



NOISTEKS

Newsletter of ISTE Kerala Section

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Chairman's message



Dear fellow ISTE members,

Let me congratulate the members for their support and involvement in making this year's faculty and students annual conventions a grand success.

World is becoming more crowded, more consuming, more polluting, more connected, and in many ways less diverse than at any time in history. The society we live in today presents engineers' with many complex challenges to resolve, falling broadly under the four themes – Sustainability, Health, Security & Joy of Living. Engineering education offered should play an important role in moulding engineers to meet the societal challenges in areas from energy to environment to human health and in driving the economic development of the nation. The complexity and interdisciplinary nature of these problems demand the need for educating broadly trained engineers, who understand not only how things work, but also how the world works. Such engineers will have broad knowledge of various disciplines who can be flexible, adaptable, knowledgeable with needed skills and tools and transformed mindsets to play a key leadership role in the Society. Considering the imperative need for multi skill development, tailor-made, need-based programmes should be designed which can be like language and communication skills, life and positive thinking skills, personality development skills, management skills, behavioural skills, including job and employability skills etc. ISTE members/chapter are requested to involve actively to evolve strategic initiatives for effective multiskilling of graduate/diploma engineers to make the technical educations programmes offered in the state the best in quality and content meeting the expectations of the industry/society.

Best wishes

K. Vijayakumar

The aim of education is the knowledge, not of facts, but of values. William S. Burroughs

ISTE Annual State Convention

28th Annual State Convention of ISTE Kerala Section and National Seminar were held at Govt. Engineering College, Thrissur on 9 December 2017. Prof. Pratapsinh Kakaso Desai, President, ISTE inaugurated the event. Dr. K. Vijayakumar, Chairman, ISTE Kerala Section presided over the inaugural function. Dr. K. P. Indiradevi, Director of Technical Education, Govt. of Kerala was the guest of honour who released the Convention Souvenir. Sri. M. M. Kuriakose, Secretary, ISTE Kerala Section announced the awards to various staff & student chapters of ISTE Kerala. Awards were presented by the honourable guests. Dr. C. P. Sunil Kumar (National Executive Council member of ISTE & Organising Secretary of the State Convention) made the introductory speech. Dr. B. Jayanand (Principal), Prof. K. Vidyasagar (Jt. DTE), Dr. M. Nandakumar (Convenor, Diamond jubilee celebrations of GECT), Dr. P. R. Shalij (Member, SMC) and Sri. Lakshad K. Suresh (Convenor, ISTE GECT Students Chapter) delivered speeches.



Inaugural Function and Release of Souvenir

The theme of the National Seminar that followed was "Society, Education & Environment". Dr. Anandakuttan B. Unnithan, Professor, IIM (Indian Institute of Management), Kozhikode gave keynote address. Dr. K. G. Viswanadhan, Dr. C.K. Raju, Dr. T. V. Babu Rajendran, A. S. Chandrakanta, P. K. Russel, M. Sini, A. M. Mazeeda, M. J. Biju, Joby George, Ar. Fathima Rishin and A. V. Linimol Ansalam presented papers. Dr. P. P. Nair and Dr. C.E. Krishnan chaired the sessions. Prof. A.K. Mubarak and S.R. Pavithran were the Session Managers.

**29th Annual State Faculty Convention
and 16th Annual Student convention
Expression of Interest Invited**



AGM in Progress

Annual General Body Meeting (AGM) of ISTE Kerala Section was held after the technical sessions. Presentation of the report of activities of ISTE Kerala Section was done by the Secretary M. M. Kuriakose and presentation of accounts was done by the Treasurer T. O. Thomas.

15th Annual ISTE STUDENT Convention

Sangrah'18, the 16th Annual ISTE State Student Convention of the ISTE Kerala Section was successfully hosted by Government College of Engineering, Kannur from Feb 16 to 18, 2018. A technical symposium along with Open House and LPSC Pearl Jubilee Celebrations from ISRO, the 3 day convention saw intense participation of students and public from all over Kerala.



Inaugural session in Progress

The inaugural function took place at 10:30 am on 16th February and was presided over by Prof. Pratapsinh K Desai, National President of The Indian Society for Technical Education; with special addresses from Dr. Vidyasagar, Joint Director of DTE and Mr. J. C. Pisharady, Chairman of LPSC Pearl Jubilee Committee, Sri. P V Velayudhan, Director, MSME. The souvenir commemorating this momentous occasion was released by Dr. V I Beena, Sr. Joint Director, DTE. Dr. P.T. Rajan Nambiar, National Executive Council member of ISTE, and Mr. M.M. Kuriakose, Secretary of ISTE Kerala Section gave felicitations.

Centred around the theme 'Leveraging Science and Technology to Promote Socio-Economic, Environmental and Entrepreneurial Development', the convention was a perfect mélange of competitions, workshops and seminars, with a keen focus on bringing

out the scientific, technical and entrepreneurial temperament of the students. The workshops and seminars focused on areas such as green technology, business entrepreneurship skill development, socially and industrially benefited product development, corporate skill development, and open source software, to name a few.

Sangrah'18 saw an astounding participation of over 1400 students from over 47 colleges across Kerala. A total of 24 competitive events were held, classified under general, robotics and department-wise categories.

The highlight events were *Meet the Press* and *The League of Leaders*, both of which were designed to bring out the interpersonal, intellectual and communicative skills of the contestants. Genesis was another innovative event that tasked participants with launching an innovative new product. Paper presentation events were conducted under six different branches, while the Project Presentation contest invited projects under the same theme as the convention. Debate and Quiz competitions were two other events that saw overwhelming participation. Mud Race, Robo-Soccer and Amphibian Race were the robotics contests, which crowned the most efficient bots in their league as the winners.

The winners were awarded their certificate and prize money at the end of each day. The Open House and the LPSC Pearl Jubilee project expo were visited by Shri. James Mathew, MLA of Taliparamba Constituency on 18th February.



Valedictory Ceremony

The Valedictory Ceremony of *Sangrah'18* took place at 4:00pm on 18th February 2018 and was presided by Smt. Syamala, Chairperson of Anthoor Municipality. The gathering was welcomed by Prof. Asokan OV, Organizing Secretary of *Sangrah'18*. The presidential address was delivered by Dr. C. Sreekumar, Principal of GCE Kannur and a special address was delivered by Dr. T.D. John, General Convener of *Sangrah'18*. The three days of infotainment came to a perfect conclusion, with the announcement of the team championship wherein GCE Kannur emerged as the Overall champions and GCE Thrissur came in as Runners Up.

Education is not preparation for life; education is life itself.
John Dewey

Life would be tragic if it weren't funny.
Stephen Hawking

ISTE CHAPTER ACTIVITIES

College of Engineering pathanapuram student chapter

An awareness talk on oral cancer was organised on 19th January 2018. Dr. Nisha Sam BDS, MDS in oral and maxillofacial Pathology addressed the students and people who are residing in Kuriottumala Colony. Talk reflected the 'ill effects' of the tobacco, areca nut and alcohol, causes, manifestations and prevention aspects of oral cancer.



Dr.Nishasam Chief Guest delivering the lecture on Oral cancer



Participants for the program

A Workshop on LATEX also conducted for the students of 6th Semester Civil Engineering Department on 19th January 2018 by Prof.Vaisakh.G, Assistant professor, Dept of Civil Engineering. The programme was to make the students aware of LATEX which is a high quality typesetting document preparation system.



Prof.Vaisakh G delivering the lecture on LATEX .

Intelligence is the ability to adapt to change.

Stephen Hawking

Mar Baselios College of Engineering and Technology (MBCET)

ISTE MBCET student chapter in association with electronics and department communication conducted a group discussion event on February 2nd, 2018 in Shannon hall of EC department. 20 students of various branches participated and each were given chance to express their views on 'co-ed schools' Students participated with great enthusiasm. 8 students got selected for the finals which will be conducted on Feb 24th, 2018.



ISTE MBCET student chapter conducted the second phase of 'ENCARTA' on February 2nd of 2018, in a seminar hall of mechanical department. Out of more than 100 students who appeared in the first phase, 13 teams got selected for the second phase. Finals will be conducted later in the year.

Trinity College of Engineering

ISTE faculty Chapter of Trinity College of Engineering organised a technical talk by Dr. P.S. Chandra Mohanan Nair, Former Director, ANERT. He delivered a talk on importance of energy conservation and management. The interactive session was very useful and informative for students as well as faculty.



ISTE faculty Chapter of Trinity College of Engineering organised a preliminary level in skill connect competition conducted by Networkz System, Ayurveda College. S3, S5 and S7 students of EEE Department have participated in this competition.



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

Quiet people have the loudest minds.

Stephen Hawking

ISTE Student Chapter organized a one day workshop on 'Lateral Thinking' for the final year students at Trinity College of Engineering. Selected students from all the branches participated for the workshop. Shri. T.K. Rajiv the Director of Suprajiv Technical and Management Studies led the workshop. Students engaged in various activities aimed towards communication and team building. The workshop culminated in a stage fear removal dance routine and certificates were collected by the participants dancing their way to the stage.

ISTE Student Chapter of Trinity College of Engineering, organized an Industrial Visit for fourth semester B.Tech Electrical students to 340 MW Sabarigiri Hydro Electric Station at Moozhiar near Pathanamthitta on 27/01/2018. It is the second largest hydro electric project in Kerala. The main purpose for this visit was to get familiarized with industrial environment and to get practical knowledge of electrical power generation. After that students along with faculty enjoyed 'kotta vanchi ride' (bowl boat / coracle boat) which is near to the power station.



ISTE AWARDS

Award winners of Faculty chapters

- VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY - the BEST Faculty chapter.
- JDT Islam Polytechnic College Kozhikode - the Best polytechnic college faculty chapter.
- TRINITY COLLEGE OF ENGINEERING Thiruvananthapuram - chapter having maximum number of variety of programmes.
- MAR BASELIUS COLLEGE OF ENGINEERING & TECHNOLOGY- chapter having maximum number of programmes
- SAINTGITS COLLEGE OF ENGINEERING, Kottayam, - chapter having maximum number of new members.

Award winners of student chapters

- GOVERNMENT ENGINEERING COLLEGE THRISSUR, - the best student chapter.

Where there's hope, there's life. It fills us with fresh courage and makes us strong again. Anne Frank

- JYOTHI ENGINEERING COLLEGE Cheruthuruthy - the best emerging Student chapter
- NATIONAL INSTITUTE OF TECHNOLOGY, Calicut,- the chapter having maximum number of variety programmes
- MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY, Anad Student chapter - as chapter having maximum number of new members.
- Special appreciation award to M DIT faculty chapter for successfully hosted 27th Annual State convention of ISTE.
- Special appreciation award to NATIONAL INSTITUTE OF TECHNOLOGY KOZHIKODE Student chapter for successfully hosted 15th Annual State ISTE Students convention of Student chapter.
- Special appreciation award to Prof. BIJU.M.J Head of Department Computer Engineering for won the ISTE Best teacher award.

47th ISTE National Annual Convention - Saintgits College of Engineering, Kottayam, Kerala during 27-29 Jan 2018



From the Editor's Desk

This **First issue** of the newsletter of the year 2018, covers news mainly on ISTE Conventions & chapter activities from various institution across the state.

Wishing all Happy Vishu !

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 or nidhi.iste@gmail.com.

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Kindly forward the news items and photos to the editor

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