



**MAR BASELIOS**  
COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade. Five B.Tech Programmes accredited by NBA since 2016.

**MBCET**  
Bulletin

@officialmbcet



## PRINCIPAL'S MESSAGE

India's startup ecosystem has seen a significant growth in the last decade, thanks to the initiatives taken by various government and private organisations including Startup India, and Kerala Startup Mission. These initiatives include programs that help startups with funding, mentorship, and recognition. In addition, there are other provisions for tax exemptions, intellectual property protection and access to the government e-resources. India's startup ecosystem is one of the largest in the world, with a diverse range of startups in many sectors. There are over 100 unicorn companies in India making it the third largest in the World Startup space. Startups are a key driver of economic growth and innovation in India and put together they are a key source of jobs in our country. In India, National Startup Day, the foundation day of Startup India, is celebrated on 16 January every year to honour the creativity, determination and spirit of startup founders. There is a large number of new challenges that need to be addressed at domestic as well as global level. With a young population having an increasing drive for providing solutions, effectively making use of advancements in technology, Indian startups have great opportunities to address these challenges, flourish and contribute to the society and nation building.

**Dr. S. Viswanatha Rao**

## FOUNDER'S DAY : JANUARY 18



**His Beatitude Moran Mor Cyril Baselios Catholicos,  
the Founder of MBCET**

## FDP ATTENDED

**Ms. Jisha J. J.** and **Ms. Uma M.**, Asst. Professors (S&H) participated in the 5 day online FDP, Nesamony Memorial Christian college, Marthandam (16 to 20 December 2024)

## MBCET TEAM RUNNERS UP

MBCET became Runners Up in the Trinity Engineers Premier League Cricket Tournament held on 14 December 2024. Trinity College of Engineering was the Champion.



## STAFF CRICKET TOURNAMENT

MBCET Inter College Staff Cricket Tournament 2025 was held on 11 and 12 January 2025 at the Mar Ivanios Ground. Trinity College of Engineering was crowned the Champions and UKF College of Engineering the First Runners up. MBCET finished as Second Runners up.



## PAPER PUBLICATION

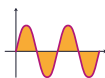
- **Dr. Dishore S. V.**, Asst. Prof., EED published a Scopus indexed paper in International Journal of High Speed Electronics and Systems, World Scientific Publishing
- **Ms. Lekshmy O.**, Chemistry Tutor, S&H published a paper in the Journal: Current Science, vol: 127(11), on December 2024.

**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.



## NIKOLA TESLA : A GENIUS WITH PROPHETIC VISION



A fragment from his speech

Published Oct 25, 2018

A fragment from the speech of one of their unique personalities in the history of our civilization - Nikola Tesla on the occasion of the commemoration of the launch of a power plant on the Niagara Falls in Buffalo, at the club "Ellikott", January 12, 1897.

... "Nikola Tesla: I can tell you for sure that not all my technologies will soon enter the life of mankind. I can even tell you exactly the date - this will happen in 2018, when the highest essence of the Absolute comes to our world. Yes, gentlemen and ladies! This is not fantastic!

It is the Absolute itself that will begin to teach people to fly and become immortal! This is as accurate as the fact that I will die in 1943, ladies and gentlemen! **The golden age will come exactly in 2018, ladies and gentlemen!**

And in the spring of 2017 the Absolute will start pulling out all of humanity from the sleeping state! All of humanity will then stand on the verge of an incredibly devastating war!

You only think that the future is impossible to know, my dear.

And I was there! I was there by my mind! And my mind is absolutely clear and does not lie to me. Due to the clarity of my mind, I travel to another world, into the world of the future, to the place where the leader of all the peoples of the earth named Ay has elevated the human world to super-fantastic technologies. Allow a person to concentrate all his energy in one great impulse, let him understand one single truth, even if he is consumed by a sacred flame, and millions of less gifted people can easily follow him.

Therefore, mainly not quantity, but quality of work determines the scope of progress. This is Absolute Absolute! It again awakened a broad spirit of philanthropy, which even in the old days shone in the teachings of the great reformers and philosophers, the spirit that makes people in all areas and any positions work not so much for the sake of material gain or reward - although the mind can talk about it too, - how many in the first place for the sake of success, for the pleasure of achieving it and for the good that they can bring to these of their brethren ..".

**Source:** <https://www.linkedin.com/pulse/fragment-from-speech-nikola-tesla-1807-martin-cressey>

**Nikola Tesla's Major Contributions and Inventions:** Nikola Tesla made significant contributions to modern technology. He developed the **Alternating Current (AC) System**, enabling efficient long-distance power transmission, and invented the **Tesla Coil**, a high-voltage transformer used in wireless power and radio technology. Tesla pioneered the concept of **Wireless Power Transmission** and demonstrated the transmission of **Radio Waves**, leading to wireless communication. His invention of the **Induction Motor** advanced AC-powered electric motors. He also contributed to **Fluorescent and Neon Lighting** systems and conducted early **X-ray Imaging** experiments, influencing medical imaging. Tesla designed the **Tesla Turbine**, a bladeless turbine for fluid-based power generation, and showcased the first **Remote Control** device. He developed the **Earthquake Machine**, a mechanical oscillator producing resonant vibrations, and envisioned a **Wireless World Vision** for global communication and power networks. Additionally, he designed a **Bladeless Fan** using fluid dynamics principles. His work laid the foundation for modern **Power Grids, Electric Motors, Wireless Communication, Fluorescent and LED Lighting, Wireless Charging, Remote Control Devices, Electric Vehicles, Bladeless Fans, and Wi-Fi and Bluetooth** technologies.

*Tesla's genius came from a blend of deep scientific understanding, natural curiosity, visionary thinking, and an intense drive to improve the world. He gained insights during dreams and meditation. Ideas came to him in flashes of intuition.*

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