



PRINCIPAL'S MESSAGE

Science and technology have significantly contributed to the society through creation of new knowledge and its application to improve quality of human life. Many Indian Scientists have played major role in advancing Science and have been influential in the growth of Science in India. **Chandrasekhara Venkata Raman** who is popularly known as **Sir C.V. Raman** was one among them. He received the Nobel Prize in Physics in 1930 for discovering the Raman effect, in which light passing through a material is scattered, and the wavelength of the scattered light changes due to an energy state transition in the material's molecules. National Science Day is celebrated in India on February 28 to commemorate the discovery of the **Raman Effect** by **Sir C. V. Raman** in 1928. This day promotes scientific awareness, encourages innovation, and highlights India's scientific achievements. The 2026 theme, "Women in Science: Catalysing Viksit Bharat," focuses on empowering women in Science, Technology, Engineering and Mathematics (STEM), that represents an interdisciplinary approach to education that integrates these fields to foster critical thinking, problem-solving, and innovation to drive India's development by 2047.

Dr. S. Viswanatha Rao

YIP DISTRICT-LEVEL COMPETITION

A team of four students from S8 CS2 — **Ms. Ananya Pramod**, **Ms. Bhavana S Moorthy**, **Mr. Aromal M.**, and **Ms. Fathima Gesny** — cleared the first round and presented their project, titled "AI-Driven Multimodal Early Detection and Stage Classification of Cervical Cancer for Resource-Constrained Healthcare Settings," at the district-level competition of the Young Innovators Programme (YIP 8.0). The project was carried out under the mentorship of **Mr. Ramjith R. P.** (Asst. Professor, Dept. of CSE).

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.

SENATE ELECTION



The MBCET Senate Election was held on 20 February 2026. The following students were elected as the Office Bearers.



Aromal Santhosh S.
Chairperson



Gowri Santhosh
Vice-Chairperson



J. S. Hemand
General Secretary



Sidharth Sumitra
Gireesh
Magazine Editor



Harry Biju
Arts Club
Secretary



Arjun S. M.
University Union
Concillors



Chris Thomas Abraham
University Union
Concillors



Vedha Mahadevan
Woman
Representative



Laya Mariam Mathew
Woman
Representative



PAPER PRESENTATION

Ms. Deepthi K. Moorthy, Assistant Professor, Department of CSE presented a paper titled "Alzheimer's disease classification using Revolution Optimized SqueezeNet" in the 4th Congress on Control, Robotics, and Mechatronics (CRM2026) Organized by SR University, Warangal, on 22/2/2026.

KNACKIT – EPISODE 3: GITHUB ESSENTIALS

"KnackIt – Episode 3: GitHub Essentials" was conducted on 22 February 2026 via Google Meet, as part of the KnackIt professional professional edge series. The session aimed to introduce students to the fundamentals of Git and GitHub, emphasizing version control and collaborative development practices. The session was handled by **Mr. Krishna Prasad** (S8 CS2), who delivered an interactive, beginner-friendly walkthrough of key Git concepts. The event witnessed enthusiastic participation from over 80 students.



STUDENT ACHIEVEMENTS

Adhityan S8 ME won the scholarship from Armstech Engineers pvt ltd for MEP training from **Mr. Aravinth B.** Training Head Armstech Engineers Pvt Ltd. The session was coordinated by **Dr. Nidhi M. B.**, Head CPDL



FACULTY AS RESOURCE PERSON

Dr. Nidhi M. B., Prof. MED and Head CPDL MBCET, delivered Keynote address on the topic "Bridging Biology and Bytes the future of smart AI in healthcare" for BIOCUM 26 National Conference 26 February 2026 TKMIT - India kollam campus.



WEBINAR ON CAREER OPPORTUNITIES

AUTOMATA, in association with ACE Engineering Academy presented an Online Webinar on the importance of GATE for future career Opportunities on 23 February 2026. **Mr Kausik Agastyaraj**, Senior Faculty member of ACE academy took the session. Faculty coordinator: **Mr Alen K. Johnson**, student coordinator: **Mr. J. S. Hemand**.

WORKSHOP ON THE BASICS OF ELECTRIC MOBILITY



SAEINDIA MBCET Chapter conducted 'VOLTZWHEELS – Powering the Future of Mobility', a one-day hands-on workshop on the Basics of Electric Mobility, centered on the technology driving the future of transportation on 21 February 2026. It featured EV components, Live Demos and EV Kit Assembly. Faculty coordinators: **Dr. Adarsh S. J.**, **Dr Vivek V. Kamal**; Student coordinators: **Gautam S. Warriar**, **J. S. Hemand**.

FACULTY PUBLICATIONS

Ananth Parameswaran Nampootheri; Adhil Navas; Darsan Devanand; Vighnesh Baiju; Rajesh Thalapil Naduvilethil; Vaisakh Satheesan Nair, "Numerical analysis on the effect of dimples on aerodynamic performance of NACA 4412 aerofoil", AIP Conf. Proc. 3385, 020031 (2026) <https://doi.org/10.1063/5.0316236>.

FDP ATTENDED

- Dr Jaya S. Pillai** attended a five-day online FDP/STTP on "Climate Risk Management" organised by the Department of Technical Education and Management, NITTTR, Kolkata, from 9 to 13 February, 2026.
- Dr Jaya S. Pillai** and **Dr. Alice Thomas** of the Civil Engineering Department, and **Mr. Ramjith R. P.**, of the Computer Science Department, attended a one-day workshop on CITIIS 2.0 Component 2 - Southern regional workshop for state-level actions on 19 February at the Mascot Hotel, Thiruvananthapuram.
- Dr. Lekshmi I.**, Assistant Professor, Department of Science & Humanities completed the Five Days Faculty Development Programme on "Advanced Mathematical Frameworks for Nonlinear Dynamics and Geometric Analysis in the era of Artificial Intelligence" organised by DR. Thimmaiah Institute of Technology, New Delhi held from 16 to 20 February 2026.



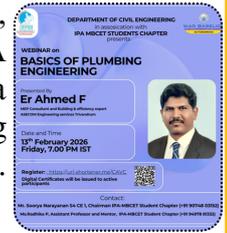
TRAINING SESSION FOR THE TECHNICAL STAFF

The Environmental and Water Resources Research group of the Department of Civil Engineering conducted a one-day training program on Microbiology Laboratory Practices for Faculty and Technical Staff on 23 February 2026. The session was handled by **Ms. Saranya A. S.**, Senior Microbiologist, School of Bio Sciences, MG University.



WEBINAR ON BASICS OF PLUMBING ENGINEERING

The Department of Civil Engineering, in collaboration with the IPA MBCET Students Chapter, hosted a webinar titled "Basics of Plumbing Engineering" on 13th February, 2026. **Er. Ahammed F.**, MEP Consultant and Building Energy Efficiency Expert. The event was coordinated by **Ms. Radhika P**, IPA Mentor at MBCET.



EXPERT TALK ON GREEN BUILDING RATING SYSTEMS

Mr. Ahammed F., Building Energy Efficiency Expert and MEP Consultant, and **Ms. Ashiqua Sulthana**, Sustainable Consultant, were the Resource Persons. 93 students participated in the sessions. The program was coordinated by **Dr. Jisha S. V.**



FIELD VISIT TO SCTIMST



PUBLICATION IN SPRINGER CONFERENCE PROCEEDINGS

Akshaya S., A. S. Chandran, M. S. Shibu, Dr. Manju Dominic, and **Ms. Ann George** have published a paper titled "Comparative Study of UHPC and PCC Rigid Pavement Using Finite Element Analysis" in the proceedings of ICITES 2025, published in Lecture Notes in Civil Engineering, Volume 755, by Springer, Singapore (2026).

OPEN TALK SERIES

The Google Developer Groups on Campus, MBCET, conducted their 5th edition of Weekly Lounge - an open talk and presentation space, at Pascal Hall on 18th February. **Sania Fleenton Pereira (S2 EC1), Angel Elizabeth Jacob (S2 CS1), Richa Rose Alex (S2 CS1), Megha Ajoy (S2 EC1) and Sam Jacob Sajan (S6 CS1)** engaged various sessions.



A field visit to the Precision Fabrication Laboratory and Biosensors Laboratory at the Bio-Medical Technology Wing of SCTIMST was organized by IIC, IEDC and IEEE EMBS, MBCET, in association with Biomedical Research Group (ECED) on 25 February 2026. The students observed the transition from CAD (Computer-Aided Design) to a physical, precision-machined product for prototyping and product development. Twenty two students from S4 Biomedical Minor Basket, S6 ECE and M2 (M. Tech IoT and Sensory Systems) participated in the event organized by **Ms. Teena Rajan** and **Dr. Lani Rachel Mathew (ECED)**.

SPANDANAM ACTIVITY

Spandanam, the social service wing of the ECE Department, organized a compassionate fundraising initiative to assist a financially distressed family from Chirayinkeezhu whose home and property were under threat due to heavy debt. The collected amount was handed over to **Mrs. Bindu K. S.** on 16 February 2026 in support of this cause.



LIBRARY UPDATES

MBCET Library renewed access to IEEE (ASPP+POP ALL), ASME, ASCE, EBSCO Engineering E-Books, DELNET database, Knimbus Remote Access & KOHA ILMS on cloud.

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Design & Layout: Abey E. Mathews (ITMS)

Published by Mar Baselios College of Engineering and Technology, Mar Ivanios Vidyannagar, Nalanchira, TVM - 695015