



PRINCIPAL'S MESSAGE

The nature of the rotation of earth has triggered the curiosity of many scientists over the ages who put forward numerous theories about

how the rotation actually takes place. Nicolaus Copernicus, a Polish astronomer, Mathematician, and Catholic clergyman was the person who first proposed that the Earth rotates on its axis and revolves around the sun. The Indian scientist Aryabhata, had stated in 499 BC that the Earth rotates on a fixed axis each day. As we know, the phenomena is responsible for our day and night as well as our sleep-wake cycle. It was the French Physicist Leon Foucault who scientifically proved that the Earth rotates on its axis. To demonstrate his theory, Foucault suspended a lead-filled brass sphere, known as the Foucault Pendulum, from the top of the Pantheon in Paris. He observed that the plane of the pendulum's swing rotated relative to the Earth's rotation. Earth's Rotation Day is celebrated on 08 January each year to commemorate the day in 1851, in honour of Foucault, when he proved that the Earth rotates on its axis. Let us celebrate to create awareness on such scientific achievements and to learn more about the planetary system that we are part of.

Dr. S. Viswanatha Rao

INAUGURATION OF IOT-BASED SMART FARMING AT MBCET CAMPUS



The planting and seed-laying ceremony for the IoT-based Smart Farming initiative at the MBCET campus was inaugurated and blessed by **Fr. John Varghese Palanikkunthil**, Director MBCET, on 19 December 2024. The event was graced by the presence of distinguished guests, including **Dr. S. Viswanatha Rao**, Principal of MBCET; **Dr. Santhosh Mitra**, Principal Scientist at the Central Tuber Crops Research Institute (CTCRI); **Mr. Sujith S. V.**, CEO of Naaden Agro Pvt. Ltd.; **Dr. Ushakumari S.**, Dean, Corporate Relations and the Deans and Heads of Departments of the institution.

This innovative project is a collaborative effort between Innovation and Entrepreneurship Development Cell (IEDC) of MBCET, the Central Tuber Crops Research Institute (CTCRI), the Government of India, and Naaden Agro Pvt. Ltd.

WINNERS OF ASAP IDEA FEST

Diya Mathews, Sara Robin Baby, Nayana Anna Binu, E. V. Jishnu S4 CS2 students secured Second Prize for the ASAP Idea Fest, Monthly Ideathon Series- November edition.



CO - PO AWARENESS SESSION

The Teaching-Learning Centre of MBCET in association with IQAC organized a CO-PO mapping awareness session

on 03 January 2025. The resource persons were: **Dr Vinod V.**, Assoc. Prof., MED and **Mr. Praveen G. L.**, Asst. Prof., CSE. In the afternoon session, a workshop was conducted in which 60 faculty members participated.



RESUME BUILDING SESSION

Dept. of CSE in association with CSI SB MBCET organized a Resume building session for the students on 19 December 2024. **Ms. Varsha Renjith** (Data Engineer, Nissan Digital India) was the Resource Person. Faculty Coordinator: **Ms. Deepthi K. Moorthy**



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.



μLEARN MBCET: DECEMBER 2024 HIGHLIGHTS

Congratulations to the Top XII Karma Hunters of 2024! Leading the way is **Aparna G. Raj S6 CT**, who set a new record with an incredible 21,270 Karma Points. Adding to the celebration, MBCET proudly claimed the top position on the Global Monthly Campus Leaderboard, achieving a staggering 1,59,040+ Karma Points in December. This milestone highlights the collective efforts and enthusiasm of our vibrant campus community.

PAPER PRESENTATION

Dr. Alice Thomas, Asst. Prof. of the CED, presented two Conference papers at Hydro 2024 which was conducted by Central Water and Power Research Station, Pune from 18 to 20 December 2024. The first paper was co-authored by **Joel Shajee, Sidharth Babu, Simjesh S. G., Snehal Sabu S8 CE2, 2020-24 batch** and **Dr. Minu Ann Peter**. The second paper was co-authored by **Rahul Rajan, Libin D. Santhosh, Firdous S., and Anwar Muhammed A. S8 CE1, 2020-24 batch**.



IGNIUM 2024 CO-ORDINATED

Dr. M. J. Jayashree, Professor, Dept. of ECE and Dean (Academic Affairs-UG), Treasurer and Student Activities Chair of IEEE EMBS Kerala Chapter coordinated the Annual event named "Ignium 2024" for the student members of IEEE EMBS Kerala Chapter in online mode from 26 to 31 December 2024. Eight events including Idea Pitching Competition, Webinars, Biomedical Quiz, Interaction with Professionals, Experience sharing by an IEEE EMBS member and Essay writing competition were scheduled and conducted.

SESSIONS CHAIRED at iCon-BCIHT

Dr. M. J. Jayashree chaired two sessions of Health and BCI tracks on 19th and 20th Dec 2024 in the "2024 International Conference on Brain Computer Interface & Healthcare Technologies (iCon-BCIHT)" organized by CDAC in association with IEEE EMBS Kerala Chapter. She was also the Technical Program Co Chair of the Conference.

PHD AWARDED



Mr. Anil J., Asst. Prof., EEE Dept. has been awarded the Doctor of Philosophy by Noorul Islam Centre for Higher Education for his thesis entitled "A Novel Approach to Expression Independent Face Recognition Problem" on 22 November 2024. **Dr. Anil** received Degree certificate from Dr. A.P. Majeed Khan, Chancellor, NICHE on the 32nd Convocation day.

SEMINAR ATTENDED



Dr. Tessa Mathew, Dr. Jesna Mohan, Mr. Ramjith R. P., Dr. Dishore S. V., attended International Seminar on "Bharatiyasastras & Samskrtam: Bridging Traditional Wisdom & Modern Innovation for Vikasith Bharat" organized by Rajiv Gandhi Centre for Biotechnology (RGCB), Central Sanskrit University(CSU), and ICFAI University, held on 3 and 4 January 2025 at the Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram, Kerala. **Mr. Ramjith R. P.** was a coordinator for this seminar.

PAPER PRESENTATION AWARD

Mr. Raveesh G., Asst. Prof., MED, who is now undertaking Ph.D at IIT Delhi received Best Oral Presentation Award at the International Conference Cutting-Edge Science for Sustainable Development (ICSSD-2024) held at Sharda University, Noida during 20 to 21 December 2024.



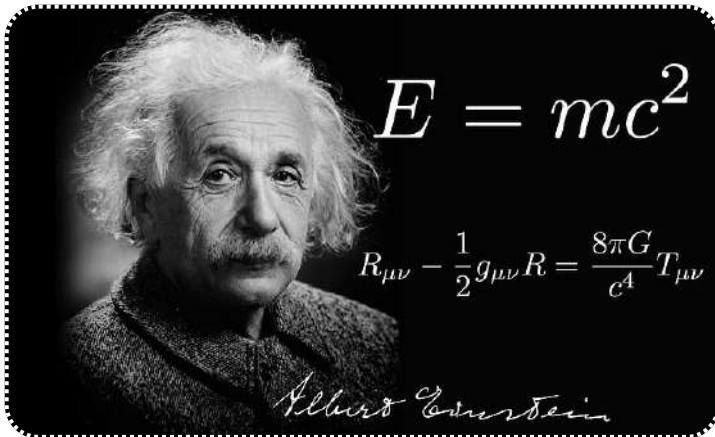
INDUSTRIAL TRAINING PROGRAM ATTENDED

Dr. Lani Rachel Mathew, Asst. Prof., Dept. of ECE attended a three week Industrial Training program for Faculty organized by BSNL, from 11 to 31 December 2024, at the Regional Telecom Training Centre, Trivandrum.





ON EDUCATION : ALBERT EINSTEIN



Albert Einstein

(14 March 1879 – 18 April 1955)

Excerpts from an address by Albert Einstein to the State University of New York at Albany, on the occasion of the celebration of the tercentenary of higher education in America, 15th October, 1936.

A day of celebration generally is in the first place dedicated to retrospect, especially to the memory of personages who have gained special distinction for the development of the cultural life. This friendly service for our predecessors must indeed not be neglected, particularly as such a memory of the best of the past is proper to simulate the well-disposed of today to a courageous effort.

Thus, there is nothing else left for me but to speak about such questions as, independently of space and time, always have been and will be connected with educational matters.

The school has always been the most important means of transferring the wealth of tradition from one generation to the next. This applies today in an even higher degree than in former times, for through modern development of the economic life, the family as bearer of tradition and education has been weakened. The continuance and health of human society is therefore in a still higher degree dependent on the school than formerly.

Sometimes one sees in the school simply the instrument for transferring a certain maximum quantity of knowledge to the growing generation. But that's not right. Knowledge is dead; the school, however, serves the living. It should develop in the young individuals those qualities and capabilities which are of value for the welfare of the

Commonwealth. But that does not mean that individuality should be destroyed and the individual becomes a mere tool of the community, like a bee or an ant. A community of standardized individuals without personal originality and personal aims would be a poor community with no scope for development. On the contrary, the aim must be the training of independently acting and thinking individuals, who, however, see in the service of the community their highest life problem. On the other hand, I want to oppose the idea that the school has to teach directly that special knowledge and those accomplishments which one has to use later directly in life. The demands of life are much too manifold to let such a specialized training in school appear possible. Apart from that, it seems to me, moreover, objectionable to treat the individual like a dead tool.

The school should always have as its aim that the young man leave it as a harmonious personality, not as a specialist. This in my opinion is true in a certain sense even for technical schools, whose students will devote themselves to a quite definite profession.

Therefore, one should guard against preaching to the young man success in the customary sense as the aim of life. For a successful man is he who receives a great deal from his fellow-men, usually in comparably more than corresponds to his service to them. The value of a man, however, should be seen in what he gives and not what he is able to receive. Thus, the wit was not wrong who defined education in this way: **“Education is that which remains, if one has forgotten everything he learned in school.”**

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

Source: <https://www.andrew.cmu.edu/>

**“A Student is not a container
you have to fill
but a torch you have to light up”**



Albert Einstein

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