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Course Completion Ceremony



Dr M. Abdul Rahman (Pro Vice Chacellor KTU) in his inaugural address

The course completion ceremony of Sreepathy Institute of Management & Technology, 2011-2015 batch students was held on Saturday 11-July-2015 in the college auditorium. Dr. M. Abdul Rahman, Pro Vice Chancellor, Kerala Technological University, was the Chief Guest.

Dr. S P Subramanian, Principal SIMAT welcomed the gathering. He outlined in brief the goals & achievements of the college. Sreepathy Trust members, PTMA representatives, teaching and non teaching staff members were also present in the programme. More

than 250 students with their parents had participated in the ceremony. Sri. P. Sankaran Namboothiripad, Chairman, Sreepathy Trust, in his Presidential Address congratulated the students for obtaining good results in the seventh

semester exams and wished all the success to the students. The Keynote address was delivered by the esteemed chief guest Dr. M. Abdul Rahman, Pro Vice Chancellor, Kerala Technological University. He outlined the need for a

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Stills from Course Completion Ceremony



## From the Principal's Desk



**Dr S.P Subramanian  
Principal**

I hope all of you are aware of the recent incidents that took place in College of Engineering, Thiruvananthapuram and other colleges in connection with ONAM Celebrations.

The Govt, Law enforcing Authorities and Court have given strict regulations regarding student union activities, celebrations etc. inside College campus in the wake of the unfortunate incidents.

Rules and regulations were existing even before. It is the awareness and co operation among students that matters most. The guidance and monitoring by staff is most important above all rules and guidelines.

No student will purposely kill a fellow student. It is the group psychology and celebrations beyond self control that stimulates the situation beyond expectations.

In Sreepathy, I am extremely happy that our students respect and follow the instructions in all activities. The close supervision and advices from our staff members also make things easier. As a result our college campus has developed as a model campus in terms of celebrations, co operation among students and above all academics. Congratulations to all staff and students for this remarkable achievement.

**Dr S.P Subramanian  
Principal**

## Course Completion Ceremony



*Prof. Ganesh P receiving E Brahmadathan Ever Rolling Trophy for best university result*

common technological university, and spoke about the goals and the innovative revolutionary changes that KTU is going to bring about in the field of technical education. He encouraged the students and advised them on how to face the ever demanding job scenario.

The highlight of the ceremony was the distribution of course completion certificates to the students. All the students present on the day were individually called out to the stage by their respective heads of departments and were presented with their Course Completion

Certificate and a memento by the esteemed chief guest. The class toppers – 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place winners were given certificates and Cash Prizes on behalf of the PTMA. The E. Brahmadathan ever rolling trophy for the best results in S7 was given to the CSE department.

During this ceremony, the students who had successfully completed Add-on courses under SREACE received their certificates from the dignitaries on the dias. For obtaining excellent results the heads of department of CSE, ME, CE and ECE were presented with books to the department library. Felicitation was

given by Sri. P. Janardhanan, President, PTMA. The vote of thanks was delivered by Prof. Sushma M, HOD – ECE. The program concluded with the National Anthem. A delightful lunch was provided to all by the college.

### International Journal Publication

A paper "A hybrid approach for MAV aerial image enhancement", by Jayadevan R, AP/ECE, Akhila H Das, M E Vani, Athira N P, Sreerag K M, Jithinraj M V, ECE, accepted for publication in *International Journal of Advanced Research in Computer and Communication Engineering* Vol 4, Oct 2015.



# AMPLEXOR 2015



*Sri. P Sankaran Namboodiripad, Chairman Sreepathy Trust Inaugurating the program*



*Performance by 2015 Batch students*

Induction programme and scholarship distribution for first year B. Tech students was held on 29th July 2015 under the leadership of AS&H department. About 800 members including 300 students, their parents and staff members participated in the programme. Dr. Thrivikraman K N,

Director Sreepathy Trust welcomed the audience. The function was formally inaugurated by Shri. P Sankaram Namboodiripad, Chairman, Sreepathy Trust. Academic Director Shri K.B Brahmadathan delivered a talk on Sreepathy Trust activities. Dr. S.P Subramanian, Principal, SIMAT

explained the college activities and the academic activities of Kerala Technological University. HODs from various departments explained their department activities. Shri. Jayadevan Namboothiripad (Director, Sreepathy Trust), Shri. K Janardanan PTMA President and Mr. Hisham Abdul Kader (UUC)

delivered felicitations to the audience. Scholarships for first year meritorious students were distributed during the programme by Sreepathy Trust. Dr George C T (HOD AS&H) delivered the vote of thanks. The programme was followed by a lunch.

## Independence Day



*Mr. Premkumar K hoisting flag on Independence Day*

69<sup>th</sup> Independence Day was celebrated in college campus on 15/08/2015 with high spirit and pride. The flag hoisting was done by Mr. Premkumar.K(Administrative Officer) and delivered the Independence Day message. In his talk he focused on the challenges which our nation faced during both the pre-independent and post-independent periods and pointed out the role of students in Nation Building. Sweets were distributed to students and nearby houses.

## Workshop on Proteus and PCB

### Fabrication

A workshop on Proteus and PCB fabrication for the students of ECE & EEE branches was conducted on 4th July 2015 at software lab of ECE. Proteus is the best simulation software for various designs with microcontroller. The objective of workshop was to provide basic ideas about Proteus Software, PCB fabrication and their applications to the students. The programme was organized by ISTE Staff Chap-



*Mr. Ramesh C R in the workshop in Proteus and PCB Fabrication*

ter of Sreepathy Institute of Management and Technology. The resource person was Mr. Ramesh C R (Asst Professor, Vidya Academy of Science and Technology)



The annual tech fest of Sreepathy Institute of Management and Technology, PANCHAJANYA 2K15 was conducted on July 31 and Aug 1, 2015. The function was inaugurated

Principal Dr. S. P Subramanian, presided over the function. Programme convener Prof Ganesh P welcomed the dignitaries. Dr. K. T Madhavan (R&D Cell) and Prof. Thankachan (HoD,

function, the chief guest launched the e-version of college magazine "MELANGE". The inaugural ceremony was followed a talk by Dr. Nandakumar, on application of digitalization. The talk was so interactive that students got chance to understand the concept in deeper way. Mr. Sandeep Nithyanandan delivered the vote of thanks. The common events conducted as part of PANCHAJANYA 2K15 were, paper presentation, poster making and Best manager. The paper

presentation was organized as a common event of PANCHAJANYA 2K15 on 01-08-2015 in seminar hall. The poster making event was conducted at Auditorium. The students participated as a group of 3 members. The theme of poster making was sustainable engineering. The Best Manager event was indeed brand new experience for the participants and was a grand success. 30 students participated in the preliminary rounds which includes 5 students from Jyothi Engineering



Dr M Nandakumar formally inaugurating the Technical Festival

by Dr. M. Nandakumar, Associate Prof, Dept. EEE, GEC-Thrissur. All departments conducted various technical and non-technical events as part of Panchajanya. Around 50 students from various colleges in Thrissur-Palakkad had participated. The inaugural ceremony was arranged on 31-Jul, in Seminar Hall, at 9:30 AM.

EEE) gave away the felicitation address. During his inaugural address, Dr. Nandakumar motivated the students to come up with innovations which have social relevance. "Whatever be the technology used, the research will be fruitful only when it reaches the society". He wished that Panchajanya be a platform for such innovations. During the



Launching of e-version of College Magazine 'MELANGE' by Dr M Nandakumar



## Technocrack



As part of Panchajanya 2K15, IEEE SIMAT Student Branch conducted the Innovative Idea Contest- TECHNOCRACK.



# JANYA 2K15



College Cheruthuruthy Palakkad. The final round was a Product/Service launch presentation and a stress interview based on the Product / Service. Sri Adarsh Pandiath –Master Trainer from S.B Global was the chief jury.

ECE Department has organized the events Cinema Paradiso, (Movie Quiz) and Kuiz technical and had participants from other colleges like GEC



From the event poster making

Dept. of CSE conducted the Virtual Reality (Expo). Virtual Reality exhibition was arranged at S7 CE Classroom. The main attraction of the expo was Leap Motion device. Hardware components, model of Raspberry Pi, etc were also in the exhibition.

Thrissur, Jyothi Engineering College Cheruthuruthy and Nehru Engineering College Pampady. All these programmes have a good participation from ECE as well as other departments like CSE and EEE.



Stills from Tech Fest

## Digital India Programmes



Prof. Sushma.M HoD ECE unveiling the poster of WEEL

Under Digital India programmes two events were conducted: Digital Painting and WEEL (Women Empowerment through E-Literacy). These events were coordinated by CSE dept. Digital painting was conducted under the theme "Vision 2020".

In WEEL, the student volunteers gave computer awareness to the housekeeping staffs of Sreepathy. The programme was inaugurated by Prof. Sushma.M (HoD, ECE), by unveiling the poster of WEEL.



Digital Paintings



## 'Donate Blood, Save Life'



'Donate Blood, Save Life' inauguration of Blood Donation Campaign

The Rotaract club of SIMAT and NSS Technical Cell of SIMAT jointly organized the Blood donation campaign "DONATE BLOOD, SAVE LIFE" in association with Rotary Club of Pattambi and Indian Medical

Association Perinthalmanna at our campus on Friday 3rd July 2015 in College Auditorium. Dr. S. P. Subramanian, Principal SIMAT and Delegates from Rotary Club of Pattambi were present during the Ceremony.

## Paper Presentations



Mr. Ben Austin B Alapatt, Asst. Professor ME Department, has published a paper on "Study of Hardness and Microstructure of Electron Beam Welded Copper Alloy" in IJERM, June 2015 Issue 7.

Mr. Ben Austin B Alapatt  
(Asst.Prof ME Dept)



Mr. Sugesh M.S., Asst. Professor ECE Department published a paper on "Design and Modeling of RF MEMS Phase Shifters Using Various Structures of Coplanar Waveguides" in International Research Journal of

Mr. Sugesh M S  
(Asst.Prof ECE Dept)

**Engineering and Technology (IRJET)** Volume 2, Issue 3 June 2015.

## Bridge Course 2015



Mr. C K Suresh, Director ATMA foundation, Thrissur

The Bridge course for first year students was organized by AS&H department dated from 22<sup>nd</sup> June 2015 to 24<sup>th</sup> July 2015. The theme of the course was to give more emphasis to mathematics as the basis for engineering as well as communicative English for improving the soft skill of the students. Besides, thrust was also given to other engineering subjects like Physics, Chemistry, Mechanics, Graphics, and sustainable Engineering etc. Our Faculty members as well as eminent personalities from

outside were invited as resource persons in the programme. The first class in bridge course was of Mr. C. K. Suresh of ATMA foundation, Thrissur.

Bridge course closing ceremony was held on 24<sup>th</sup> July 2015 at college auditorium. Dr. George C T Head of the Dept, AS&H, congratulated the bridge course students for their sincere cooperation and good effort to grab this opportunity to get new ideas and thoughts. The session ended at 12.15pm and it was a great success.

## Funding for R & D Project

Aeronautics R&D Board, New Delhi sanctioned Rs. 5 Lakhs for the project "Development of Solar Film-based Power Sources for flapping wing Unmanned Mini/Micro Air Vehicle" under Special Interest Group for MAV (SIGMA) panel. The project is for duration of one year. Main objectives are: Development of power generation scheme based on thin film solar cells and storage of the solar power by means inverter and battery, implementation of the scheme on typical fixed wing and flapping wing used for unmanned air vehicles. Work on the project has been initiated; procurement of flexible high-efficiency solar film, charge controller, Li-Po battery etc. is under process. Team: Dileepan V M (EEE), and Dr. Madhavan K T (Head R & D).



## Placement & Training



From Enable 2015



From M-Power Training Program

- ❖ M'POWER -3 Day Life skills Training for S3 batches has been successfully completed by all branches.
- ❖ Campus Placement Cracker (CPC) -2 Day aptitude training for S7 batches by Focus Academy for Career enhancement (FACE), has been successfully completed (From July 3<sup>rd</sup> -6<sup>th</sup>).
- ❖ ICT Academy of Kerala has successfully completed 2 day soft skills training program ENABLE 2015 for all S7 batches (From July 13<sup>th</sup> -28<sup>th</sup>).
- ❖ SREEPATHY students (2015 pass outs) participated in **Udyog 2015**, a Mega Job Fair jointly organized by CEMARK Kerala and National Service Scheme Technical Cell Kerala, on 5th, 6th and 7th of June 2015 at SNGIST Group of Institutions, North Paravur, Eranakulam, Kerala.
- ❖ 2015 CSE pass out students participated in an off campus recruitment drive of YADA Business Solutions Pvt. Ltd, at their office in Kochi.
- ❖ SREEPATHY students (2015 pass outs) participated in the Job Fair '**INSIGHT 2015**' jointly organised by the University of Calicut, Kerala State Youth Welfare Board (Govt. of Kerala) & BigLeap Solutions Pvt. Ltd. on 13<sup>th</sup> & 14<sup>th</sup> June 2015.
- ❖ Organized a webinar session on **05/08/15**, about '**Codevita**'- The prestigious coding contest by the TCS, for the final year and pre-final year B. Tech students.
- ❖ Represented SIMAT in the CTIPS Kerala (Consortium of Technical Institutes for Placement Services) decennial celebrations and mega 'Placement Officers Meet' held at Kochi (Beaumonde The Fern Ecotel Hotel) on Monday, 17/08/2015.

### Expert Talk



Mr. Jino M Pattery in his talk on 'Smart Grid'

An EXPERT TALK on "SMART GRID" was organized by IEEE Student Branch of SIMAT & EEE Association on 17th Aug 2015. The speaker was Mr. Jino.M.Pattery, Senior Engineer- Product Management, Kalkitech. 100 final year and pre-final year students from EEE, ECE and CSE departments attended the session.

### IEEE

- ❖ 13 IEEE student members of SIMAT had attended the IEEE Malabar Hub FACE TO FACE MEET 2015 – INNERVE, jointly organised by the IEEE Malabar Subsection and the IEEE Student Branch, College of Engineering, Vadakara on 27th June 2015 at College of Engineering, Vadakara. The workshop gave a fundamental idea about the Student Branch Administration & Funding Opportunities, Volunteering etc.
- ❖ 19 students from SIMAT attended the IEEE event, KITEs\_15 held at Vimal Jyothi Engineering College, Kannur from 23 to 25 Aug 2015. The students attended the workshops of Electrical System Design and Game Design. They participated in the Technical Competitions – Pick & Place, Mud Race and won first and second prize respectively.
- ❖ 3 IEEE student members – Jishnu Prakash K P, Nasib K J and Nikhil S Warriar attended the IEEE Malabar Hub Meet - EKATHRA 2015, on 01 Aug 2015 in NSS College of Engineering, Palakkad. They attended two sessions – Workshop on Web Development and Lecture on Smart Grid.



## Staff Achievements

- ◆ Smt. Smitha G attended a 3 day state level workshop on “Sustainability Engineering” at College of Engineering, Trivandrum.
- ◆ An orientation programme on CNC Awareness was given to Malappuram Industrial and Entrepreneurship Development cell on 20<sup>th</sup> and 27<sup>th</sup> June by Mr. Neelesh Asok, Mr. Ben Austin
- ◆ B Alapatt, Mr. Ajithakumar and Mr. Sreejesh PD.
- ◆ PG Cluster meeting was held in Jyothi Engineering College for Palakkad cluster and Remya.K.M (M.Tech coordinator) attended the meeting
- ◆ Mr. Manu Madhavan attended Python workshop at FISAT Angamali on 9/7/2015.
- ◆ Praseeja N.V, Nisanth P. Asst. Prof, ECE attended two day workshop on real time signal processing using FPGA at VAST, Thrissur on 3<sup>rd</sup> and 4<sup>th</sup> of July '15.
- ◆ Mr. Hithes.P, Assistant Professor in Physics, did the inauguration of science club of Parudur High School, Karambathur, Pallippuram on 9<sup>th</sup> July 2015.

## Industrial Visits

- ◆ A field visit has been conducted to Peechi Dam and Water treatment plant at Peechi, for S7 CE students on 08/07/15. Asst. Prof. Abilash and Sivaranjini accompanied the students.
- ◆ S3 ME batch students visited Sree Narayana Engineering Industries Kulappully on 8/7/ 2015.
- ◆ S7 ME students visited Instrumentation Limited, Palakkad.
- ◆ S7 EEE students had gone for an Industrial Visit to “Pallivasal Hydroelectric power plant” on 13/8/2015. Mr Renjith PC & Ms Nimisha Ravi accompanied the students.
- ◆ S5 EEE students had gone for an Industrial Visit to “Idamalayar Hydroelectric power plant” on 13/8/2015
- ◆ S5 ME students visited IRTC, Mundoor, Palakkad. 10 students of S7 ME attended
- ◆ Expo 2015 organized by Induscan Petroleum Institute, Nilambur.
- ◆ One day industrial visit was conducted for S7 CE students(2012 Batch) on 10/8/ 2015 to the work site of Mar Osthathaus College, Perumpilavu, Prof. Sudheer K.V, Ajisha.R, Delgy David A accompanied the students.

## Students Achievements

- ☞ Ms. Panchami Mohan (S5 CSE) won award in online quiz hosted by IEEE Malabar Section, as part of IEEE Webinar on 12-08-2015.
- ☞ Mr. Banu Prakash M E S5 ECE, Mr. Arun Jathavedan, S7 CSE were selected as the Student champions for ICT academy of Kerala.
- ☞ Mr. Sandeep Narayanan and Mr. Jubin (S5 CSE) cleared the first level of Code-vita challenge organized by TCS.
- ☞ Hareesh Krishnanunni and Krishnaprakash K U of S5 ME have undergone an Internship programme at Hitachi – Dharwad.
- ☞ Mr. Gadheyana T.S, Ms. Maneesha K.P, Mr. Sandeep Nithyanandan, Mr. Sanoop Krishnan K.P and Ms. Uma E.S from CSE Dept. were selected for the free .NET Job preparation package offered by ICT Academy of Kerala in Association with Course Brew.

### Obituary



**Akshay Gurudev**  
S3 ME  
2014 Batch