



# 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



Every year March 22 is celebrated as World Water Day. Our Institute also celebrated the day by conducting a Poster competition for students with the theme of Water Conservation under the aegis of Water Management Cell. Also a webinar was conducted on 'Water Resources of Kerala—Development Issues and Strategies' for the benefit of faculty and students. Water is precious and we need to protect the resources. Another important event was the seminar which was conducted on National Education Policy 2020 on 23 March 2021 to ponder over the opportunities being opened up in our country because of the advent of new education policy. Since the aim is national self reliance and universalization of education everyone will have a stake in the new development. College finds itself at the beginning of the new realm. Our look out shall be to impart the skill and knowledge by which we can ensure the complete 360-degree education. I am happy to say that, our M.Tech first semester examination under the autonomous scheme have been started this week. This is the beginning of a New Era for the College and we all shall work together for achieving the desired learning outcomes and a holistic development of each and every student.

**Dr. Abraham T Mathew**

## Expert Talk



An interactive two-hour session on 'Course Delivery Cycle' was conducted by the Teaching Learning

Centre on Saturday, March 20, 2021. The resource person was Professor **Edamana Prasad**, IIT Madras. He summarized the -

## Seminar on National Education Policy 2020

A seminar on 'National Education Policy 2020: New Challenges and Opportunities for Technical Education in the Context of Autonomy' was conducted by the Teaching Learning Centre on March 23, 2021. The Chief Guest and Keynote Speaker for the session was **Padma Vibhushan Dr. G. Madhavan Nair** (Former Chairman, ISRO). **Dr. Dilip Sharma**, Professor and Former Dean (MNIT, Jaipur), the AICTE panelist and **Dr. Prashant B. Maheshwari** (J.D College of Engineering and Management, Nagpur), the Guest of Honor addressed the faculty members online.



- different phases of the Course Delivery Cycle. More than 100 faculty members participated in the session. The workshop induction was held earlier from 15 to 20 March 2021.

## Students Attended Conference

Krishnanunni A K, Arjun S S, M I Ahzan , Revathy Manoj, Nidhi C R, Vivekanand R P, Naveen Abraham Cherian, Advait J Nair of S8 CE and Aiswarya Lekshmi H R, Bijitha B R, of M2 SE attended the Kerala State Conference of the Builders Association of India, on 19 March 2021 at the Residency Tower Trivandrum. **Mr K V Abdul Azeez**, Chairman and Managing Director, Skyline Builders delivered the key note on 'Professionalism of Business, Cost Control, MIS Reports, Scaling UP, Succession Planning'.

## Paper Presentation

**Ms. Parvathy U**, Asst. Prof., Dept. of Civil Engineering, presented a paper titled 'A critical review on mechanical and thermal buckling of functionally graded plates' in the International Conference on Advancements and Innovations in Civil Engineering (IC-AICE-2021) organized by KDK College, Nagpur and IFERP held from 18 to 20 March 2021.

## FDP Resource Person

**Mr. Niyas K. Haneefa**, Asst. Prof., Dept. of ECE, delivered the sessions on the topics 'Emerging Technologies in Wireless Communication' on 16th March 2021 and '5G Evolution' on 17 March 2021, as part of the 5 day virtual FDP on Emerging Technologies in 5G, organized by Govt. Engineering College Palakkad.



**Dr. Nidhi M. B.**, Asso. Prof., MED took a session on 'Professional Ethics for Teachers' as part of AICTE - ISTE Induction Training Program for teachers on Effective Teaching, organised by MCET Anad, Trivandrum on 22 March 2021. She was also the Chief Guest for the Valedictory Function.

**Mr. Jomy Joseph**, Asst. Prof., Dept. of CE gave an online session on Awareness about sign language to faculty and students of Kuriakose Gregorios College, Pampady on 19 March 2021.



## Expert Talk



**Revathy Sivanandan** (Alumna, 2007-2011 of ECE), Research Scholar Dept. of ECE, delivered a talk on 'The Role of Technology in Sports Training and Coaching' as part of the FDP organized by the Directorate of Sports & Youth Affairs, Kerala, held at G.V. Raja Sports School, on 18 March 2021.

## Industry-Institute Collaboration

**Dr. Sreedevi P. and Mr. Shiras S. N.** (Asst. Prof., Dept. of ECE) visited **Vinvish Technologies Pvt. Ltd.** in Technopark as part of the Industry-Institute Collaboration. The company



is a DSIR (Govt. of India) approved R&D centre with a solid R&D foundation. On 24 March 2021, a meeting with Vinvish Technologies and the faculty of the ECE Department was held. **Mr. Pius Varghese**, Chief Operating Officer, **Mr. Ignatius**, and **Mr. Jijo** from Vinvish spoke on the occasion.

## Talk on 5G

**Ms. Swapna P.S.**, Asst. Prof., Dept. of ECE, delivered a session on 'Beam management in 5G' on 22 March 2021, for the faculty members.

## Publication by Alumnus

**Rithin Skaria**, Alumnus 2011-2015 Batch ECE, currently working as Azure Cloud Engineer at Microsoft, co-authored, the book titled 'Hands - on Linux Administration on Azur',

## Alumnus Start-up

**DOTSPACE** is a chain of coworking spaces founded by **Ajay Jose** (2008-12 CS). **DOTSPACE** has its spaces at Thiruvananthapuram and Ernakulam. Contact: 9447325886, [contact@dotspace.work](mailto:contact@dotspace.work)

## Wie Can Winners

Team 'EcoRich Technologies' comprising **Vishnu P. Kumar** (S5 EC2), **Miladh Muhammed** (S5 EC2), **Brigitta W.L.** (S3 EC1) and **Akshai R.K.** (S7 EC1), guided by **Mr. Arun J.S.**, Asst. Prof., Dept. of ECE, won the first prize in the idea presentation competition Wie Can organized by IEEE Women in Engineering (WIE) society of MBCET on 6 March 2021. Team comprising **Gautham G.B.**, **Jayadevan V.**, **Bharath Chandran R.** and **N. Nihal** from S1 EC2 secured the second prize and **Nicol Theresa Sunny** (S1 CE1) secured the third prize for the event.



## Zentangle Art



A picture of Toucan bird hand drawn by **Ms. Revathy Sivanandan** using Zentangle method of drawing. Zentangle method of drawing is a relaxing, and fun way to create beautiful images by drawing structured

patterns called tangles. Tangles are created with combinations of dots, lines and simple curves called as the 'Elemental Strokes' in all Zentangle art.

Picture Courtesy: Ms. Revathy Sivanandan, Research Scholar, Dept. of ECE.

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## Environment & Water Management Cell

The following Programmes were conducted:  
(1). A Webinar on the topic 'Fundamentals of GIS and its Applications' on 27 March 2021 by **Dr. Venkata Reddy**, Asso. Prof. Dept. of CE, NIT Warangal. (2). A Webinar on 'Water resources of Kerala - Development Issues and Strategies' on 22 March 2021 in account with world water day. The session was handled by **Dr. Dineshan V. P.**, Retd. Senior Principal Scientist, CWRDM Kunnamangalam.

## World Water Day

World Water Day, held on 22 March every year since 1993, focuses on the importance of freshwater. The theme of World Water Day 2021 is valuing water. 'Value of water is much more than its price. It is our most precious resource, a 'blue gold' to which more than 2 billion people do not have direct access' says Director General of UNESCO, Ms Audrey Azouley. At this juncture, we can also take a pledge for using water efficiently without wasting a single drop. One can visit the website <https://www.worldwaterday.org/> of UNO and post stories about water. (Read more at UNO's website <https://www.un.org/en/observances/water-day>!)



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