



MBCET e-bulletin

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

Accredited by NAAC with A Grade . Five B.Tech programmes accredited by NBA since 2016

Principal's Message



15 September is celebrated as National Engineers' Day in India to commemorate the life and service of Sir M. Visvesvaraya, the celebrated Engineer of all times. Krishna Raja Sagar(KRS) Dam of

Mysore is one of the designs pioneered by Sir Visvesvaraya. Major portion of the dam is made of earth. When we visit the Vrindavan Gardens we find a tiny opening in the main dam, through which water is flowing continuously. The background of that provision is that river Kaveri cannot be stopped. This design exemplifies the problem solving mentality of the great Engineer, by which he completes the project without hurting the religious sentiments. It's not about promoting religion but about finding an 'Engineer's way' to address the concern. At present we have concerns about sustainability, climate change and such issues for which Engineers have to find solutions. These concerns are being addressed by Engineers around the world.

When the requirements of longevity, safety and economics are combined with the splendor of design we get monumental engineering creations, big or small. Let us pay our tributes to the Engineers who enable a comfortable life on earth.

Dr. Abraham T Mathew

Engineer's Day



Tribute to Sir Mokshagundam Visvesvaraya (15 September 1861- 14 April 1962). He was an Indian Civil Engineer, administrator and statesman, who was the 19th Dewan of Mysore from 1912 to 1918. National Engineer's

Day is celebrated on September 15 to honour Visvarayya's legacy and to recognize the contributions of all Engineers to the society. The Government first declared September 15 as Engineers Day in 1968. Sir Visvesvaraya was awarded Bharat Ratna in 1955 by the Govt of India.

Alumni Achievement



Ms. Vishnupriya Nair of 2018-2022 B. Tech Civil Engineering Batch was commissioned as Lieutenant in Indian Army (Short Service Commission Women Technical Entry Civil Engineering). She could realized her long cherished dream. Congratulation!

Faculty Member as Reviewer

Mr. Bobin Saji George, Asst. Prof. Dept. of ME, served as Program Committee Member and Reviewer for the 4th Congress on Intelligent Systems (CIS 2023) organised by the Department of Computer Science and Engineering, Christ Deemed to be University, Bangalore, sponsored by AICTE and Soft Computing Research Society. This was held during 4-5 September 2023.

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.

Expert Talk

Ms. Soumya A V Asst. Prof., EED and IET MBCET Faculty in-charge was a guest speaker for the Campaign event of IET- on Campus, conducted by Poddar Institute of Management and Technology, West Bengal, India, on 8 September 2023.

Workshop

Dr. S. Ushakumari, Professor, EED attended Theme-Centred Interaction (TCI) Stage 1 on the theme 'Leading myself and others with TCI Let's Explore' from 12 to 15 September 2023 at Sthala, Kannanmoola, Thiruvananthapuram. The event was organized by M.G. University, Kottayam.

Illumina Activities



Illumina, EED in association with EEE Alumni 2016-20 Batch sponsored the electrification works of a house at Mannanthala as a charity activity.

Training Programme



The Dept. of EEE organized a Short-term Programme 'Hands-On Training on Industrial Automation' from 5 to 10 September 2023. The programme was coordinated by **Dr. Sheryl Arulini A** and **Mr. Anil J**, Asst. Professors, EED. Resource Person: **Mr. Himanshu Kumar**, Director, Indwell Automation.

New Faculty



Ms. Akhila Mohan
Dept. of S & H



Ms. Preethi P.C,
Dept. of S & H

Chit Chat with Mentalist Arjun



FRAMES - MBCET Photography Club in association with T4Talent organized a talk session with Mentalist Arjun, a Master of the mind-bending art of mentalism, where he shared his experiences as a mentalist. Mentalism is a combination of psychology, deception and magic. He delved deep into the mysteries of the human mind, exploring the secrets behind mind reading, predictions, and uncanny feats that seem beyond explanation. The video can be watched on YouTube: <https://www.youtube.com/watch?v=A3k9XD0TyJY>

Orientation Session on the Changing Landscape of Jobs



Dept. of CSE organised an orientation session for the second and third-year students of the Department on the topic 'The changing landscape of jobs: How to stay ahead'. The event was conducted at College on 7 September 2023. The resource persons were **Mr. Shaheen Hyder** (Operations Coordinator and Technology Evangelist, GTech μ Learn), **Mr. Aswin Asok** (Web Master, GTech μ Learn) and **Mr. Salaman Faris** (Alumni 2019-2023 Batch CS1 & Strategic Consultant, GTech μ Learn).

Photo Gallery: Parodos 2023



The colourful welcome ceremony of the newly admitted students, the 22nd batch of the College, was held on Saturday 9 September 2023. H.E. Most Rev. Dr. Antony Mar Silvanos, Bishop of the Major Archepiscopal Curia of the Malankara Catholic Major Archepiscopal Church and the Apostolic Visitor to Oceania delivered the Benedictory Address. Shri. Ramesh Miraje, Divisional General Manager and Head, Nissan Digital India LLP, Nissan Motor Corporation was the Chief Guest. Shri Christo George, Founder Chairman and Managing Director of Hykon India Ltd. was the Guest of Honour. College exchanged an MoU with Hykon India Ltd to start a Centre of Excellence. The Student Induction Programme was also inaugurated during the function.

FDPs

1. Dr. Nisha G K, Ms. Sandhya P. and Ms. Surasmi N L attended a One Week FDP on 'E-Mobility and Associated Power Electronics' from 21 to 25 August 2023 organized by the Department of Electrical & Electronics Engineering, Ajay Kumar Garg Engineering College Ghaziabad.

2. A 3-day FDP on the topic 'Modeling and Control of EVs using Simulink and Simscape' was organized by the Signal Processing and Communication Research groups of the Department of ECE from 13 to 15 September, 2023, as part of the Faculty training under the campus-wide license of Matlab®. The sessions were led by Mr. Apurva Kulkarni, Senior Training Engineer, Mathworks India and Mr. Venkatasubramanian Narayanan, Training Engineer, Mathworks India. Twenty members of Faculty from different departments participated in the Training. Coordinators: Ms. Deepa P.L and Mr. Shiras. S.N, Asst. Professors, Dept. of ECE.

Expert Talk



The Dept. of EEE, in association with Control Systems Research group organized an expert talk on 'Role of Optimal guidance in soft landing of Chandrayan- 3' on 13 September 2023. The resource person was Dr. Radhakant Padhi, HAL Chair Professor, Dept. of Aerospace Engineering, IISc., Bengaluru.

Science is a beautiful gift to humanity; we should not distort it." "To give real service, you must add something which cannot be bought or measured with money." "The future of India lies in its villages." - Visvesvaraya

Upcoming Event

Smart India Hackathon Prelims 2023

The Dept. of Computer Science and Engineering, in association with IEEE, CSI MBCET, IEDC & AI Open Labs is organizing the prelims of 'Smart India Hackathon 2023' on 23 September 2023. Students can participate as a team of 6 members (at least one should be a female candidate), choosing any sector of their interest from the specified sectors, for the 12-hour coding competition. The shortlisted teams will become eligible to participate in the Smart India Hackathon 2023. Faculty Coordinators: Ms. Vishagini.V. and Ms. Dhanya.L. K, Asst. Professors Dept. of CSE.



#SmartIndiaHackathonPRELIMS!!

Grand Opportunity For All Technology Students !!
SIH is a non-stop product development competition.



SMART INDIA
HACKATHON
2023

Prelims on
**23rd
SEPTEMBER
2023**

Prelims of SIH 2023

- Team of 6 students is mandatory of which at least one should be a female candidate.
- 12 hours hackathon.
- Registration fee Rs.100 per head.

Register at :

<https://tinyurl.com/sih2023mbcetprelms>



SECTORS

- Smart Automation • Fitness & Sports • Heritage & Culture • MedTech/BioTech/Health Tech • Agriculture • Food Tech & Rural Development • Smart Vehicles
- Transportation & Logistics • Robotics & Drones • Clean & Green Technology • Tourism
- Renewable/Sustainable Energy • Blockchain & Cybersecurity • Smart Education
- Disaster Management • Toys • Miscellaneous

SPOC Coordinators

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