



PRINCIPAL'S MESSAGE

Our College is hosting the first IEEE International Conference on E mobility, Power Control and Smart Systems (ICEMPS 2024) from 18 to 20 April 2024. ICEMPS 2024 has been arranged by dwelling on the previous experience of our EEE Department in conducting large scale events like IEEE PEDES 2016 and IEEE SPICES 2022 in the recent past. The conference has been organized because the concept of synchronous power system has given way to hybrid and highly nonlinear energy systems. Even though electricity continues to be the versatile form of energy, the technology and the related Engineering have become highly disparate and dynamic, necessitating research and development much more than what we have been already done. For example, the smart grid technology not only optimizes energy allocation but also revolutionizes how energy is managed and utilized. Integrating technologies like Artificial Intelligence, the Internet of Things (IoT), and data analytics within the smart grids enables real-time monitoring, predictive maintenance, and adaptive energy distribution. This paradigm shift not only ensures a resilient and eco-conscious network but also represents a significant leap toward a more interconnected, efficient, and environmentally friendly technological future. Our pursuit is to go in tandem with the research across the world. We wish the very best for the ICEMPS 2024.

Dr. Abraham T. Mathew

THIRA BAND WINNERS

'Thira' Band won first prize in Battle of Bands in YAGNA DHURVA, Fest conducted by LBS, Trivandrum. **Ajay Krishnan R. K. S8 ME, Rahul R. Nath S8 CS, Archit S. Thampi S8 EEE, Milan Paul S8 ME, Ganesh G. S. S8 CE.** constituted the winning Team



ICEMPS 2024 INAUGURATED



The 2024 International Conference on E-Mobility, Power Control and Smart Systems (ICEMPS2024), technically co-sponsored by IEEE Kerala Section and co-sponsored by APJAKTU and MBCET Alumni Association, was organised by the Department of EEE from 18 to 20 April 2024.

The inaugural ceremony of ICEMPS 2024 was held on 18 April 2024. **Dr. Elizabeth Varghese**, HoD, EEE and Tutorial Chair, ICEMPS 2024 delivered the welcome address. **Dr. Abraham T. Mathew**, Principal presided over the function. **H. E. Most Rev Dr Mathews Mar Polycarpus** delivered the Benedictory Address. The Chief Guest **Shri. K. R. Jyothilal IAS**, Additional Chief Secretary, Govt. of Kerala inaugurated the Conference. Felicitations were offered by **Dr. Bijuna Kunju K.**, Vice Chair, IEEE Kerala Section and **Dr. Biju K.**, Assistant Director (Research), KTU and Secretary, IEEE Kerala Section. The Conference Handbook was released by **Dr. Biju K.**, **Dr. Shalu George K.**, Organising Chair, ICEMPS 2024 proposed the Vote of Thanks. Bursar Fr. John Varghese honoured the guest.

After inauguration, **Mr. Pradeep Kumar Keloth**, Principal Advisor, Emerging Technology Topics at L&T EduTech and Former Head of Engineering, Robert BOSCH gave the Keynote Address **Dr. Deepak Mishra**, Professor, IIST and **Ms. Megha Thomas V.**, Senior Engineer, Tata Elxsi handled the Tutorial Sessions. 106 papers were presented in the hybrid mode. *See Photo Gallery for photos.*

Vision: To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

Mission: To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.

COLLEGE DAY CELEBRATIONS

The 22nd College Day was celebrated on 16 April 2024 at Girideepam Convention Center. **Fr. John Varghese**, Bursar delivered the Welcome Address. **Ms. Aparna Rajeev**, the renowned Playback Singer and Ghazal Artist inaugurated the Function. **Dr. Abraham T. Mathew**, Principal, **Dr. S. Viswanatha Rao**, Vice Principal and **Mr. Sreekanth M. R.** Chairman, MBCET Senate, spoke on the occasion. Proficiency Prizes for academic merit and Certificates and Awards to the Inter University/University level winners in sports and games were distributed. Variety entertainment programmes followed the Inaugural Ceremony.:
See Photo Gallery for photos

OFFROADS-24:MOTOR RALLY

As part of the Offroads24, a motor rally was conducted from the College Gate to Sanghumugham Beach on 18 April 2024. **Fr. John Varghese**, the Bursar flagged off this Rally.

IEEE SPS TALK



As part of Distinguished Lecture Programme (DLP) of IEEE, IEEE Signal Processing Society of MBCET SBC organized a talk on 'Seizure Monitoring of Patients with Epilepsy using a Single Wearable EEG Sensor' by **Dr. John Mathews**, Professor, Electrical Engineering and Computer Science, Oregon State University, USA on 8 April 2024.

SELECTED TO KERALA HOCKEY JUNIOR STATE CHAMPIONSHIP



Keerthana D. S. of S1CE1 has been selected in Kozikode Junior Hockey team to participate in the 9th Kerala Hockey Junior State Championship to be held at Thrissur from 16 to 18 April 2024.

EXPERT TALK ON 'MODERN TRENDS IN ATC TOWER CONSTRUCTION'



An expert talk on the topic "Modern Trends in ATC Tower Construction" was organised by the Department of Civil Engineering for the S4 Civil Engineering students as part of their curriculum activities. The session was handled by **Mr. Unni Bhaskar**, Managing Director, UNO Technologies Pvt. Ltd. The event was coordinated by **Ms. Anupama Krishnan** and **Ms. Jomy James. AP**, CED

PROJECT FUNDING

Ms. Devi Priya V. S., Assist. Prof., Department of CSE and **Dr. Sibi Chakkaravarthy S.**, VIT-AP won a project funding of Rs 7.00 Lakhs from the prestigious Center for Hardware Security Entrepreneurship Research and Development (C-HERD), an initiative by the Ministry of Electronics and Information Technology (MeitY) and led by the Data Security Council of India in partnership with IIT Kharagpur and IIT Madras. She is the Co-PI for the Project.



ATTENDED INTERNATIONAL CONFERENCE

Dr. Anupama Krishna D. attended the 9th World Congress on Civil, Structural and Environmental Engineering (CSEE 2024), conducted in London, United Kingdom, from 14 to 16 April in the online mode and presented a paper. Co authors: **Dr. Priyadarsini R. S.** (College of Engineering, Trivandrum and **Dr. Narayana S.**, Marian Engineering College, Trivandrum.





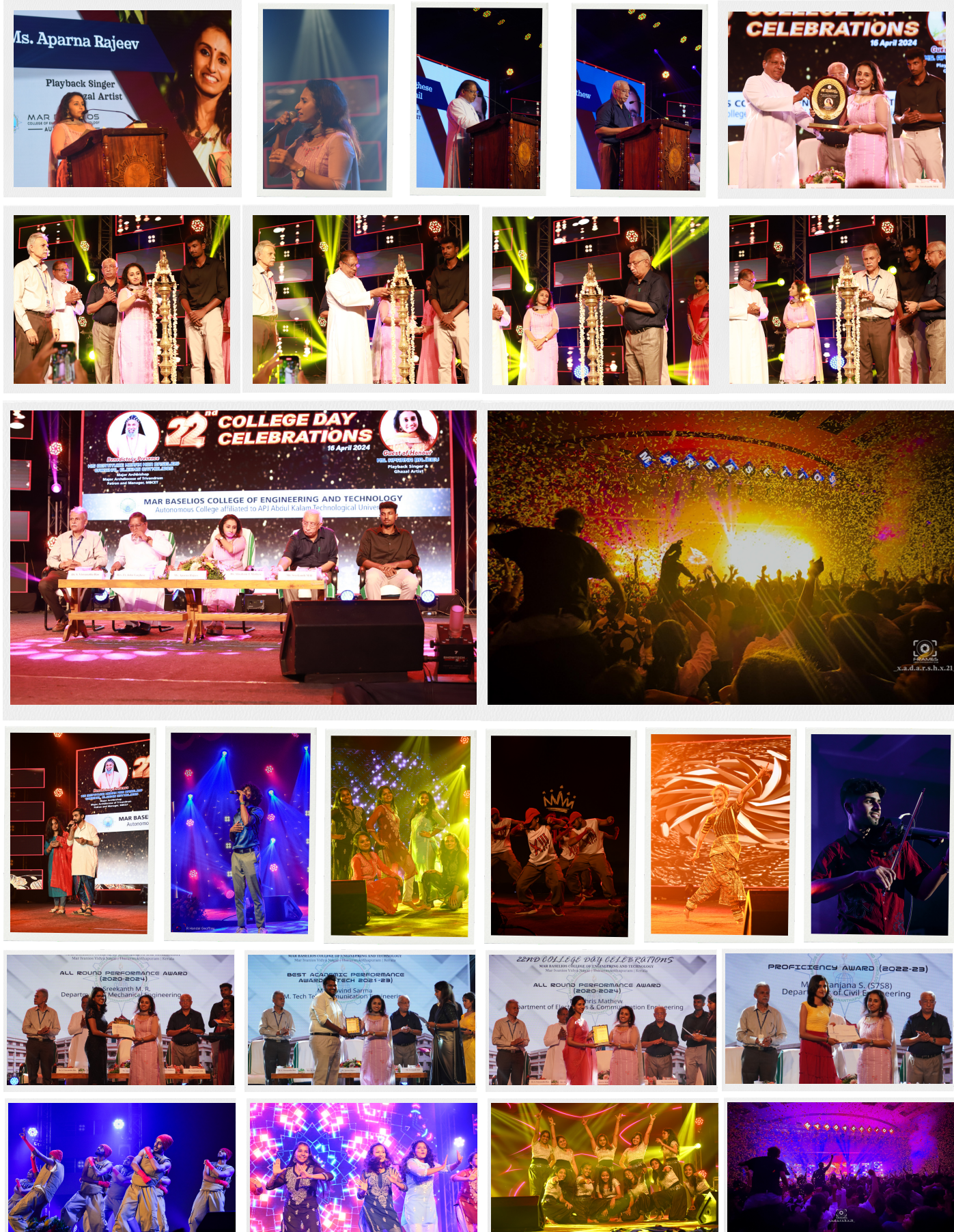
PHOTO GALLERY

ICEMPS 2024





22nd COLLEGE DAY CELEBRATIONS



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