



NOISTEKS

Newsletter of ISTE Kerala Section

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Chairman's message



Greetings from ISTE Kerala Section !

It gives me immense pleasure and added responsibility in assuming the role section chairman for the term 2015-17. First of all let me thank the outgoing chairman Dr. B. Anil and SMC members for their outstanding performance and commitment in making Kerala Section a vibrant and dynamic one. I hope that I will be able to do justice to the job with all your support and co-operation. Since ISTE is a common platform to discuss and evolve progressive ideas to make the technical education programmes offered in the country especially in the state the best in quality and content. it is our responsibility to raise concerns about the deterioration in the education sector and also to offer methods/solutions to improve the quality of technical education.

I know that the Institutions are busy with examinations during the months of April and May, and so it happens to be lean months as far as ISTE activities are concerned. However I am requesting all the chapters take earnest efforts to celebrate the ISTE day on May 21 in a befitting manner.

A major task at our hand is to update the membership directory. The chapter chairmen and secretaries are requested to prepare plans to collect the present mailing address of all its members and communicate it to the section. This will help us in reaching out to the members who have retired from service.

I am using this opportunity to remind each of you to contribute liberally to the building fund. Let us work together to make the ISTE staff training college a reality.

Best wishes

K. Vijayakumar

14th Annual Student Convention
Govt. College of Engineering, Thrissur

Passing the Torch at Kerala Section

ISTE Kerala section has been blessed with veterans of great leadership and foresight that it is the only section which has own building. The first phase of construction (ground floor of Front Block) was successfully completed during 2013.



Dr. B. Anil congratulating Dr. K. Vijayakumar at Section office@Thrissur

National Executive Council Meeting

The National executive council meeting of ISTE was organised at Goa on 28th March 2015, followed by dinner cruise, courtesy hon'ble CM Goa and Principal Secretary Sri D P Dwivedi through DTE GOA Dr Vivek B Kamat, nominated member from ISTE Goa. The election for Vice-presidents was among the main agenda and the council passed meeting minutes during 44th National convention. The NC meeting witnessed for the first time a Lady Representative as Treasurer Dr. Indumathy, HoD CS., Belgaum. Another major outcome was the formation of women cell under each ISTE chapter. The NC members include Ms Nidhi, Prof Sunil Kumar, Prof Rajan Nambiar and Sri Subair.P from Kerala.



"Only a generation of readers will spawn a generation of writers." — Steven Spielberg

Exclusive Interview with VC KTU

The new dawn of Technical Education in Kerala is expected to raise at par with world class universities through the Kerala Technological University (KTU)! In an exclusive interview, Dr. Kuncheria P. Isaac, Vice Chancellor, KTU speaks to ISTE newsletter editor. He feels today's Techies, though having great potential, have to come out of comfort zones of Kerala and pioneer to prove the spirit of passion with ambition in their duties, research, career or do things differently etc to name a few.



"Success means to make everyone think TIME is the essence of achieving and conquering heights! "

Editor: Sir, i am trying to figure out the formative decisions which inspired you to adorn the throne of Vice Chancellor of KTU? Kindly impart your motivation to the young generation by your words of wisdom.

VC: "If I can be of some use or instrumental in improving the teaching learning process in engineering colleges to improve the quality of graduates at par with any accredited university in the world who are signatories of Washington accord". "Change the mind-set for better heights in whatever one can in technical education"

Editor: Kindly share your vision & mission on research promotion under KTU

VC: "Every faculty to be researcher and consultant."

Editor: What would you like to consider as the main challenges to be faced by KTU?

VC: "No rigour in our education system. Everybody (students and faculty) consider education as a secondary activity."

Editor: How would you plan to prepare for the Change management?

VC: "Empowering the stake holders especially teachers and management".

Editor: What opportunities are there for the KTU to operate on the global stage?

VC: "Internationalisation - Attract faculty and students from other countries. Collaborate with leading universities."

Editor: What according to you would be the strength of KTU?

VC: "A NEW University where I do hope I have a decisive role. *Strength:* a clean slate to start with and weakness Zero money!"

Editor: Sir, kindly share a message for the technical community?

VC: "Adapt Change. It is time to revise the syllabus which has been formulated in 1939".

Editor: In your opinion, in what way ISTE and other professional bodies can play a role in strengthening activities of KTU?

VC: "Collaboration! Preparing for change!"

ISTE Chapter Activities

P.

Amaljyothi College of Engineering (AJCE)

ISTE-AJCE chapter and the Department of Basic Sciences jointly organized a week long "Science Fest 2015" from 23-27 February 2015 in connection with the National Science day. Various competitions were organized for the students including Science Quiz, Collage, Essay writing, Project contest and Nobel laureate lectures.



From left: Rev. Dr. Jose Kannampuzha, (Principal, AmalJyothi College of Engineering), Prof. Joy Cyriac, Prof. Soney C George, Prof. Ho Sung Kim and Prof. Mathew J Joseph

Dr. Jacob Philip gave the lectures. The closing ceremony was conducted on 27 February 2015. Rev. Dr. Jose Kannampuzha presided over the function. Dr. Ho- Sung Kim (Professor, University of Newcastle, Australia) was the chief guest. Dr. Ho gave a talk on "Fatigue damage" and distributed the prizes to the winning students of the Science Fest 2015.



Rev. Dr. Jose Kannampuzha (Principal, Amal Jyothi College of Engineering) and Prof. Richu Thomas

ISTE Kerala Section Wishes Dr. Kuncheria P. Isaac all success in the new assignment.

The ISTE-AJCE chapter (KE 33) conducted a contest for the best project proposal from the final year students. From all the project proposals received, two teams from each department were selected for the first and second prizes respectively. A prize distribution ceremony was organised on 29th January 2015. Prizes consisting of certificates & cash awards were given away to the student teams and the faculty coordinators from the departments. Rev. Dr. Jose Kannampuzha presided over the function which was organized by Prof. Richu Thomas, Prof. Ashwin Chandy Alex in association with ISTE-AJCE chapter.

Mar Baselios College of Engineering and Technology (MBCET)

ISTE chapter of MBCET under the leadership of Mr Varghese S8 ME and Mr Amareesh S4 EE conducted the event technological leadership on 17th Jan 2015. It was aimed at Idea pooling engineering changes for the campus. There were around 20 teams for the competition. 15 innovative ideas were short listed for next level presentation. The event was co-ordinated with the help and support of Ms Nidhi MB, NC member ISTE and AHoD ME dept.

The ISTE chapter of MBCET held the Annual General Body Meeting on 20th February 2015 in the Senatus Hall from 12:30 to 1:30 p.m. The new office bearers were elected and office bearers of previous year were given certificates for their credential leadership to the ISTE MBCET Chapter. Mrs Jayasree M J, HOD, ECE department of MBCET, and ex-officio ISTE MBCET chapter distributed the certificates. The meeting was presided over by a number of ISTE student members, as well as faculty members which included Ms Nidhi MB, NC member ISTE and Chairman ISTE MBCET and Student Advisor Ms Elizebeth B Varghese and faculty chapter secretary Ms Asha. The student Chairman is Mr Ananthu (S4 MEI), Vice Chairman is Ms. Anneeta Anu J (S4 CEI), General Secretary is Amareesh (S4 EE) and Treasurer is Mr John W (S4 ECII).



ISTE MBCET Student office bearers' team

"Intelligence plus character-that is the goal of true education."
— Martin Luther King Jr.

ISTE MBCET chapter organized a Short GK quiz contest on 13/03/2015 for 45 minutes by the new office bearers. There were 8 teams from civil, mechanical and electrical dept. A total of 25 questions were to be answered in 30 minutes. Ann Mary Toms (S4 EEE) & Amal R S (S4 EEE) emerged as winners.



ISTE MBCET student's chapter organized a session in Energy audit on 11/03/2015 in Faraday Hall at 11 am to 12 noon. Dr Harikumar head of training division was the resource person. The students of Mechanical and Electrical engineering attended the session. There were 110 participants. The session was coordinated by Ms Jomol Joseph (APEE) and Ms Nidhi MB (APME).



ISTE MBCET student chapter in association with Mechanical Engineering Students Association (MESA) organized a talk by Mr Asok Kumar, General manager, Gulf ASIA, on 16th March 2015. He spoke on industry opportunities and motivated the young engineers. 104 students from sixth semester students attended the session. The session was co-ordinated by Ms Nidhi MB along with Mr Deepak B, Mr sreejithNK, Mr Raveesh and Mr Roshan of Mechanical department.

"Educating the mind without educating the heart is no education at all."
— Aristotle

SSM polytechnic college Tirur

ISTE SSM polytechnic college Tirur, chapter organised a one day seminar on "How to prosper as an engineer" by eminent Technical consultant Sri.C.E.Gopala krishnan, Hyderabad for final year mechanical engineering students . Major. K. Ameerali (Principal & Chairman, ISTE chapter) inaugurated the seminar. Sri.T.K.`Basheer (HOS, MECH) Presided the function and Sri . Subair. P, (National council member, ISTE) delivered the key note address. 72 students from regular and evening batches attended the seminar.



From left: Sri. T. K Basheer(HOD,ME), Sri.C.E.Gopalakrishnan, Major.K. Ameerali, Principal, & Subair.P, NC member ISTE



Responses

Dear Madam,
Thank you for including our college activities in the December edition of ISTEnewsletter.

SwaroopGeorge, Gen. Secretary, ISTE Students' Chapter

Dear Nidhi
"New Year Wishes" from UKF Family!!
Thank you for the newsletter and including our program details in it. Looking forward to doing more projects with ISTE in 2015.
Thank you,

Regards, AmrithaPrasob, Gen Scretary UKF

"Live as if you were to die tomorrow. Learn as if you were to live forever."

— Mahatma Gandhi

Trinity Engineering College,

The Indian Society for Technical Education (ISTE) Faculty Chapter was inaugurated in Trinity College of Engineering, Thiruvananthapuram, on 7th January 2015. Dr. Mary Mettilada Rose V., Principal in-charge of the college welcomed and introduced the guests to the gathering. Dr. Arun Surendran, Strategic Director of the college, delivered the presidential address and urged the faculty to enrich themselves. He also explained the role of ISTE in technical education and in the field of research. The chief guest, Dr. B Anil, Chairman, ISTE`Kerala Section and the principal of Government Engineering College Barton Hill in his inaugural address expressed his appreciation for the various changes happening in the college.



He also explained various ISTE activities and motivated the faculty to participate the same. Mrs.Nidhi M.B, ISTE National Executive council member and Assistant HOD of Mechanical Department of Mar Baselios College of Engineering and Technology delivered the keynote address. She shared her experience with ISTE and urged the faculty to actively participate in various activities of ISTE. During her speech she highlighted the importance of ISTE chapter in enhancing the faculty's growth both academically and professionally to achieve higher standards. She also emphasized the role of ISTE chapter for faculty members in upgrading their profiles and enlarging their knowledge in various research and academic activities. Finally, the Mrs. Linimol Ansalam Assistant Professor & ISTE Coordinator of the college proposed the vote of thanks.



Admit your errors before someone else exaggerates them. ~Andrew V. Mason

Vidya Academy of Science and Technology Technical Campus, Kilimannoor(VAK)

On 10th January 2015, as part of VEGA Fest, the ISTE Institutional Membership of Vidya college was formally inaugurated by Dr. B. Anil (Principal, Govt Engineering College Barton Hill). On the occasion the welcome speech was given by the Principal Dr. Sobha Manakkal. Administration director, Mr. D. Ramarajan presided over the function. Ms. Nidhi M. B. National Council Member ISTE, New Delhi, AHOD, Department of Mechanical Engineering MBCET gave the felicitation. Ms. Anjana N, issued the vote of thanks. The function came to a close by 3 PM. This membership offers the college a fine opportunity to initiate several academic activities.



Dr B Anil Chairman ISTE Kerala section delivering Inaugural address and Dignitaries on the dias at the inaugural function

26th Annual State Convention Mohandas College of Engineering Trivandrum November 2015

From the Editor's Desk

This **First issue** of the newsletter of the year 2015, covers news mainly ISTE chapter activities from various institution across the state. **This issue covers an exclusive interview with Vice chancellor KTU and I take this opportunity to thank him for his precious time on the ISTE Kerala section.**

We look forward for the active reporting from the chapters on the various activities.

On behalf of ISTE Kerala section, I request you to share the email ids of members of your chapter to widen the reach of ISTE newsletters and update the Kerala section database.

We hope to include **more responses** and announcements in next newsletters as we faced space constraint in the present issue of Newsletter.

Thank you for the bearing with us!

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.

New EC Members from Kerala



Prof. P. T. Rajan Nambiar, Presently working as principal, M Dasan Institute of Technology, Kozhikkode. He has served as NC during previous term (2011-2014) also.



Prof Sunil Kumar C P is presently HoD M E Dept.. GEC, Thrissur. He has served as SMC in ISTE Kerala Section during last two terms term. He was the ISTE Chapter chairman, GEC Thrissur and former secretary to ISTE kerala section.



Presently working as AHOd ME Dept. MBCET, Nalanchira. She served as SMC member and is the newsletter editor. She is also the ISTE MBCET chapter Chairman and was the organising secretary for 13th Annual state student convention of ISTE Kerala Section during 2014.



SUBAIR. P, Lecturer in ME, SSM Polytechnic College, Tirur. He was the Organising secretary for the 23rd annual convention of Kerala Section during 2013.

Suggested Activities

Apart from staff Training programmes, Invited Talks, Industrial Visits, Pedagogical Training, Microteaching sessions, Observance of various days such as Earth day, World Water day, Environmental day, National Technology day etc. **Chapters may initiate steps to celebrate ISTE foundation day on 21st May 2015.**

Tips for Effective Teaching

- Positive and creative Learning Climate
- Review lecture objective(s)
- Use a case study or problem-solving activity
- Make a provocative statement to encourage discussion
- Use a videotape or other media
- Engage the learners
- Relate the topic to a real-life experience
- Be a facilitator and know the interest of learner
- Lifelong learning

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Kindly forward the news items and photos to the editor

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