



# NOISTEKS

## Newsletter of ISTE Kerala Section

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### Chairman's message



Dear fellow iste members

Wishing you all a happy and fruitful new year . I am using this opportunity to congratulate all our members for their wholehearted support and co-operation extended to the successful conduct of 27<sup>th</sup> Annual State Convention at Dasan Institute of Technology, Kozhikode.

Hope the coming year will be more productive in terms of workshops, training and other short term programmes organised by the chapters and state section thus strengthening the ISTE family.

I would like to invite your attention to the Digital India programme, launched by the Government of India with a vision to transform India into a digitally empowered society and knowledge economy. It is an initiative of the government where every Indian is ensured that government services are made available electronically by improving online infrastructure and internet connectivity. The initiative includes plans to connect rural areas with high-speed internet networks. The Digital India programme aims at pulling together many existing ICT schemes which will be restructured, revamped and re-focused to be implemented in a synchronized manner. The common branding of programmes as Digital India highlights their transformative impact and the wider consultations across government, industry, civil society, and citizens facilitates innovative solutions for achieving good governance.

In a technology driven society, I feel that it is the responsibility of all our members with the valuable knowledge and expertise in the area of ICT to involve voluntarily in organising programmes to create an awareness among the public about the entire gamut of government services available and the use of ICT, to address the societal needs/ problems in a more effective way. Let us take a new year pledge to work together side by side with the government and other agencies in educating the common man the benefits of going digital for good governance and reforming the government through technology.

Best wishes

K. Vijayakumar

**28<sup>th</sup> Annual State Faculty Convention  
and 15<sup>th</sup> Annual Student convention  
Expression of Interest Invited**

### ISTE Annual State Convention

The 27<sup>th</sup> ISTE Annual Convention of the ISTE, Kerala Section was on 19.11.2016 at the M-Dasan Institute of Technology, Ulliyeri, Kozhikode. There 200 delegates from various institutions. Dr. K Vijayakumar, DTE and Chairman ISTE resided the function. After an invocation by the college students, the Principal, Dr. P.T. Rajan Nambiar (Chairman, M-DIT FC) welcomed the dignitaries and delegates. Prof. H.Ahinus, Director, M-DIT who was the Organizing chairman, gave an introspection of the college and Sri. M Mehaboob, Chairman, M-DIT spoke about the uniqueness and functioning of the college. Prof. Vijayakumar, DTE and the ISTE Section Chairman, delivered a presidential address. The Guest of Honour, Dr. Khader Mangad, Honorable VC, Kannur University inaugurated the function lighting an oil lamp and delivered a brilliant keynote address. Sri. A K Mani, Secretary M-DIT (Ex-Block Panchayath President) offered felicitations and he also released the proceedings of the convention. The ISTE, Kerala Section Awards were declared by Sri Kuriakose, Secretary of the Section. Sri. Sudheebh M, Organizing Secretary proposed a vote of thanks.



Dr. K Vijayakumar, DTE and Chairman ISTE lighting lamp

The Seminar was organized in three Technical Sessions, one in the FN and two in the AN. Thirteen papers on the seminar main theme, '**Make in India**' and allied themes were presented in the Technical sessions. These papers presented and the nine abstracts were included and printed in the proceedings of the 27<sup>th</sup> Annual Convention and Seminar of the ISTE. As an ancillary event, an 'expo' of the projects of the students of the different Departments of the College was also held in the College premises.

Anything that makes you weak physically,  
intellectually and spiritually, reject as poison.

**Swami Vivekananda**



Various Resources persons on Diaz



AGM in progress

The Annual General body meeting was held before lunch break. The AGM began with report by Mr Kuriakose, secretary ISTE kerlala section and Accounts details were shared by Treasurer Mr T.O Thomas. Finally session was concluded with quick feedbacks and loads of appreciation for the organizers by Ms Nidhi MB, ISTE NC.

### ISTE New Chapter

ISTE chapter of Rajadhani Institute of Engineering and Technology (chapter No-KE-083) is inaugurated on 14<sup>th</sup> November 2016 by Smt.Nidhi.M.B. (Assistant Professor Mar Baselios College of Engineering and Technology and National Executive council member ISTE). The inaugural function was presided by Dr.R.Sathikumar (Principal, RIET) and concluded with vote of thanks by Mr.Vinod.M.S (Assistant Professor in Mechanical and secretary RIET chapter). The inaugural function covered two technical sessions, one by Smt.Nidhi.M.B on Active learning and the second one by Prof.P.B.Sugathakumar (Former Director ANERT and former Professor College of Engineering, Trivandrum) on modern trends in engineering.

Health is the greatest gift, contentment the greatest wealth, faithfulness the best relationship. **Buddha**



L-R- Prof Annamalai Pillai(Mechanical Dept.), Dr.R.Sathikumar (Principal, RIET Dr Balan Dean RIET, Ms Nidhi MB, NC ISTE & Prof MBCET, lighting lamp, Prof Janardhana Iyer (Dean PG) Prof Sivakumar, HoD Mechanical Engg Dept, Mr Vinod, ISTE RIET Chapter Secretary

### Mohandas College of Engineering, Anad ISTE CHAPTER ACTIVITIES

The ISTE-MCET Chapter conducted Six day Faculty Induction Program from 20-25 June 2016. The FDP was inaugurated on 20/06/2016 by Dr B Anil, Director Vidya Academy of Sciences & SMC ISTE. He also delivered the Keynote Address. Dr.Sheela S, Principal MCET welcomed the gathering. Dr Ashalatha Thamuran highlighted the need for induction training for Engineering faculty. The inaugural session ended with vote of thanks by Dr Shalini Nair, SMC ISTE. 26 teachers from Mohandas College of Engineering and Technology participated in it. The resource persons included 3 in- house faculty and 5 invited speakers.



Dr B Anil, Academic Director VAST and SMC ISTE lighting lamp



Participants and Resource Persons

The first wealth is health. **Ralph Waldo Emerson**



The induction training program started with special address by Prof. Nidhi MB, NC ISTE, on Role of Professional bodies in Technical Education. The program stressed on effective teaching methods, learner's outlook, motivation, yoga workshop, effective communication and leadership. The session concluded with micro teaching and analysis under the leadership of Dr K P Pillai.

### JDT Polytech Chapter , Calicut

JDT Islam Polytechnic College, in association with staff development cell, organised a one day institutional level faculty development programme on 'stress management ' on 1<sup>st</sup> Dec 2016 to improve management qualities of the faculty members. The programme was inaugurated by Dr.P.C. Anver, President, JDT Islam Orphanage Committee. More than 50 participants.



Participants of FDP

### Saintgits College of Engineering and Technology, Kottayam

A Technical Talk on "Artificial Networks and its Applications" by Dr M Wilsy for PG students and faculty held on September 1, 2016.



Discussion in Progress with Faculty and Students

The Programme was Coordinator Er Selvam E, Assistant Professor CSE of Saingits.

### Caramel Engineering College, Pathanamthitta

Two- day short term training program on Open source software tools used for research during 27-28<sup>th</sup> July 2016 was organised by CEC –ISTE chapter. Prof. Nidhi MB, NC ISTE and AMPE Dept of ME, MBCET inaugurated and delivered keynote address. The Welcome speech was by Associate professor Sreekumar R, Program coordinator. Dr Viji Jacob Mathew , Vice Principal presided over the function. After the presidential address the Manager Rev.Fr.C B Williams delivered Blessings message. Er. Chitharanjan, K G IE(I) , Executive committee member and Prof. Asha rani MA, dean academics delivered felicitations. Prof. Sajun A , Associate professor, ECE Dept. The program Coordinator delivered Vote of Thanks. The inaugural session concluded with National Anthem.



Prof. Nidhi M B , National Executive Council member of ISTE, New Delhi, APME. MBCET, lighting the lamp

The first Session was on Research Communication by Prof. Nidhi M B . She highlighted on the Importance of Research Communication and its various aspects. The next session on LaTeX was by Dr. Vishnu Namboothiri, Asst. professor, Govt. Polytechnic College, Vennikkulam. Followed was the hands on session including, getting and installing LaTeX on Windows, using a GUI for preparing the documents, standard layout of a LaTeX document, and preparing a standard article , Various formatting tools in LaTeX like manipulation of fonts, adding tables, lists, inserting figures, and using text boxes. The second day sessions was handled by Mr. Jasimmudeen S, St.Stephens College Uzhavoor, Kottayam on Academic plagiarism, Forms of plagiarism, Detecting plagiarism in articles/write ups, Plagiarism detection softwares-overview, Article generators-scigen Etc. The Second Session was about reference management software using MENDEL.

### From the Editor's Desk

This **First issue** of the newsletter of the year 2017, covers news mainly on ISTE Faculty Convention & chapter activities from various institution across the state.

**WISHING YOU ALL WONDERFUL 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).

## Trinity College of Engineering

ISTE faculty chapter of Trinity College of Engineering organised a talk on 20/10/2016 by Mr. Joseph V K, Chief Engineer, Commercial and Tariff, KSEB, on the topic "Current Challenges and Trends in Electrical Engineering". He had an interactive session with the students.



Mr. Joseph V K, Chief Engineer, Commercial and Tariff, KSEB

## NSS Palakkad

ISTE NSS Palakkad chapter has organised many activities.

- Examinations & Academic auditing in the new technological university, on 23.08.2016, by Dr Sree Mahadevan Pillai, Prof NSS Palakkad. There were 22 participants.
- Faculty Development Programme in association with EEE Dept was conducted during 4<sup>th</sup> Jan-10<sup>th</sup> Jan 2016. Project based Learning was handled by Dr.C K Subramania Prasad. There were 50 participants.
- Faculty Development programme in association with EED on Recent trends in Sustainable Energy, during 18<sup>th</sup> -24<sup>th</sup> Jan 2016. The main resource person was Er. Madanamohan Rtd Chief electrical Engineer and 40 participants attended.

## ISTE Student Chapter Activities

### Mar Baselios College of Engineering and Technology (MBCET)

ISTE MBCET in association with CESA MBCET jointly conducted an English Debate Competition in the months of August and September of 2016. The first round of which was a Group Discussion session held on 26-AUG-2016 at SHANNON HALL, under the supervision of Dr. Shoba George. The GD short listed a set of 4 finalist teams. The finals was held on 05-Sept-2016. The winners are Abhijith and Mobish of S3 ME and the runners up were Ramshankar and Sheetal of S3 EC.

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Kindly forward the news items and photos to the editor

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ISTE chapter of MBCET in association with IET chapter conducted project exhibition of first year students on 19<sup>th</sup> Nov 2016.



As part of ISTE technical events of 2016, ISTE collegiate chapter organized a problem solving competition under the name 'EDDIFY', in mechanical seminar hall from 12:30 PM to 2:00 pm on 4/11/2016(Friday). With '194' participants from entire college, EDDIFY proved to be another milestone for ISTE 2016-17.



### ISTE KERALA SECTION Award winners

#### Faculty Chapter Awards

**Best Student Chapter:** Vidya Academy of Science And Tecnology Thalakkottukara, Thrissur

**Maximum Number of Programs:** NSS Palakad

**Best Emerging Student Chapter:** Thejus Engineering college Vellarakkad, Thrissur

**Maximum Variety of Programs:** Amal Jyothi Engineering college, Kottayam

**Maximum Number of New Members:** Saintgits college of Engineering, Kottayam

#### Student Chapter Awards

**Best Student Chapter:** Government Engineering College Thrissur

**Maximum Number of Programs:** Mar Baselios College of Engineering & Technology, Nalanchira, Tvpm

**Best Emerging Student Chapter:** Jyothi Engineering College Cheruthuruthy

**Maximum Variety of Programmes:** NSS College of Engineering Palakkad

**Maximum Number of New Members:** Viswajyothi College Engineering and Technology, Vazhakulam

**Special Appreciation Award:** For conduct of **Student**

**Conventions :** Government Engineering College, Thrissur

**Faculty Conventions :** Mohandas College of Engineering & Technology , Anad, Tvpm