



# NOISTEKS

## Newsletter of ISTE Kerala Section

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### Chairman's message



The last quarter was remarkable for Kerala Section. The long cherished dream of ISTE Section Head quarters building and Staff Training College Project got inaugurated during this period. This is the result of the efforts and contributions of the ISTE members of the Kerala section. Many institutions were magnanimous in extending their support in this endeavour. The contributions from ISTE Head quarters, various organisations, Management of different Engineering Colleges and individual contributions from members is thankfully acknowledged. I also place on record the planning and ground work done by my predecessors, the efforts spared by the building committee, and the relentless support of SMC members for the project. At this juncture I must remind that only the first phase of the project is complete and lot more have to be done to make it into a fully residential facility which can contribute a lot in enhancing the quality of technical education in the State. I am sure that with the support from the members anything is possible.

The 24<sup>th</sup> annual convention of the section was organised in the befitting manner on 16<sup>th</sup> November 2013. I, on behalf of Section management Committee thank the Management and the organising committee of Heera College of Engineering and Technology, Nedumangad for taking up the responsibility of organising the event.

The ISTE-Srinivasa Ramanujam Mathematical Competitions have become a great hit this year. The response from the six institutions was very good with more than 100 participants in most institutions. I am sure that next year it will attract more participants and most institutions and chapters will take initiative in organising the event.

I wish all members a Merry Christmas and a Happy New Year!

**B. ANIL**

### Suggested Updates

- Chapter office bearers are requested to send the email-ids of all the members(including those retired from service) in order to ensure a wider reach of the Newsletter.
- Encourage more memberships and Plan for ISTE activities
- Send in the suggestions for specific training requirements

### ISTE Headquarters Building - Inauguration

The much awaited dream project of ISTE Building - phase one, was completed and Inauguration was held on 5th October 2013. The Headquarters building & Staff Training College of ISTE Kerala Section at Thrissur was inaugurated by Dr. Kuncheria P. Isaac (Member Secretary, All India Council for Technical Education).



Dr. K. P. Isaac (Member Secretary, AICTE) opening the building



Dr. R. Murugesan (National President, ISTE), lighting the lamp

The inaugural function was held at the millennium hall, GEC Thrissur. Dr. B. Anil (Chairman, Kerala Section) presided, Dr. K. Vijayakumar (Principal, GEC Thrissur & ISTE National Executive Council Member) welcomed the gathering, Dr. K. P. Isaac delivered the inaugural speech. Dr. R. Murugesan (President, ISTE), Dr. S. Basil Gnanappa (Executive Secretary, ISTE), Smt.(Prof.) V. Santhakumari (Sr. Jt. Director of Technical Education), Dr. S. Radhakrishnan (Jt. Director of Technical Education, RDTE, Kothamangalam), Sri. K. P. Salimkumar((Jt. DTE, Curriculum Development Centre), Prof. C. P. Sunilkumar (SMC Member & Chairman, GEC Trissur Chapter) spoke on the occasion and Dr. P. R. Shalij (Secretary, ISTE Kerala Section) proposed the vote of thanks.

Those who know how to think need no teachers.

**Mahatma Gandhi**

## Building Inaugural function & National Seminar

The doyens of technical education, who contributed to the cause of ISTE in the State, were felicitated in the inaugural function. Dr. P. J. George, Dr. R.P.R. Nair, Prof. K. S. S. Naik, Prof. T. V. Babu Rajendran, Prof. P. Prathapachandran Nair, Prof. P. I. Varghese and Sri. N. K. Sidharthan were among the dignitaries who received felicitations.



Felicitations function

The contributions of Building committee members including Prof. R. P. R Nair, Prof. Jayakumari, Sri. Thomas John and Sri. Unnikrishnan, Sri. T.O. Thomas, Sri. Paul (former secretary) and others for realizing the project were acknowledged. Prof Participants of National Seminar. Latheef of M/s Latheef Associates was felicitated for carrying out the construction of the building.

A National seminar on “**New paradigms in technical teacher training: motivate, challenge & innovate**” was arranged in association with Curriculum Development Centre, Department of Technical Education, Government of Kerala, after the inaugural function. The Seminar was inaugurated by Sri. K. P. Salimkumar(Jt. DTE, Curriculum Development Centre, Kalamassery). Dr. P. J. George (former DTE, Govt. of Kerala), Dr. T. V. Babu Rajendran, (former Principal, NSSCE, Palakkad), Prof. K. B. M. Nampoodiripad(former professor, NIT Calicut), Prof. K. Gopalakrishnan Nair(Former Principal, GEC, Calicut) and Smt. A. S. Chandrakanta (Principal, Govt. Womens’ Polytechnic College, Nedupuzha) presented papers in the Seminar. The seminar was attended by more than 300 ISTE members from Engineering Colleges and Polytechnic Colleges in the State. The programme was organized by a team from GEC Thrissur consisting of Dr. Shalij P. R., Prof. C. P. Sunilkumar, Sri. Manilal A. M.(secretary, GEC Chapter), Sri. Benoy B(Faculty advisor, GECT student chapter), Dr. M. Nandakumar and Sri. Chandrabose.



National seminar

“The task of the modern educator is not to cut down jungles, but to irrigate deserts”. [C. S Lewis](#)

## 24<sup>th</sup> Annual ISTE Kerala Section Convention

The 24<sup>th</sup> ISTE State Annual Convention of Kerala Section was held at Heera College of Engineering and Technology (HCET), Nedumangad, Thiruvananthapuram on 16<sup>th</sup> November 2013. The theme of the Convention was “**Challenges and Opportunities in Technical Education, Research and Innovation in the Digital World**”.



Dr. G. Madhavan Nair lighting lamp in the presence of Mr. N. Krishnan Nair(MLA), Dr. R. Murugesan, Dr. A. R. Babu(Chairman, Heera Group), Dr. B. Anil and Sri. Mohan Abraham(CEO, Heera Institutions)



Dr. R. Murugesan addressing the gathering. Sitting From Left Mr.A.R.Subin, (Director, Heera Group), Mr. N. Krishnan Nair (MLA), Dr. A. R. Babu, Dr. G. Madhavan Nair(Former Chairman, ISRO), Dr. B. Anil, Dr. S. Basil Gnanappa (ISTE Executive Secretary), Dr. K. Satheesh kumar(Principal HCET), Mr. Mohan Abraham. Back row from Left Mr. Nithin Padmanabhan(Treasurer, Kerala Section) and Mr Gopakumar(Organising Secretary).

Dr. K. Satheeshkumar (Principal, HCET) welcomed the gathering and Mr. Mohan Abraham(CEO, HCET) shared Vision HCET on the occasion. Padma Vibhushan Dr. G. Madhavan Nair, (Former Chairman, ISRO) delivered the keynote address. Mr. A. R. Subin(Director, Heera Group) released the Souvenir and Heera Group chairman Dr. A. R. Babu announced the sponsorship for ISTE-HCET Best Teacher State award. ISTE awards for the year 2012-13 were declared by Mr. Nithin Padmanabhan(Treasurer, Kerala section) and the awards were distributed by Dr. S. Basil Gnanappa(ISTE Executive Secretary). Felicitations were offered by Shri. Koliyakode. N. Krishnan Nair (MLA), Shri. Shinu (Panchayath ward member), Shri. Samuel Mathew (Joint Director of Technical Education), Shri. C. K. Mohanan (Director, VHSE), and Shri. Hassan Yakud (PTA Vice President, HCET). Er. Gopakumar.R Asst. Prof. ME dept of HCET, (Organising Secretary) proposed Vote of Thanks.



In Convention seminar two technical sessions were conducted on 16 November 2013 at Heera College of Engineering and Technology. In the first technical session, invited talks were delivered by Prof. P. O. J. Lebba (on Present Problems facing Technical Education in the State) and Dr. S. Basil Gnanappa (on Recent Infrastructural Development in India ). In 2nd Technical session, papers were presented by Smt. Nidhi M. B. (Asst. Professor, MBCET), Smt. A. S. Chandrakantha (Principal, Govt. Womens Polytechnic College, Nedupuzha), Prof. V. I. Shamsudeen (Deputy Director, Curriculum Development Centre, Ms. Remya, Ms. Sabeena.K, and Ms. Divya Madhu.

The meeting of the office bearers of the chapters were held at noon. The meeting discussed the means by which the membership increased, chapters made more active, and visibility achieved for the chapters. The 24<sup>th</sup> AGM was held at 3.00 pm. The convention was attended by more than 400 delegates.

## ISTE Chapter Activities

### Mohandas College of Engineering and Technology

Short Term Training Programme on Creativity In Technical Education was organised during 18<sup>th</sup> to 23<sup>rd</sup> of November 2013. Dr. Ashalatha Thampuran, Director, MCET inaugurated the programme and delivered the key note address. The inaugural session was presided by Dr. R Ibrahimkutty, Principal, MCET. The program emphasised on innovative practices in teaching, improving presentation skills, understanding adolescence, self motivation and stress management. 30 faculty from Mohandas College of Engineering and Technology participated in the programme.



Participants of STTP

“The teacher who is indeed wise does not bid you to enter the house of his wisdom but rather leads you to the threshold of your mind”.

- **Khalil Gibran**

“In learning you will teach, and in teaching you will learn.”

— **Phil Collins**

### Govt. Engineering College (GEC), Thrissur

Two day workshop on C PROGRAMMING was held on 19<sup>th</sup> and 20<sup>th</sup> of October 2013. On the first day, the participants were addressed by the faculty adviser, Prof. Binoy B B and student convener Sujith A K (S7 CE) gave a small introduction about ISTE and its objectives to the participants. The classes were engaged by Mr. Sreelal, Mr. Vijeenoosh P. W. and Mr. Rajeev S. of S7 CSE, Mr. Jithesh Vijayakumar and Mr. Albince Paliakkara of S5 CSE, who are well experienced in the field of coding websites and programming. On the second day of the workshop the participants had a practical session. Mr. Varun Mulloli of S7 CSE and Mr. Abhay Krishnan of S3 CSE helped the participants. Mr. DwarakLal (S7 CE), Secretary, ISTE GEC Chapter delivered vote of thanks in the concluding session.



Participants of Two day Workshop at GEC Thrissur

The ISTE chapter of Govt. Engineering College (GEC), Thrissur enthusiastically organised the Zonal competition of SREENIVASA RAMANUJAM MATHEMATICS COMPETITION at 2 PM on 9<sup>th</sup> November 2013. A total number of 34 students and 15 teachers participated in the zonal level from GEC, Thrissur, ToCh Institute of Science and Technology, Ernakulam and Vidya Academy of Science and Technology, Thrissur. The Chief Coordinator of the event was Prof. C. P. Sunil Kumar, Chairman, ISTE GEC Chapter.

The chapter level examination was conducted during August with more than 100 students and 20 teachers participating from GEC, Thrissur.



A view of the Zonal level exam ISTE-SRMC 2013 conducted at GEC Thrissur (Zone-II)- Faculty Adviser Prof. Binoy B. B. in invigilation duty

“Real success is finding your lifework in the work that you love”. **David McCullough**

## Mar Baselios College of Engineering and Technology

The session on 'Effective Classroom Teaching for Professional courses' was handled by Mr Krishna kumar and Mr. Sankar on 7th Nov 2013 at 9.30 am. The session included Goals setting, Notes making, Public speaking skills, Importance of physical fitness & voice modulation, giving and receiving feedback (criticism / objection), making assignments interesting and fair practices in internal assessment. The session also included short mock sessions by faculty members Mr. Arun and Ms. Ruby Mariam. The feedback by experts gave valuable insight from these mock sessions.



Session by Mr. K. K. Krishnakumar in progress

The function was presided over by Dr TM George, Patron of ISTE-MBCET faculty chapter. The welcome address was delivered by Ms Nidhi M. B. (Chairman, MBCET Chapter), felicitations were offered by Ms. Ansu, and Ms Divya N A (Secretary, MBCET Faculty Chapter). There were 44 participants from the institution. Ms Divya and Ms Nidhi MB were the coordinators.

## Thejus College of Engineering

A seminar on "Over current relay coordination using Particle Swarm optimisation" by Ms Ambily P S (Asst Prof, Department of Electrical and Electronics Engineering, Thejus Engineering College) was held on 29th Sept 2013.



The session by Ms. Ambili

"The very spring and root of honesty and virtue lie in good education." **-Plutarch**

## St. Joseph's College of Engineering and Technology (SJCTET), Palai

An International Multi-conference on Automation, Computing, Communication, Control and Compressed Sensing was organised on 22nd and 23rd March 2013 in association with IEEE. Around 350 Delegates participated.



Delegates of multi-conference - A glance

A training programme for the teachers of Electrical & Electronics Engineering Department on "Power Electronics Lab" by Prof. P. Madhavan Nair. An "Industry Institute Interaction Session" to the students was also conducted by Er. Reji John, Manger Design Telk was held on 10th and 11th April 2013.



Invited Talk by Er. Reji John at SJCTET, Palai

A training programme on "Power Electronics Lab" by Prof. P. Madhavan Nair was organised on 7th May 2013.



Faculty Interaction with Prof. P. Madhavan Nair

Optimism is the faith that leads to achievement, nothing can be done without hope and confidence." **-- Helen Keller**



## ISTE CET chapter

Workshop on Positive thinking and Stress management, was conducted 04.03.2013. Dr. Arun B. Nair, Professor, Medical College Trivandrum was the main resource person. There were 70 participants.

A talk by Prof. R. V. G. Menon, Retired Professor and environmentalist was arranged under visiting faculty programme for PG and UG students of the Department of Electrical Engineering in association with ISTE CET chapter on 11<sup>th</sup> Feb 2013. 150 students attended the session.

FDP on Control Engineering Practice: Theory and Hands on, was conducted during 3<sup>rd</sup> to 15<sup>th</sup> of June 2013 with Experts from various institutions. There were 41 participants.

18 final year UG students and 3 faculty members had a Technical Visit to Kanthari International institute of Research & Technology, Vellayani, Thiruvananthapuram on 06.07.2013. The institute is known for innovative projects like solar powered buildings, floating Platform Island using pet bottles for harvesting solar power, cycle powered water sprinkler, etc.

## ISTE Kerala Section Awards 2012-13

### Faculty Chapter Awards

- **Best Chapter:** College of Engineering Trivandrum & St. Joseph College of Engineering and Technology, Palai.
- **Best Emerging Chapter :** J D T Islam Polytechnic College
- **Chapter with Maximum New Memberships:** Mar Baselious College of Engineering and Technology
- **Chapter with maximum number of programs:** Government Engineering College Thrissur .
- **Chapter with maximum Variety of programs:** Vidya Academy of Science & Technology, Thrissur.
- **Special appreciation:** 1. Mohandas College of Engineering and Technology Chapter & 2. Sree Rama Government Polytechnic College.

### Student Chapter Awards

- **Best student chapter:** College of Engineering Trivandrum
- **Best Emerging Students Chapter:** ToCH Institute of Science and Technology.
- **Students Chapter with Maximum New Memberships:** Mar Baselious College of Engineering and Technology.
- **Students Chapter with Maximum Memberships:** Mohandas College of Engineering and Technology.
- **Students Chapter with maximum number of activities:** Government Engineering College Thrissur.



Glimpses from ISTE Building project Inauguration and 24th ISTE Annual Convention at Heera College of Engg. and Technology



## From the Editor's Desk

This **Fourth** issue of the newsletter of this year, was challenging in terms of collating and sifting the news received from various activities reported from different ISTE chapters across the state. We thank you for the overwhelming response. From 3<sup>rd</sup> issue of Newsletter in 2013 we have introduced **responses column** and we are happy to receive many encouraging comments and suggestions!! In this issue we are sorry for being unable to include announcement column and responses column owing to space constraint. We also encourage advertisements from various industries/institutions in the newsletters on payment basis. Being the last issue of the year; present issue of the newsletter has tried to balance the news coverage of various events from various chapters as per the order of receipt from chapters/institutions.

*We wish you all **Merry X'mas** &  
Prosperity filled **Happy new year**  
ahead !!*

Any further information regarding the chapter activities, Quotes, Suggestions/Corrections for Newsletter inclusions or matters to be published in newsletter may kindly be communicated over email: [editor@istekerala.in](mailto:editor@istekerala.in) or [nidhi.iste@gmail.com](mailto:nidhi.iste@gmail.com).

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**ISTE STAFF TRAINING COLLEGE PROJECT**  
*Contribute liberally to the Building fund*