



## FESTAL GREETINGS



### Festal Greetings

To **H. B. Moran Mor Baselios Cardinal Cleemis Catholicos**, Major Archbishop of Trivandrum and our Patron.



### PRINCIPAL'S MESSAGE

The Catholicos of the Malankara Churches takes the name Baselios after the great **Saint St. Basil**. As part of the Malankara/Antiochian tradition, **Mar Cleemis** assumed the name **Baselios Cleemis**. He was enthroned Major Archbishop-Catholicos of the Malankara Catholic Church and the Major Archbishop of Trivandrum on 5 March 2007 at the St. Mary's Cathedral, Trivandrum. His heavenly Patron's Day is on 1st January. Festal Greetings to **H. B. Moran Mor Baselios Cardinal Cleemis Catholicos**, our beloved Patron, on this solemn occasion.

As we welcome 2025, we extend our heartfelt thanks to all our stakeholders for their unwavering support and hope it will be continued in the new year as well. Wishing everyone a year of peace, happiness, and a wealth of opportunities!

**Dr. S. Viswanatha Rao**

*Each new year is a gift of learning, growth, and hope.  
May your mind and soul be enriched with these  
things and more in the days to come!*

**MBCET wishes you...**

**Happy New Year  
2025**



## MOU SIGNED



Dept. of CSE initiated an MoU with Smart City Trivandrum Ltd.(SCTL) that was signed on 30 December 2024. **Shri Rahul Krishna Sharma IAS**, CEO and **Dr. S. Viswanatha Rao**, Principal signed the MoU on behalf of SCTL and MBCET respectively in the presence of **Shri. Krishna Kumar S.**, GM Operations and **Shri Sreekumar B.**, Finance Officer from SCTL and Professors **Dr Jayasree S.**, **Dr Tessa Mathew** and **Dr. Jisha John**, MBCET. This partnership marks a significant step toward bridging the gap between academia and industry, opening doors for collaborative research, skill development, internships, and enhanced learning opportunities for students and faculty.

## REUNION

Reunion of 2008-2012 B.Tech CE was held on 21 December 2024. Around 20 students and their families attended. **Dr. Komalavally Amma**, Former HoD **Prof. P. N. Mohan**, **Dr. Neethu Roy**, **Mr. Ratheeshkumar**, **Mrs. Raji**, **Mr. Manonmany**, **Mr. Azeekhan**, **Mr. Johnson George** were also present along with their staff advisor **Dr. Jayasree S. Fr. John Varghese**, Director, **Dr. S. Viswanatha Rao**, Principal, and **Fr. Thomas Mukulampurathu**, Finance Officer spoke on the occasion.

## YOGASANA TEAM SELECTED

MBCET Yogasana (Men and Women) Teams Secured Second and Third positions respectively in the All Kerala Inter-Collegiate Competition held at KMEA Engineering College, Aluva on 14 December 2024.



**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.

## PAPER PRESENTATION

**Malavika S, Merin Anna John, S. Meenakshi and Advaith P S** presented a paper on “**Satellite Tumbling Control using Magnetorquers**” in the 11th IEEE International Conference on Power and Energy Systems (**PEDES 2024**) held at National Institute of Technology Karnataka, Surathkal, India from 18 to 21 December 2024. The project was guided by **Dr. Nisha G.K.**, Professor, EED and **Ms. Vrinda Prasad**, Assistant Professor, EED.

## 5 DAYS STTP "COMPETENCY ENHANCEMENT IN MECHANICAL ENGINEERING"

The Dept. of ME, in association with the ISTE MBCET Chapter under ISTE Kerala Section, organized a 5-day Short Term Training Program (STTP) from December 16 to 20, 2024. The program, coordinated by **Mr. Deepak B.** and **Mr. Abhiram R. Nair**, was attended by all Technical Staff from the Department. It aimed to enhance their skills and competencies in Mechanical Engineering through a blend of theoretical and practical sessions. The program commenced with an inaugural session led by **Dr. Nidhi M. B.**, Professor at MBCET and National Executive Council Member of ISTE, on 16 December 2024.

A Team of experienced faculty members from MBCET, along with a guest speaker, **Mr. Kedar Mohan** from CET, led the sessions. The program concluded with a valedictory session.

## BOOKING SOFTWARE FOR SHE SPACE & SHE HUB PROJECT



As part of the She space and She hub project of the Trivandrum Corporation, **Mr. Mohammed Anaz** (S5 CS1), **Mr. Rizwan Shajahan** (S5 CS2) & **Mr. Adwaith S. Jith** (S5 CS2) have developed a booking software and it was inaugurated by the Hon'ble minister of Kerala (Local Self Governments, Rural Development and Excise), **Sri. M. B. Rajesh**, on 18 December 2024.

## VISIT TO KOLLAMKODE CONCRETE POST CONSTRUCTION SITE



Students of S7 CE, M3 and M1 of Structural Engineering visited the Kollamkode Prestressed Concrete Post construction site on 13th December 2024. **Dr. S Jayasree**, Professor in CE, **Ms. Rakhi J. H.**, Asst. Prof. and **Mr. Arun J.** Tech-staff accompanied the students.

## FDP ATTENDED

- **Ms. Gayathri K. S. & Ms. Anjali S.** (Assistant Professors, Department of CSE), have successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Generative AI and its Applications with Computer Vision” at Lalbhai Dalpatbhai College of Engineering Ahmedabad from 16 to 21 December 2024.
- **Ms. Syama S. Mohan**, Asst. Professor, S & H Department attended a Five day online FDP on 'Algebra, Analysis and Number Theory' organized by Department of Mathematics, SRM University - Andhra Pradesh from 16 to 20 December 2024.

## SPORTS NEWS

### Gold Medal In Karate

**Herin Mary Tiju** (S1 CT) secured gold medal in the Kollam District Karate championship in the +68 category for above 18 years held at Jawahar Bala Bhavan, Kollam on 28 December 2024.



### Selected to All India Competition

**Kiran Biju** (S6CS1) and **Sreenandan A.** (S4ME1) represented KTU in the All India Inter University Yogasana Competition held at Bhubaneswar in December 2024.



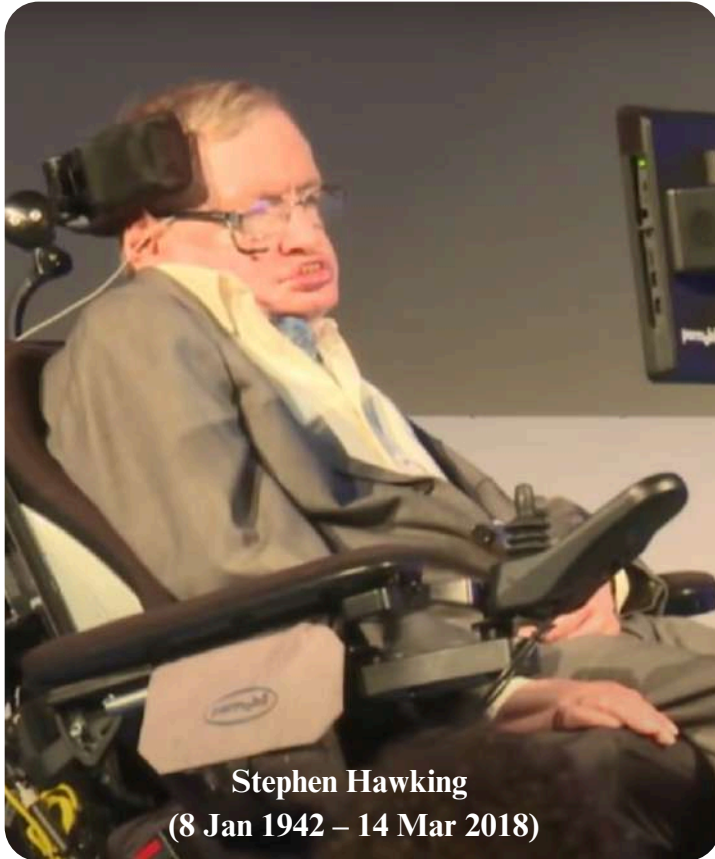
**NATIONAL SERVICE SCHEME (NSS) CAMP**

NSS unit No. 230 and 706, APJAKTU NSS Technical Cell MBCET organised a seven day special camping from 26 December 2024 to 1 January 2025 at Govt. LPS, Aruvikkara. A total of 45 student volunteers from both units along with the Programme officers **Ms. Revathy K. P.**, AP EED and **Mr. Sreeju Nair S. B.**, AP CED attended the camp. The seven day special camp was inaugurated by honourable MLA of Aruvikkara constituency **Sri. G. Stephen. Fr. John Vargheese**, Director, presided and **Dr. S Viswanatha Rao**, Principal gave the inaugural address. The event was felicitated by **Sri. A M Illiyas**, Ward Member and **Mr. Sunil R.**, PTA president. The camp was highlighted with orientation sessions, Digital surveys, Cleaning activities, Cultural programs and personality development trainings. Best NSS volunteers during the camping programme were selected and were awarded during the valedictory meeting presided by **Ms. R. Kala**, Aruvikkara Panchayat President. The Camp was well coordinated and adhered to the schedule.





## STEPHEN HAWKING: THE GENIUS OF THIS CENTURY



Stephen Hawking  
(8 Jan 1942 – 14 Mar 2018)

**Stephen Hawking** (8 Jan 1942 - 14 March 2018), born in Oxford, after his graduation from Oxford, secured a Ph.D. from Cambridge. After teaching Gravitational Physics there in 1974, he was appointed to Cambridge's Lucasian Professorship of Mathematics, a post once held by Isaac Newton. In the 1960s, he contracted an incurable degenerative neuro-muscular disease called Amyotrophic Lateral Sclerosis, which made him a disabled person.

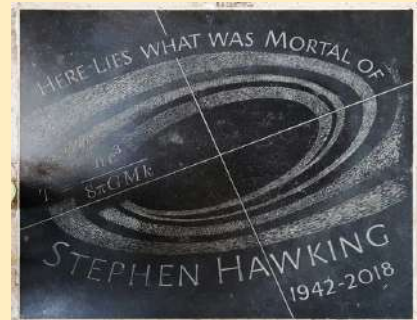
**Major Works:** *A Brief History of Time*, *The Grand Design*, *Black Holes*, and *The Theory of Everything*.

### Final Message of Stephen Hawking to Humanity:

*Before he departed us for worlds beyond, Stephen Hawking delivered the following final speech: "...I realized there is life; there is hope. There are many ambitious experiments planned for the future. We will map the positions of billions of galaxies. We will better understand our place in the universe. First, we must also continue to go into space for the future of humanity. I don't think we will survive another 1000 years without escaping beyond our fragile planet. It has been a glorious time to be alive doing research in theoretical physics. The fact that we humans, as collective fundamental particles of nature, have been able to come this close to an understanding of the laws governing us and our universe is a great triumph. I am happy if I have made a small contribution. I want to share my excitement and enthusiasm about this quest. So remember to look up at the stars and not down at your feet. Try to make sense of what you see and wonder about what makes the universe exist. Be curious, and however difficult life may seem, there is always something you can do and succeed at. It matters that you don't first give up. Well, there is life, there is hope."*



Hawking taking a zero-gravity flight in a reduced-gravity aircraft, April 2007



Stephen Hawking's memorial stone in Westminster Abbey

### Indian Engineers Who Made Stephen Hawking Talk:

**Dr. Arun Mehta** and **Vikram Crishna**, Indian software engineers, developed the software 'e-locuter', enabling nonverbal disabled people to write and speak. Stephen Hawking spoke with the help of 'e-locuter.'



Mr. Vikram Crishna



Dr. Arun Mehta

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