



# MBCET e-bulletin

**MAR BASELIOS**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
AUTONOMOUS

Accredited by NAAC with A Grade . All B-Tech programmes accredited by NBA

## Principal's Desk



We wish you all a very joyful and prosperous New Year, and pray that the year 2021 will be devoid of any pandemic. We all know, how we have struggled, last year, because of the Covid-19 pandemic caused by the SARS Corona virus. Fortunately, the new year has begun with a

greater relief because of the advent of vaccines. At the same time, there are reports of the onslaught of new strains of viruses with greater danger. Deeper investigations into this issue of recurrence of the pandemics are needed to identify the causative factors. If the threats are found to have any bearing on the climate change and pollution, then we have to be much more careful in utilizing the resources in our day-to-day life. Let us conserve a major part of the natural resources for the future and protect the environment. I am sure that this will lead to a sustainable and beautiful life on Earth.

Our campus has become lively and cheerful because of the presence of students after a long gap of almost 10 months. Final year students have started coming in two batches on alternate days from 4th January onwards. Thereafter, the Third year UG students will start coming in a similar manner from 18th January onwards for two weeks. Second year students will follow suit thereafter. College has arranged round the clock vigilance to keep the campus sanitized and clean and also to meet any emergencies. We pray for the well-being of our students.

Best Wishes for a Happy and Prosperous New Year.

**Dr. Abraham T Mathew**

## Prayer for the Campus



His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, the Major Archbishop of Trivandrum and Patron officiated the Prayer Ceremony to mark the beginning of the contact classes, on 4th January 2021. The Blessing of the College also was conducted as part of it.

## Celebration of Patron's Feast



The Feast of our Patron was celebrated on 4th January 2021. Fr. John Vilayil, Bursar handed over a cheque for Rs.10 lakhs, to His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos Major Archbishop of Trivandrum on behalf of the Campus Community, towards the Charity Fund.

## IBM-MBCET MoU

MBCET has signed an MoU with IBM India Pvt Ltd for conducting internationally valid Training Courses for students. The study materials will be prescribed by IBM India and the mode of delivery will be either on campus or online. Practical sessions shall also be conducted as per the training curriculum. Participants will get professional Certification and Digital IBM Badges on successful completion of the course. Following are the details of enrolment:

Registered Participants	Course Code #	Course Name / Description
100	CESAA11N	IBM CE - Artificial Intelligence
50	CESACS11N	IBM CE - Cyber Security
50	CESADS11N	IBM CE - Data Science





## Students' Achievements

### IPA Quiz winners



IPA MBCET Student Chapter conducted IPPL 2020-2021, weekly quiz session and the

winners are **Arsha Ajith**, **Kevin Mathew** and **Vishnupriya Nair** from S5 CE1. They were awarded with a cash prize of Rs 5000/- each.

### HackX Winners

Computer Society of IEEE NITC SB and IEEE NSSCE SB conducted HackX, the Christmas Hackathon event. The event witnessed active participation from teams all over India. Our team hack Overflow consisting of **Kesia Mary Joies** (S5 CS1) & **Rahul Sunil** (S5 CS1) won the first prize of Rs.5000/- for the idea Bank Easy.



**Jeswin Wilson** (S7 ME1) got admission for Masters in Mechanical Engineering at Thayer School of Engineering at Dartmouth College, Hanover, New Hampshire, USA (Ivy League).

**Vaisakh V** (S7 ME2) got selected for winter internship (online mode) at Dept of Space Engg & Rocketry, BIT Mesra in the field of Aerospace Engineering. He got selected from the pool of applicants based on his research proposal.



### ISTE- Webinar

The Placement Cell, Dept. of ME in association with ISTE MBCET arranged a webinar on 7th January 2021 as part of its career orientation talk series for 'Final' and 'Pre-Final' year Mechanical Engineering Students.

**Dr. Saji Gopinath**, VCIITMK

Professor, IIM Calicut was the Resource Person. The topic of the webinar was 'What next after Mechanical Engineering?'



### IEDC

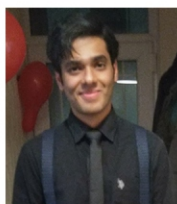
Catalyst Mar Baselios IEDC in association with IIC organized "Sochh- A thought to Share" by **Mr. William George**, CEO, Catalyst IEDC on 6th January 2021. The session titled 'Tale of a Baselian' witnessed a participation of 100 members

including students and faculty members.



### Alumni Achievement

**Rejoy James** (2015-19) Dept. of ME, represented Bangor Business School, Bangor University, UK along with his team in the UBC Global Masters Postgraduate Challenge and got qualified for the finals which is to be conducted on 10th March. He has also been conferred to receive the Bangor Employability Award (Masters), on 31st January 2021.



## Expert Talk



**Dr. Tessa Mathew** (Head and Assoc. Prof. CS) delivered a talk on 'Reinforcement Learning' for the STTP on 'Recent Advances and Research Domains in Machine Learning', organized by the Department of CS,

LBS Institute of Technology for Women on 2nd January 2021.

**Mr. Arun. J. S.**, Asst Prof. of ECE, delivered a talk on 'Design Thinking for Product Innovation' as part of the 5 day National Faculty Development Programme (FDP) organized by Dept of ME, College of Engineering Trivandrum, on 6th January 2021.



### UBA Outreach Activity

The UBA Unit of the College distributed 100 Covid kits (400 Masks & 100 sanitisers) to the students of Govt. Boys High School, Kanyakulangara on 6th January 2021 and released a video about the Covid preventive measures for the students. Mrs. Beena J M President; Mr. Jaganathan Vice President and Mrs. Vasanthakumari, Member of Vembayam Gramma Panchayath, Mr. Abdul Hakkim Head Master, Mr. Ashraf PTA President of the school, Fr. Bitty Mathew, Student Counselor, MBCET were present at the meeting of distributing the Covid Kit. **Mr. Vinu V**, Asst. Prof. of S & H and Staff Co-ordinator UBA and Ms. Anuja G J Student Secretary UBA, coordinated the activities. The Paper Bags were made partly with the support of Nature Club and IET with the assistance of Ms. Jomole Joseph, Ms. Lekshmi I, Ms. Gayathri K and Mr. Melvin Jacob.



### National Green Tribunal Project for Rejuvenation of Kerala Rivers

In accordance with the Hon'ble National Green Tribunal (NGT) order OA No.673/2018, the Irrigation department; Govt. of Kerala has assigned the Malekkadu to Thiruvallam stretch of the Karamana river to MBCET for the preparation of Detailed Project Report (DPR) vide order No. PL2/15862/2019 dated 5 January 2021. This task will be an integral part of the Performance Appraisal and Annual Confidential Report 2021. The College is permitted to take up necessary activities for the completion of DPR for pollution abatement of the river, before 28 th February 2021. The Nodal Officer from the Irrigation Dept. is Shri P.K. Balachandran, Executive Engineer, Irrigation Division, Thiruvananthapuram. Mob: 9447450809, email: ceirrigationtvp@gmail.com



## Roof Top Solar Power Plant



The first Solar Power Plant with a capacity of 100 kWp was commissioned in April 2013, and the second one of 100 kWp in August 2018. The total project outlay was approximately Rs.267.00 Lakhs. Currently, the power is fed to the grid during off-load times and holidays. It is observed that the Utility's bill amount is remaining without much increase in spite of the increased usage of electricity on the campus. The significance of the venture can


be understood if we look at the carbon footprint caused by the conventional methods of electricity generation. One unit of electricity generated through thermal generation may cause the emission of 450 grams of carbon dioxide (CO<sub>2</sub>) (<https://www.eia.gov>). Our power plant has helped in reducing the CO<sub>2</sub> emission by 6.75 tons in a single month. Our plant is installed and maintained by M/s Radiant Solar Pvt. Ltd, Plot No. 15 Fab City, SEZ- Hyderabad. The scheme was supported under the Solar Mission of the Government of India through the Ministry of New and Renewable Energy (<https://mnre.gov.in/>).

### Expert's Column



As more and more organizations move towards customer focused model, agile methodology finds its way to various industries. Be it manufacturing, IT, banking or telephony more businesses are practicing agile to deliver better, faster. In this context, the role of Scrum Master acting as servant leader becomes crucial in squads' success in meeting release, delivery timelines. Colleges and Bachelor programs are a good foundation to put-to-practice and groom oneself with essential skillsets needed for this role - facilitator, supporter and being a protector of the squad.

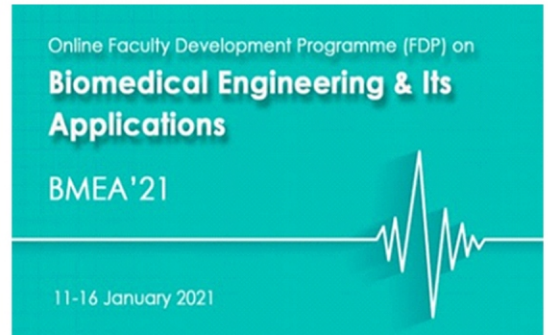
**Dhanya Sivasankaran**  
Lead Consultant@Amaris Consulting

Training And Placement	
Company	Additional Shortlisted Candidates
 	8

Reading maketh a full man, conference a ready man, and writing an exact man..

- Francis Bacon

### Upcoming Events



### TENSORZ CLUB



Registration Link:  
<https://forms.gle/Um6dpTusdrGmYcuT8>

Contact:  
Aaditya-9567618093

### ISTE State Faculty Convention

23rd January 2021  
for details: <http://mbcet.ac.in>

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