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Voice of Kerala Engineers

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CHAIRMAN SPEAKS

Prof. (Dr.) M. Jayaraju FIE



The 74th Republic Day of our Nation was celebrated on 26 January 2023 by unfurling the National Flag at IEI Kerala State Centre. India is now on the way to become a powerful nation more than at any time due to the progress made in all fields of nation building. The Covid 19 vaccination programme was very successful and we got over the situation comfortably in spite of many problems. Now, it is for us to be careful and be vigilant in protecting our health and most importantly the environment. Environment has a great role to play in preventing diseases. The destruction of the environment not only causes climate change but is also harmful to other living beings, destroying the balance in Nature. Therefore, we Engineers have a duty to play our part in preservation of Nature and life thereby preventing diseases. We have signed MoU with Government Polytechnic, Vattiyoorkavu, Thiruvananthapuram for combined technical activities. Formation of Student Chapters is a key activity in this venture. In this regard, discussions are going on for formation of more Student Chapters in other Institutions also. Yet another step taken in the educational field is the starting of Internship Programme for Engineering College students. By the third week of February, 2023, Internship Programme will commence in 2 Engineering Colleges, which will continue for other Engineering Colleges subsequently. Action is continuing in naming the road in front of IEI KSC, Visvesvaraya Bhavan as Sir M. Visvesvaraya Road. Expecting a favourable decision from the authorities.

HONORARY SECRETARY'S DESK

Er. Roy Mathew, MIE

Upcoming Events

08-02-2011 Er.C.S.Padmanabhalyer Memorial Lecture by Er. P. Balakrishnan Nair, Committee Member, IEI Kerala State Centre.

15.02.2023 Talk on How to Safeguard Your Money Answer : Financial Planning by Mr. Renjith Sasidharan, Certified Financial Planner, Regional Head, ITI Mutual Fund, Kerala

22.02.2023 Talk on Project viability by Er. N. Rajkumar, Past Chairman, IEI Kerala State Centre.

01.03.2023 Talk on 'Legal Aspects for Startup' by Adv. Bindu Sankarapillai, Founder Member and Chief Legal officer of 2nd innings.

08.03.2023 World Engineering Day Celebrations



Republic Day Celebrations

26-01-2023 Celebrated 74th Republic Day. Er. S. Radhakrishnan, Past Chairman of IEI Kerala State Centre hoisted National Flag at IEI Kerala State Centre, Visvesvaraya Bhavan, Thiruvananthapuram in the presence of Committee Members, Members and Staff.



A Century of Service to be Nation

Kollam Local Centre

“THE CODE” was a beginner-level python programming workshop series conducted by The Institution of Engineers (India), Kollam Local Centre in association with IEI EEE Student chapter TKM College of Engineering, Kollam exclusively for first years. The event started on 30th November 2022 and was held for 3 days offline after the regular class timings and an online session on 3rd December 2022 in online.

For the offline session lab facilities were utilized thus eliminating the need for laptops. Python is one of the most widely used programming languages across the globe, gaining the basics of the language laid the basic foundation for students in python and into the world of programming. Certificates worth KTU activity points were provided after the successful completion of the workshop. The event was successfully completed with the students' active and enthusiastic participation. Lecture by: Dr Sheeba R (Professor, Dept. of EEE, TKM College of Engineering, Kollam) Topic python programming workshop series

04.11.2022: Membership Campaign

A membership campaign was arranged as decided by the executive committee, The first visit was placed to the Yunus College of Engineering, Kollam.

The next visit was arranged to the College of



Engineering, Perumon, Kollam. Our group reached the college at 12.00 am. Dr Bindhu (Principal, College of Engineering, Perumon) and staff from various departments welcomed us and guided us to the conference hall of the college. The final visit was to the College of Engineering, Kottarakkara, Kollam. The group reached the college at 3.00 pm.

They were given a detailed description of IEI, IEI membership, benefits, facilities of being provided by IEI for members etc. Also mentioned various corporate membership, Institutional membership, student membership, student chapter activities, benefits of students on being the member of student chapter etc. Then there was a doubt-clearing session

by other corporate members with the management. Requested the college for their full cooperation in taking membership and to proceed with necessary steps to start student chapter in the college. The visit to the college concluded with a photo session.

14-11-2022 Industrial Visit To Travancore Titanium Products Ltd., Thiruvananthapuram

An industrial visit organized by The Institution of Engineers (India) Kollam Local Centre, for the student members of student chapters under IEI Kollam Local Centre for Mechanical Engineering,



Chemical Engineering and Electrical and Electronics Engineering student chapter in order to introduce the practical knowledge in industries, advanced technology used in the field, various industrial process and machinery used in each division etc. Students from various colleges under IEI Kollam Local Centre participated in this Industrial visit. Following are the colleges participating.

1. TKM College of Engineering, Kollam
2. TKM Institute of Technology, Kollam
3. Baselios Mathews II College of Engineering, Sasthamcotta
4. Musaliar College of Engineering and Technology, Pathanamthitta

Kozhikode Local Centre

A Technical Presentation was held on 18th January 2023, in connection with the Energy Conservation Day 2022 at IEI, Kozhikode Local Centre Office.

Er. Shaju K MIE, Hon. Secretary Kozhikode Local Centre welcomed the gathering and Er Sasi K V MIE, a Committee member introduced the speaker. Er Surendranathan K, FIE, Chairman IE (I), Kozhikode Local Centre presided over the function and gave a brief introduction about the importance of energy conservation.



Mr Sunil Kumar V K (Deputy Chief Engineer (EL) (Rtd) KSEBL made a detailed presentation on the topic “Global warming mitigation through Energy conservation measures”. He spoke about global warming mitigation and adaptation, Climate change mitigation, multiple benefits of energy efficiency, increasing concentration of greenhouse gases, etc.

Palghat Local Centre

24-02-2023 One-Day National Seminar on Electric and Hybrid Vehicles-Current Trends & Future.

Palghat Local Centre of IEI proposes to conduct a One Day National Seminar on ‘Electric and Hybrid. Vehicles - Current Trends & Future’. Technical papers/ Sessions will be presented by eminent speakers and invited guests.

EVs: - Electric vehicles (EVs) are the next-generation mobility solution. These vehicles address the problems of increasing pollution, climate change and diminishing natural resources. Electric vehicles are the key technology to decarbonize road transport, a sector that accounts for 16% of global emissions. Recent years have seen exponential growth in the sale of electric vehicles, improved range, wider model availability, and increased performance. Passenger electric cars are surging in popularity. In 2013, India unveiled the ‘National Electric Mobility Mission Plan (NEMMP) 2020’; to make a major shift to electric vehicles and to address the issues of national energy security, vehicular pollution, and growth of domestic manufacturing capabilities. This one-day seminar is a curtain raiser to the present happenings in the EV sector and India’s plans for the future in adopting EVs as the next-generation passenger vehicles.

28-01-2023 Palghat Local Centre conducted a FORUM about India poised to push semiconductor manufacturing in a big way to become a global player

14-12-2022 Energy Conservation Day-The Palghat Local Centre observed Energy Conservation Day 2022 on 14th December 2022 at the Seminar Hall of the Local Centre at 6.00 p.m. Dr P. Rajan, Director(Rtd) KSEBL, DEAN (Entrep), LEAD College of Management, Palakkad was the guest speaker who delivered a speech with PPT presentation on the topic “Emerging Trends Towards Energy Security”. Dr C. Pradip, Honorary Secretary, formally introduced Dr P. Rajan. Er. K. Madhana Mohan, Chairman of the Local Centre presided over the function. He welcomed all the members and the guest speaker on the day of observing the ‘Energy Conservation Day

Trichur Local Centre

26-01-2023 Trichur Local Centre conducted a technical session about Hi-tech Agriculture

Kochi Local Centre

13-12-2023 The Technology Involved in I.N.S. Vikrant - An Aircraft Carrier Built by the Cochin Shipyard, Kerala

A Technical presentation on IAC 1 built by Cochin shipyard, Ernakulam, Kerala had been presented by Er. Anish S, Dy. General Manager, Strategic and Advanced solutions department of CSL. This was in connection with the felicitation of the CMD of CSL Er. Madus. S. Nair and his team jointly by IEI Kochi Local centre and Mariners Society of Kerala on 13th December 2022 under the Chairmanship of P. A. Salahudheen, Chairman IEI Kochi Local Centre.

14-12-2023 Conducted Green Hydrogen Statutory Day National Energy Conservation Day Jointly with Centre for Environmental Efficiency

21-12-2023 Conducted Pre Inaugural Technical Study Tour in Kochi Water Metro Kochi water metro authorities invited the Institution of Engineers (India) for a pre Inaugural Visit. As such IEI Kochi local centre organized a Technical study tour duly inviting students from the Student's chapter group and other Engineers attached to the Kochi Local Centre.

04.01.2023 Talk on 'Disaster Management – A Practical View' by Dr R. Murukesan, FIE, Chief Engineer(Retd), Kerala PWD.



25.01.2023 Talk on 'Engineers as Arbitrators' by Dr Sunil Vasudevan, Deputy Chief Engineer (Retd), PWD-Kerala.



11.01.2023 Talk on 'Business Skills for Engineers and Scientists' by Er. E. J. Francis, FIE, Former Group Director, CCQG, VSSC, ISRO.



01-02-2022 Talk on 'A Consciousness-Based Approach on Knowledge Economics' by Er. Vinod Divakaran.



18.01.2023 Talk on 'Management of Anxiety and Stress' by Shri. P. SekharanKutty, A.G.M (Retd), Indian Overseas Bank.



SUMMER VACATION CLASS FOR HIGH SCHOOL STUDENTS

The Institution of Engineers (India) Kerala State Centre is conducting Summer Vacation Class for High School Students in Science, Engineering and Life Skill. Training classes will commence on 17th April 2023. Venue: The Institution of Engineers (India) Hall, Visvesvaraya Bhavan, Opposite to Kanakakunnu palace, Thiruvanthapuram-695033. For details on the above courses, please contact: The Institution of Engineers (India), Kerala State Centre, Visvesvaraya Bhavan, Opposite Kanakakunnu Palace, Thiruvananthapuram-695033.

Tel: 0471-2322991/2322992/8078027563:

Dr. V. Ganesan, Honorary Director

CERCON, IEI KSC-Mob: 9447696486

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The Institution of Engineers (India)

Kerala State Centre
Visvesvaraya Bhavan
Opposite Kanakakunnu Palace
Thiruvananthapuram - 695 033

Phone: 0471-2322991, Fax: 0471 - 2322992
E-mail: ieitvm@gmail.com, keralasc@ieindia.org
Web: www. ieitvm.org

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Editorial Board : Er.Sarat Kumar K, MIE, Editor, Er.Balakrishnan Nair P, FIE, Er.K.R.Suresh Kumar, MIE, Er. R.K.Subramoniam, MIE, Prof. (Dr.) M. Jayaraju, FIE, Chairman-KSC, Er.Roy Mathew, MIE, Honorary Secretary-KSC

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