gold, 6 are silver and 12 are bronze. Notably there are also seven 4th place finishes. Congratulations to captains Mr. Aravindh Babu (Final year B.Tech. Mechanical Engg.) and Ms. N. Snigdha (Final year B.Tech. Production Engg.), and team members.

4 Week- Women Entrepreneurship Development Programme (WEDP) by CEDI

Coordinators : Dr. R. Leela Velusamy & Dr. G. Kannabiran



A total of 27 women attended the programme. At the end of the programme, each participant was ready with a business proposal. A team of representatives from Indian Bank, Canara Bank, SBI, Punjab National bank and Tamilnadu Industrial Investment Corporation reviewed the business proposals and assured financial support as and when the individuals are ready with necessary documentation.

Centre for Entrepreneurship Development and Incubation (CEDI) promoted by NIT Trichy organized a Women Entrepreneurship Development Programme (WEDP) of 4 weeks duration August 16 to September 09, 2016 at NIT Trichy.

This programme aimed at training the educated women in the essentials of conceiving, planning, initiating and launching an economic activity or an enterprise successfully. This programme is funded by DST, Government of India through Entrepreneurship Development Institute of India, Ahmedabad.

The programme content included class room training on essentials of entrepreneurship survey of the prevalent socio - economic scenario, identification of business opportunities, role and function as well as schemes of assistance offered by various constituents of the support system, preparation of a technically feasible and economically viable project report, Achievement Motivation Training and also the nuances of management of an enterprise.

Core Modules were:

- ♣ Entrepreneurship & schemes of assistance
- ♣ Entrepreneurial motivational training
- ♣ Consolidation of business idea
- ♣ Project identification selection & its pre-feasibility
- ♣ Project report/ business plan preparation
- ♣ Management inputs and others



Retirement of Dr. J. Sarangan



Dr. J. Sarangan, Professor of Mechanical Engineering, National Institute of Technology Tiruchirappalli, is an alumnus of this Institute. He graduated in Mechanical Engineering in 1972 and obtained an M.Tech. in Metallurgy Engineering from IITM in 1974.

He started his career as a Trainee (Welding) in Mangalore. He was in that position from 06-01-1975 to 28-01-1976. Later on, he worked as a Research & Development Engineer, in Fouresss Engineering (India) (Pvt) Ltd., Bangalore. He worked there from 07-03-1977 to 11-08-1977. As he liked teaching, he joined KREC as a Temporary Teaching Assistant. He was teaching at KREC from 01-09-1977 to 30-06-1978. Industry pulled him again and he worked as a Deputy Engineer at National Dairy Development Board from 03-07-1978 to 30-09-1983.

Then he joined his alma mater (NITT) as a Faculty in Mechanical Engineering department and eventually obtained his PhD in 1994. He served the Institute till his retirement in September, 2016. During his service at NITT, he visited the UK from 10-01-1997 to 20-07-1997, under the U.K-INDIA RECs Project. During this period, he successfully completed staff development programme in Thermal Energy at Demontfort University, Leicester, United Kingdom from 13 January to 4 July, 1997. He also underwent a one week course on Educational Technology for RECs Faculty sponsored by British Council in January 1997 at I.I.T. Delhi.

He was also a part of the Dept. of Science and Technology sponsored Special Entrepreneurship Development Programme on 31 May 1999.

He offered training to the Officers at the Agricultural Engineering Training Centre, Trichy and delivered Special Lectures on Non-conventional Energy Resources and their Applications on 9.7.98, 14.12.89 and 27.6.90.

Professor Sarangan is quite active professionally as he is a

member of several professional bodies such as American Chemical Society, SAE India, Combustion Institute and Institution of Engineers.

Professor Sarangan served as the Head of the Department of Mechanical Engineering, NITT from September 2010 to August 2013. He retired from service on 30th September, 2016.

Report on the free medical camp conducted for staffs of NITT on 26.09.2016

The office of the Dean (Students' Welfare) organized a free medical camp for the teaching and non-teaching community of NITT in association with M/s. Medi Assist India TPA Pvt Ltd. As a felicitation they came forward to conduct a free medical camp for our staff members in collaboration with M/s. Apollo Hospitals, Trichy and Vasan Eye Care. The camp was organized on 26th September 2016 in Barn Hall and around 120 members including the family members of our staff members were benefitted by the drive. The free medical camp included a list of investigations viz., Height, Weight, BMI, Blood Pressure, Random Blood Sugar, ECG, General Consultation and Eye screening.



'Leadership is the key to countering hurdles'

Trichy: Leadership is the key to countering emerging challenges even during uncertainty and converting them into opportunities, which eventually becomes a success story.

Stressing on this, Bhaskar Ramamurthi, director of the Indian Institute of Technology, Madras, said that as long as we focus on effective leadership we can convert the so called threats to opportunities.



Chief Guest of
Bhaskar Ramamurthi, director of IIT-M, speaks at the launch of PALS in Trichy



REGION

04 TIRUCHY SUNDAY 25.09.2016

3 Tiruchy colleges in IIT network to enhance skills

PRESS NEWS SERVICE @ Trichy

With 11 colleges in Chennai part of the PALS network and eight colleges already enrolled in Tiruchy, the holistic finishing school is already a success. Bhaskar Rama-

also a need for such schools to bridge the gap between the industry and academia," the IIT Director added.

Setu Institute of Technology and a few other institutions have been roped in with classes from IIT already beamed directly to the students in the classrooms.

ALS (Pan IIT Alumni Leadership Series), social initiative of the IIT Alumni Indus-

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CITY THE HINDU • FRIDAY, SEPTEMBER 23, 2016

Festember and 'fusion night'

STAFF REPORTER

TIRUCHY: Classical Indian and Western music bands, literary workshops and a host of other fun activities are some of the events lined up for the 42nd edition of 'Festember', the annual inter-college festival of creative arts hosted by National Institute of Technology- Tiruchi (NITT).

The three-day event got underway on Thursday in the presence of Carnatic vocalist S. Sowmya and T. Jayaseelan, president, Saimar Engineering Technologies.

The theme for this year is "Cultural Syncretism" with the tagline "Bond Boundlessly", with an aim of promoting social harmony and peace between the different cultures in the world. The mascot for this Festember is the panda named Polo.

Festember's opening concert, the 'Fusion Night' featured sibling duo Ambi Subramaniam, a classical violinist and pianist and Bindu Subramaniam, a Western vocalist, who performed with their Subramania band. Ambi and Bindu are the children of acclaimed violinist, composer and conductor L. Subramaniam.



Music programme at Festember Cultural at National Institute of Technology (NITT) in Tiruchi on Thursday. Photo: B.Velankanni RAPHOTO: BELANKANNIRAJI

has the very first international performance of Festember this year. Featuring the Guns 'n' Roses cover

Indian jazz and blues artists Sid Siram, Adman Suresh Triveni and playwright Mahesh Dattani. Workshops in

judge the Mr. and Mrs. Festember competition. On the indie stage, Thrill Veera will show off his jazz

NIT to motivate rural meritorious students

DC LIFE CHANGER
TIR

As NIT-T to help rural students tackle competitive exams

JE igitly onal

NIT-T students lend a helping hand to JEE aspirants from rural schools

TIMES NEWS NETWORK

Trichy: For Alagurani A. who had barely heard of Indian Institutions of Technology (IITs) and National Institutes of Technology (NITs), cracking the Joint entrance examination (JEE) was a far-fetched dream. Not any more.

This class 12 student from Perambalur Government Higher Secondary School has now set his sights on bagging a seat in one of the premier engineering institutes in the country, thanks to the Perambalur district administration which has roped in students from the National Institute of Technology, Trichy to train children from rural areas to crack JEE and



Perambalur collector K Nanda Kumar inaugurated the JEE coaching class for selected students from government schools. G Kannabiran, director-in-charge, NITT is also seen

A set of 60 bright students from government schools across Perambalur have been selected for the coaching

that even a month long training is enough to crack JEE, provided we learn the proper techniques," said Akash A, a class 12 student of a government school in Perambalur who attended the special coaching.

"Being taught by students who cleared the JEE only a year ago is the interesting part of the coaching. We can clear our doubts without any hesitation which is unlike our regular class," he sa-

Special coaching for rural students

By students of NIT-Tiruchi

SPECIAL CORRESPONDENT

TIRUCHY: To help poor students get admission into premier institutions such as Indian

Institutes of Technology and National Institutes of Technology, students of the NIT-Tiruchi (NITT) have come forward to provide special coaching to a set of Plus Two students from Perambalur district to appear for the Joint Entrance Examination (JEE).

The Perambalur district administration has launched the initiative with its 'Super 30' programme, under which 30 students each from Plus One and Plus Two from government schools are being provided special coaching

for the Plus Two public examinations over the past few years. These students would be provided the coaching for JEE.

On Tuesday, Collector K.Nandakumar inaugurated the coaching for the students at the Perambalur Government Higher Secondary School. Bhavik Jagani, Student Council president, NITT, explained the details of the initiative to the students.

"Students from rural areas, particularly government schools, find it difficult to get admission into IITs and NITs. NITT has proposed to help such students of rural and government schools of Perambalur district through



SERVICE: Collector K.Nandakumar launching a coaching programme for school students in Perambalur on Tuesday.

a sustained initiative," said G.Kannabiran, Director (in-charge), NITT.

The idea came up after NITT hosted a visit by a group of students from Perambalur a few weeks ago.

"Inspired by the young aspiring minds, we decided to give an opportunity to those

A number of enthusiastic NITT students have volunteered to provide the training, based on their own experience in writing JEE.

Currently, about 35 NITT students will conduct the coaching for the JEE 2017 and 2018 respectively. They will help the students understand the basic concepts and application of concepts so as to enable them crack the JEE examination.

The student volunteers will be visiting Perambalur every weekend and stay with students to motivate and guide them. Mock examinations will be held periodically to help the students acquire the required competencies. The training will be conducted throughout the year.

