



PRINCIPAL'S MESSAGE

Education is a fundamental right that helps people develop their potential and improve their social, economic, and cultural status. It is a vital part of any society's growth and development that requires inclusive, equitable quality education, and lifelong opportunities for all. According to Nelson Mandela, the anti-apartheid activist and the first President of South Africa, education is the most powerful weapon which can be used to change the world. International Day of Education is celebrated on 24 January to raise awareness about the importance, the role of education for peace and development. This year UNESCO has dedicated it to Artificial Intelligence under the theme "AI and Education: Preserving Human Agency in a World of Automation". AI based systems are becoming more prevalent at an accelerated pace with increasing number of applications. There is a need to educate the people on the right use of technology with an objective of enhancing the quality of living. With the focus on education, to quote Audrey Azoulay, UNESCO Director-General, "AI offers major opportunities for education, provided that its deployment in schools is guided by clear ethical principles. To reach its full potential, this technology must complement the human and social dimensions of learning, rather than replace them. It must become a tool at the service of teachers and pupils, with the main objective being their autonomy and well-being"

Dr. S. Viswanatha Rao

STUDENTS SHINE AT HACKARTITHON HACKATHON

Students of Mar Baselios College of Engineering and Technology showcased their exceptional talent and innovative thinking at the 24-hour HackArtiThon Hackathon hosted by Al-Ameen College, Cochin, on 17 and 18 January 2025.



Winners of HackArtiThon:

1. Best Innovative Startup

• Team Bit by Bit: **Abhinav Dev, Karthik Raj, Adarsh Udayakumar, and Stevin Santosh Baby** (S6 CS1) secured the First Runner-Up position and a cash prize of ₹15,000



2 Best Socially Committed Startup Award

• Team Deepam: **Krishna Prasad** (S6 CS2) and **Aleena Shaji** (S4 EC2) won the Best Socially Committed Startup Award with a cash prize of ₹10,000.

3. Best Startup Video Pitch

• A team comprising **Yash Chhalotre, Aathish R. Viswam, Vishnu B. S.** (S6 EL) and **Midhun Eshwar** (S4 EC2) bagged the First Prize in the Best Video Pitching Category and received a cash award of ₹10,000.

The event was hosted at the LEAP centre of Al Ameen college and was supported by Kerala Startup Mission (KSUM), Confederation of Indian Industries (CII) and Ministry of MSME, Government of India.

The teams were mentored by **Mr. Arun J. S.**, Nodal officer, Catalyst Marketing Baselios IEDC

FACULTY AS CHIEF GUEST



Dr. Nidhi M. B., Prof., MED, served as Chief Guest for ISTE students chapter inauguration at Marian College of Engg, Trivandrum on 16 January 2025. It was then followed by an address on the topic "**Role of Professional bodies in Technical Education in AI era**".

BOOK PUBLISHED

Ms. Vijitha Robinson, Asst. Prof., Department of CSE, co-authored a book titled "**C Programming: Mastering the Basics**" and published in January 2025. ISBN: 978-93-341-8237-8.



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.



SPECIAL APPRECIATION AWARD



MBCET received the special appreciation award for the contributions of ISTE faculty Chapter during 2023-24 (Engineering College Stream) at the 35th Annual State Convention of ISTE Kerala Section held on 18 January 2025 at Marian Engineering College, Thiruvananthapuram. **Dr. Nidhi M. B.** (Prof., MED), **Ms. Asha S.** (Associate Prof., CSED), **Mr. Melvin Jacob** (Asst. Prof., MED), **Dr. Soumya A. V.** (Asst. Prof., EEE) **Ms. Poorna B. R.** (Asst. Prof., CSED) and **Ms. Jean Molly Simon** (Asst. Prof., CED) attended the convention.

PAPER PRESENTATION

Dr. Nidhi M. B. (Prof., MED) and **Dr. Soumya A. V.** (Asst. Prof., EEED) presented a paper entitled “**Artificial Intelligence in Education: Benefits, Limitations, and Research Gaps**” at the “**National Seminar on Transformative Innovations Shaping the AI-Driven Epoch**”, as part of 35th Annual State Convention of ISTE Kerala Section held on 18 January 2025 at Marian Engineering College, Thiruvananthapuram.

BEST PAPER AWARD

Ms. Poorna B. R. (Asst. Prof., CSED) received the best paper award for the paper titled “**Machine Learning Techniques for Healthcare Recommendation Systems**” at the National Seminar on Transformative Innovations Shaping the AI-Driven Epoch, as part of 35th Annual State Convention of ISTE Kerala Section held on 18 January 2025 at Marian Engineering College, Thiruvananthapuram.



RIT Kottayam CONNECT'25

ISTE SC RIT recently conducted Connect '25, an event that brought together Execom Members of ISTE student chapters across Kerala to discuss expansion and foster ties among Chapters. The conference was conducted on 11 January 2025 at the RIT Kottayam Campus. **Yash Chhalotre** S6 EL, **Krishna Prasanth** S6 CS2 and **Snith Shibu** S4 EC1 represented ISTE SC MBCET at the conference.

GAME DEVELOPMENT SESSION



Dept. of CSE in association with CSI SB organized a Game Development Session on 18 January 2025. To provide the participants with foundational knowledge of game development and to introduce them to Unreal Engine. 43 students attended this event. The session was led by **Mr. Sabal Krishna S.**, Ex-Community Intern at Banzan Studios, Game Development IG Lead & Projects Lead at GTech μ Learn. Faculty Coordinators: **Ms. Deepthi K. Moorthy**, **Ms. Krishna L.**

YIP 7.0 ORIENTATION SESSION

On 13 January 2025, an online session was conducted on behalf of the Young Innovations Program (YIP) by **Ms. Shamil Mohan**. This session was organized by ISTE MBCET in collaboration with IEDC. 29 students attended the session. The session covered the topics: Basis of YIP including innovation, creativity, and entrepreneurship.



OUTREACH ACTIVITY

Chirag – The Social Service Organization of Illumina, association of Dept of EEE, provided financial support for the completion of the electrical work of **Mr. Amal Kumar's** house at Puthenkulam, Chirakkara, Kollam.



IEEE PES ACTIVITY



IEEE PES SBC MBCET, in collaboration with T.I.M.E. Institute organized a Career Guidance Talk session ASCEND 2.0 on 16 January 2025 for the pre final year students of Department of Electrical and Electronics Engineering. 69 students participated in the talk.



ASCE TALK



The MBCET Student Chapter of ASCE conducted a session on **Traffic Surveys and Management Measures** on 18 January 2025. Led by **Dr. Praveen P. S.**, Junior Scientist, KSCSTE-NATPAC, the session covered effective traffic survey techniques, management strategies, and real-world applications. Selected students will contribute to an in-house traffic project to mitigate traffic problems in the Mar Ivanios Vidyanagar.

FDP ATTENDED

- **Mrs Bibi Annie Oommen**, Assistant Professor, CSED completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on '**AI and Robotics for Enabling Biomedical Innovations**' at Rajadhani Institute of Engineering and Technology from 06 to 11 January 2025.
- **Mrs. Deepthi K. Moorthy** and **Mrs. Lino Zachariah** Asst. Professors, CSED completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advanced Techniques in AI and Machine Learning at the College Of Engineering, Cherthala from 6 to 11 January 2025.

ACZIA TECHNOLOGIES' PLACEMENT DRIVE



The placement drive of ACSIA Technologies hosted by MBCET concluded successfully on 17 January 2025, where 150 students from MBCET, Marian Engineering College and LBS College participated.

NSS BLOOD DONATION CAMP

On 23 January 2025, a blood donation camp was organized at the College in collaboration with the Regional Cancer Centre (RCC) Trivandrum by the NSS units of MBCET. The camp commenced with an opening address by **Rev. Fr. John Varghese Palanilkunnathil**, Director who highlighted the significance of blood donation and its role in saving millions of lives. **Dr. S. Viswanatha Rao**, Principal addressed the blood donors and volunteers at the event. 42 individuals donated blood. **Dr. Arun**, RCC expressed thanks to all donors, volunteers, and supporting organizations for their invaluable contributions.



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