

CHAIRMAN SPEAKS

Er. P. Balakrishnan Nair, FIE.



As the new month of February dawns upon us, the most paramount of all being the chance to start over, to do things differently, and to improve on our shortcomings.

February comes from the Latin word “februa” which means “to cleanse.” It was named after Februalia, the Roman festival of purification, which was a month-long festival of purification and atonement that took place this time of year.

When we learn, we gain knowledge. When we read, we gain knowledge. When we listen to talks, we gain knowledge. When we talk, we transfer knowledge. Knowledge makes a person competent. Knowledge has no limits. The vast vista of knowledge is to be tapped. Many avenues of learning are still in the dark for many of us. Technology helps us to unleash the power of knowledge.

Relationship is the core of everything you do. Relationship has communication challenges and financial challenges. Relationship is about nurturing and based on trust.

My best wishes for everyone’s safe health and well-being.

Republic Day Celebrations



HONORARY SECRETARY'S DESK

Er. (Adv.) K. R. Suresh Kumar, MIE, FIITArb



Upcoming Events

08-02-2024 26th Er.C.S.Padmanabha Iyer Memorial Lecture on the topic ‘Cementless Concrete for Sustainable Infrastructure’ by Dr. N. Ganesan FIE, Professor (HAG) & Dean (Rtd.), Department of Civil Engineering, NIT, Calicut.

14-02-2024 Talk on “Challenges in Ranking Survey of Educational Institutions” by Dr. Anilkumar S.H., Dean (PG studies & Research), Sree Chitra Thirunal College of Engineering, Pappanamcode

21-02-2024 Regional Languages Promotion Day Celebrations. Lecture in Malayalam Language on the topic ‘മലയാളിതരങ്ങൾ പുതിയ സാങ്കേതിക ബോധം’ by Shri. K. Sudarshan (MA in English, Sociology & Philosophy, MBA-Human Resource Management, Journalism Diploma), Poet, Columnist, Orator, Former Special Secretary, Government of Kerala, Former Additional Chief Electoral Officer & Founder Chairman of Sukumar Azhikode Foundation.

28-02-2024 Talk by Research Scholar, College of Engineering-Trivandrum.

04-03-2024 World Engineering Day Celebrations at Marian Engineering College, Kazhakkootam, Thiruvananthapuram at 10:30 am. Lecture on the theme ‘Engineering Solutions for a Sustainable World’ by Dr. Samson Mathew, Director, National Transportation Planning and Research Centre (NATPAC), Thiruvananthapuram.

06-03-2024 will be announced later.

26-01-2024 The Institution of Engineers (India) Kerala State Centre celebrated 75th Republic Dayat Visvesvaraya Bhavan, Thiruvananthapuram. Er.P. Balakrishnan Nair, Chairman, IEI Kerala State Centre unfurled the National Flag in the presence of Honorary Secretary, IEI Kerala State Centre Committee Members, Members and staff.



In the 2nd Committee Meeting of The Institution of Engineers (India) Kerala State Centre held on 20th January 2024 honoured the following members were.

Er.K.K.Gopalakrishnan Nair, FIE for having elected as Chairman, ELDB of IEI National Council. Er.P.Balakrishnan Nair, honoured him with Ponnada.

Er.P.Balakrishnan Nair, FIE for having nominated as Member in MCDB of IEI National Council. Also nominated as a Member of Asset Management Committee (AMC) of The Institution of Engineers (India) for the session 2023-24.



Presenting memento to Dr. P.S. Chandramohan, Former Principala, Govt. Engineering College & Former Director, ANERT during Energy Conservation Day on 14.12.2023.

OBITUARY



Dr. P. Krishnamurthy Iyer
 Former Director, CERCON
 The Institution of Engineers (India)
 Kerala State Centre
 &
 Former HOD & Professor,
 Department of Electrical Engineering
 College of Engineering, Trivandrum
 Died on : 03-02-2024



Kollam Local Centre

13.01.2024: Webinar on "Trends in Architecture".

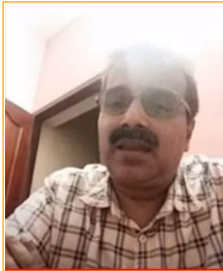
The program was organized on Google Meet online platform. Dr. Madhusoodanan Pillai.K (Chairman, IEI KLC) delivered inaugural address. Dr. Benny Kuriakose, Architectural Designer, Chennai was the keynote speaker and he delivered a talk on topic "Trends in Architecture". He pointed out the uses of timber as building materials nowadays.



Kochi Local Centre

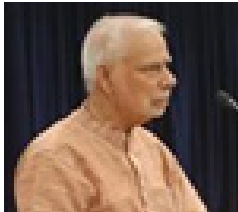
23.01.2024: Technical presentation on Total Productive Maintenance (TPM).

The online Technical Presentation organized by Kochi Local Centre, focused on the crucial topic of Total Productive Maintenance (TPM) by Dr. V. R. Pramod, Professor in the Department of Mechanical Engineering at NSS College of Engineering, Palakkad. He highlighted the objectives of maintenance, the many kinds of maintenance, the core ideas of Total Productive Maintenance (TPM) as well as the strategic planning and implementation of TPM techniques.



11.01.2024: Lecture on "Kerala Industries: Yesterday, Today, and Tomorrow".

The Lecture was delivered by Dr. P.V.S. Namboodiripad, Former Chairman and Managing Director of Hindustan Latex Ltd, as well as the Ex-CEO of Apollo Tyres. His lecture provided valuable insights into the current state of industries and proposed solutions to overcome the challenges they face.



Palghat Local Centre

25-01-2024: Technical Session on the topic "Bayesian Approach for Structural System Identification".

Dr. Nisha A S, Assistant Professor, Civil Engineering Dept., N.S.S. College of Engineering, Palakkad was the guest speaker. She explained that the primary goal of system identification is to analyze and understand the behavior of systems, predict their responses, and design control systems to manipulate their



behavior. "Bayesian" approach of system identification in structural engineering combine "Bayesian" statistics with the techniques of system identification to estimate the states and parameters of the structural model, based on a set of measurement data. This approach offers a probabilistic framework to update and infer the parameters of the model while honouring the uncertainties present in it.

26.01.2024: Republic Day Celebration

Palghat Local Centre celebrated the Republic Day. Er. A.V. Rajappan, Chairman unfurled the National Flag. The members then discussed the contribution that engineers can make to the progress of the country.



Trichur Local Centre

20.01.2024: Republic Day was celebrated at IEI Trichur Local Centre by unfurling the National Flag by Er. Thomas John V., FIE, Chairman. The theme was "Viksith Bharath" Loktantra ki Matruk". Prof. Dr. C. P. Sunil Kumar, FIE, Past Chairman stressed India's aspirations and its role as a nurturer of Indian democracy. Er. Kumar P. R., Hon. Secretary pointed out that the Day is celebrated especially based upon a fulfilled

promise of the country's progress in democracy and its rich cultural background. The corporate members present took pledge to adhere to the constitution and for the country's progress as responsible



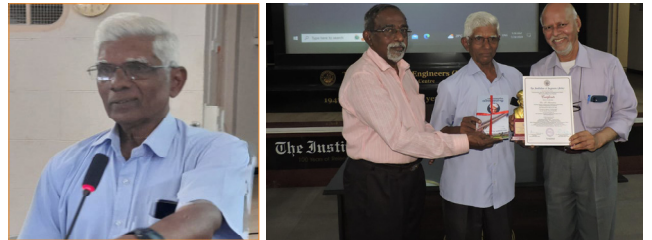
10-01-2024 Talk on ‘Secrets of Happy, Healthy, Long Life: Role of Breathing, Yoga, Mudras & Food for the Same’ by Prof. Dr. V. Rajendra Babu, Former Professor & Head (Civil), Dean (P.G. Studies), College of Engineering, Thiruvananthapuram.



17-01-2024 Talk on ‘Making of WESAT-Women Engineered Satellite’ by Dr. Lizy Abraham, WESAT Principal Investigator, Assistant Professor, LBS Institute of Technology for Women, Thiruvananthapuram.



24-01-2024 Talk on ‘Trends in Battery Technology’ by Dr. K. Surendran, Professor (Retd.), Department of Electrical Engineering, College of Engineering, Thiruvananthapuram.



31-01-2024 Talk on ‘Architecture and Urban Planning’ by Er. Abhilash S. S., Site Supervisor, PWD Kerala Road Fund Board.



Prof. Dr. C. P. Sunil Kumar, FIE
Editor



Dr. Sunil Vasudevan, FIE
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