



# NOISTEKS

## News Letter of ISTE Kerala Section

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**September 2009**

**For private circulation**

### From the Chairman's Desk



Greetings from ISTE Kerala Section. On perusing the activity reports of the chapters one could see another eventful year. In most cases the students chapters outshone the parent faculty chapters by the variety and magnitude of events organized. This year section office bearers had a tough time deciding on the best performers. The managing committee decided to motivate the lead performers by constituting some new awards. The performances of SJCET Palai, GEC Thrissur, CET Thiruvananthapuram, VJCET Vazhakkulam, TKMCE, Kollam, NSSCE Palakkad, Model Polytechnic College, Kalletumkara, Amaljothi CE, Kanjirappalli, and Vidya Academy of Science and Technology, Thrissur require special mention. Most of the chapters at polytechnic colleges appear to be in a dormant state and additional efforts are essential to bring them back to life. In the current year we could add more than 250 life members to the organization. The induction training programmes of ISTE have been attracting participants regularly and there are specific demands for micro teaching analysis of instruction. It is heartening to see that the managements of new generation institutions and the faculty are willing and forthcoming to participate in such programmes and enhance their performance. The building construction is progressing but the required pace is not achieved due to paucity of funds. If all of us put our efforts together realizing this dream project will not be difficult. Ragging is an evil which needs eradication from our campuses. The ISTE chapters must take a lead role in this regard and evolve strategies and programs for the same. Terrorism is another menace which also needs to be addressed. Kudos to our space scientists who have done well in identifying presence of water in the moon. The successes of Chandrayan – 1 and the recent PSLV missions have renewed the interest of youngsters in engineering profession and I am sure that this will motivate many bright students to stick to the core areas of engineering with passion.

Best wishes

**B. ANIL**

### Induction Training programmes

Two induction training programmes were organized by the section during this summer. The first one was conducted at Vidya Academy of Science and Technology, Thrissur during 21-27 May 2009. 25 participants from various colleges were trained. Prof. Soolapani warrier was the coordinator. The second programme was organized at GEC Thrissur during 25-29 May 2009.. The programme was coordinated by Prof. Jayakumari and Prof. C.P.Sunil kumar. 27 participants attended.



### New Secretary for Kerala Section



Sri. C. P. Sunil kumar is nominated as the new secretary of ISTE Kerala Section. He succeeds Mr. K. O. Paul. An assistant professor in Mechanical Engineering at GEC Thrissur, he has shouldered several assignments successfully.

### ISTE Kerala Section Building project



**Contribute liberally to realize the dream**

## 7th Annual convention of Student Chapters

ASPIRE '09 – the 7th Annual student state convention of ISTE Kerala section was organized at St. Joseph's College of Engineering and Technology, Palai during 19-20 September 2008. The theme of the convention was Finishing Schools for Engineering Students: An Urgent need. The convention was inaugurated by Rev. Msgr. Philip Njaralakatt (Chairman, SJCT) in the presence of Dr. P. Prathapachandran Nair (Chairman, Kerala Section), Dr. K. Vijayakumar (Jt. DTE), Mr. K.O. Paul (secretary, Kerala section), Dr. D. Balakrishnan (NC member), Dr. P.J. George (Former Ex. Secretary, ISTE & Project Director, SJCT) and Dr. C. J. Joseph (principal). The souvenir was released by Dr. D. Balakrishnan. The theme talks were presented by Mr. Rajeev Mukundan (TCS, Kochi) and Mr. B.S. Warriar (noted columnist and career consultant). Competitions were arranged on Circuit debugging, Technical debate, Design contest, Software debugging, Technical quiz, New product launch, Best manger and Paper presentations. Students Chapter, GEC Thrissur won the overall championship. St Gits College of Engg, Pathamuttom and SJCT, Palai secured 2nd and third positions.



Inauguration of the convention



Overall champions GEC Thrissur team with trophy



Dr. P.J. George addressing the meeting of office bearers of the student chapters

## ISTE Day Celebrations

ISTE day was celebrated on 21st May 2009. Functions were arranged in various chapters to commemorate the formation day. In wake of the terrorist attacks and the threat faced by terrorism it was also decided to take anti-terrorism oath during the function. In Trivandrum, the function was well attended and Dr. J. Letha (Principal CET) spoke on the evils of terrorism and advised all to be very vigilant against such activities. Anti-terrorism oath was read out by Dr. B. Anil (Chairman, ISTE Kerala Section) and all the participants joined to take the oath.



## ISTE Staff Training College project

The construction of the building at Thrissur at an estimated cost of Rs.80 lakh is progressing well and the first phase is scheduled to be completed by March 2010. The proposed staff training college will be housed in this building in addition to office of the Kerala section.

First stage -Plinth area : 390 sq. m

Provisions : Reception, Office Room, Library, Staff room, Seminar Hall, accommodation (Double rooms), Toilets, and Conference hall.



The construction in progress



## Website of ISTE Kerala Section

ISTE Kerala Section launched a new website (istekerala.in) in a simple function at the head quarters on 12 September 2009. The site was officially opened by Dr. P. Prathapachandran Nair (former Chairman). Dr. B. Anil (Chairman) explained the features of the website. Mr. C.P. Sunilkumar, Mr. T.O. Thomas, Mr. Justin Pachan, Dr. K. Jose, Prof. Jayakumari, Dr. Gracius (Principal, VJCET) and several others were present. The website has all necessary information regarding the section, chapters, institutional members, and student chapters. A photo gallery and links to various related sites are also provided.



## Association with other professional bodies

ISTE Kerala section has joined hands with other professional bodies in conducting various activities. The Institution of Engineers(India)-Kerala State Centre, IETE, IEEE, CSI, Systems Society of India, AeSI, Project Management Institute-Kerala Chapter, INSARM are the other bodies associated with ISTE. Under this scheme Weekly meeting and Invited Talks are arranged jointly by the professional bodies. In the current year ISTE participated in the conduct of more than twenty programmes.

## News from the Chapters

### SJCET, Palai

- A workshop on 'Energy Management – Challenges and future prospects' was organized during 19-23 Jan 2009. It was inaugurated by Dr. Geore Sleeba, CMD, Fact Ltd.
- A workshop on Advances in Manufacturing & production Management was conducted during 23-24 April 2009.
- A training programme on 'Professional Excellence' was organized on 10 June 2009 in association with CSEA
- A National conference on 'Emerging Trends in power Systems and Energy Management' was organized in association with IEEE. Dr. R. Sreeramkumar inaugurated the conference on 17th July 2009.
- A training programme on 'You and your research' was conducted on 4 July 2009.

### NSS Engineering College Palakkad

- Arranged a STTP on 'Hands on Training in Free software' sponsored by AICTE during 11-23Nov 2008.
- A National Seminar on 'Technology, Education and management Scenario in India' was organized during 24-25 March 2009.
- An orientation programme for 1st year students was conducted on 25 Sept 2008. The programme was inaugurated by Dr. M. R. Vikraman (principal). Prof. C.K. Subramonia Prasad, Prof. C. K. Anil kumar and Prof. Sasidharan were the resource persons.
- An Entrepreneurship Development programme was arranged during 29-31 December 2008

## College of Engineering Trivandrum

- Felicitation to Sri. M. Chandradathan, Director, SDSC, Sriharikkotta was arranged on 12 December 2008. Dr. J. Letha, Dr. A. Suresh kumar and Prof. S. Sheela spoke on the occasion.
- An STTP on Seismic Soil structure interaction was conducted during 11-15 April 2009.
- CET-ISTE chapter brought out a news letter on 30th April 2009. The first issue was released by Dr.E.P. Yesodharan, Vice-president,KSCSTE. Dr.Kuncheria P Isaac, DTE was also present.



### Amaljyothi College of Engineering, Kanjirappalli

- A STTP on 'Research, ICT and communication technology' was conducted during 26 Nov–2 Dec 08.
- A workshop on Emerging trends and innovation in IT Curriculum was conducted during 3-6 Dec 2008.
- An Induction training programme was conducted during 12-13 December 2008.
- A National conference on Research in Engineering (NACORE 09) was organized during 27-28 March 2009.

### Vidya Academy of science and Technology

- 67 life members were enrolled in the current year
- Induction Training programme was conducted during 20-25 October 2008.
- Extended programmes on 'Computer Algebra Systems' was organized on 11 June 2008. and on PHP was conducted during 23 Feb to 2 March 2009.
- A National Conference on Communication Networks (NCOCN 09) was conducted on 27 March 2009. Dr. K.G. Balakrishnan inaugurated the conference.



### Toc H Inst. Science and Technology, Ernakulam

- A seminar on 'The Global Financial Crisis' was organized on 3 Nov 2008. Mr. Alphonse Kannamthanam IAS (rtd), MLA was the main speaker.
- A seminar on 'Beauty in Arts and Science' was organized on 25 November 2008. Dr.V.P.N. Nampoori (CUSAT) was the keynote speaker.
- A seminar on 'An Introduction to MEMS and MEMS based devices' was organized on 7th February 2009.

### VJCET, Vazhakkulam

- STTPs on Emerging Trends in Mobile Computing Technologies (30 Oct - 5 Nov 08) and on Advanced Mathematics for Engineers were conducted.
- A national seminar on Security, Parallel Processing, Image Processing and Networking (SPIN 09) was organized during 15-16 January 2009.
- A national seminar on VLSI & embedded Systems was organized during 13-14 March 2009.
- A teachers training programme during 17-19 Nov 2008. 50 faculty members were trained.

### GEC Thrissur.

- An Interactive session with Sri. M. C. Dathan, Director, SDSC, was arranged on 2 June 2009.
- As part of World Environment day celebrations 500 saplings were planted in the GEC campus.
- An orientation programme on Text book writing and Lab Manual preparation was arranged on 21 July 09.
- An STTP on Infrastructure Development and Management was conducted during 8-11 July 2008.
- A talk on Pragmatic measures to prevent ragging was delivered by Prof. P.K. Latheef on 7 November 2008
- A brainstorming session on Teaching Effectiveness and Accountability was conducted on 19 September 2008.

### News from the Student Chapters

#### TKM College of Engg Kollam

- "MAGNUM" an event to popularize ISTE among the first year students was organized in November 2008.
- A quiz competition was held on 2 February 2009.
- A talk "From Borrowers to Creators" was arranged on 12 February 2009.
- A news letter "SANKETHIKA" was released on 28 April 2009 by Principal Dr. S. Ziaudeen.
- A visit to KMML was organized on 24 July 2009.



#### Polytechnic College, Chelakkara

- A 3 day workshop on Placement orientation was conducted during 29-31 August 2008
- A programme on zero defects "5S" was organised in October 2008
- A student development programme (SD programme) was arranged during 28-30 November 2008.

#### GEC Thrissur

- A technical quiz was arranged on 3 Sept 2008
- Engineers day was celebrated on 15 September 2008
- In connection with Road safety week a debate on "Pragmatic measures to prevent road accidents" was conducted on 8 January 2009.
- Visits to Peringalkuth Power Station on 17 Jan 2009 and Silent valley on 26 June 2009 were arranged.
- A talk on Self Amelioration and Broadening Personal Horizons by Mr. Ajit Ramaswamy was arranged on 31 July 2009.

### Model Polytechnic College, Kalletumkara

- Technical paper presentations were arranged on 18 September 2008.
- A group discussion on "Terror Attack in Mumbai, Reasons and Suggestion" was arranged on 5 December 2008.
- A software debugging contest was arranged on 23 January 2009. Sri. Vibin M.S. won the first prize.
- Network gaming was conducted on 6 March 2009.
- A seminar on Your Planet needs you - Unite to combat climate change was organized as part of world environment day on 5 June 2009.
- An exhibition on Electronics Projects was organized on 10 June 2009
- A debate on the topic "Beauty Contests- Demoralise Indian culture" was conducted on 31st July 2009.

### CET Thrivananthapuram

- Several competitions (MathArena - The mathematics Quiz on 25 Sept & 3 Oct 2008, A Videography context :1-10 Oct 2008. A photography contest: 1-13 Oct 2008, General quiz competition "Don QuiZote": 16-17 Oct 2008, A Paper glider making competition on 5 Dec 2008, The Best Engineer Contest on 23 Feb 2009) were organized.
- The Official blog "iste-cet.blogspot.com" was launched on 24 October 2008.
- PRARAMBH a programme to familiarise ISTE was conducted during 4-6 November 2008.
- An industrial visit to Poabs-MSand facility was arranged on 25 July 2009.
- Campus recruitment training- CEREBRO 2009 was organized during 27-29 July 2009.
- The News letter 'Excelsior' was released on 17 July 2009.
- Aavishkar 09 - a National level techno management festival was conducted during 10-13 Sept 2009. More than 500 participants from 50 institutions participated in 43 different competitions. It was inaugurated by Mr. M. Ayyappan, CMD, HLL Life care. Dr. K.P. Isaac, DTE delivered the keynote address.

### SJCET Palai

- An Intra collegiate paper presentation contest was conducted on 12th March 2009
- Mr. Manu Zachariah delivered a talk on Ethical hacking on 21 March 2009.



- 4th National level technical symposium was organized on 28 March 2009.
- An exhibition on Mini projects was arranged on 24 July 2009.
- A one day workshop on Introduction to MatLab and Simulink was organized on 5 Feb 2009.

### Published by The Secretary, ISTE Kerala Section

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