



MBCET e-bulletin

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

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Principal's Desk



March 8 is the International Women's Day(IWD) that marks the importance of the roles of women in humanity. It is a global day celebrating the social, economic, cultural and political achievements of women. The campaign theme for IWD 2021 is seen as #Choose To Challenge. It is a call for the individual to challenge some deeds and practices to cause a change for the better; the loud thinking could then lead to change. In a developing world, change is imperative and inseparable from the progress, otherwise the progress will make certain things or sections irrelevant, as Kumaranassan the renowned Malayalam poet said. MBCET has also contributed its part towards the commemoration of IWD 2021. Women's Studies Unit had taken the lead in this regard and the special compliments are due to the team.

It is the examination season for the students and we are very fortunate to conduct the examinations without any troubles of the pandemic. The session will be over only by the end of April so that we can cover all the batches, including the 2020 admissions. Let the providential guidance be with us to sail smooth till we finish all the examinations of the current season as per the schedule.

Dr. Abraham T Mathew

National Science Day Celebrated

On February 28, National Science Day, ISTE conducted a caption writing contest 'Perspectra' based on the theme Science and Technology. **Jubin Jose S3 CSE** was the winner. Congratulations!



Alumnus Start-up Achievement



3 startup entrepreneurs receive central funding for waste mgmt

Fariq Naushad, Anuprasad S G and Ardra S Nair received a funding of ₹14 lakh from BIRAC

ENTREPRENEUR & THEMES

IN just another boost to the Kerala's startup ecosystem, the Union government has selected three more IT startups in the state to provide funding and mentorship support. The startups have been chosen considering their impact to the public with regard to waste management and generation of value-added products from waste.

Entrepreneurs Fariq Naushad, Anuprasad S G and Ardra S Nair have received a funding of ₹14 lakh from BIRAC, the technology research assistance council, a public sector company of the Department of Biotechnology, Government of India. Chennai-based incubation company Village Innovations will provide mentorship support.

The startups received the recognition at the annual fellowship programme hosted by BIRAC, which aims to identify social innovators who can address the country's problems. The firm has been selected from a pool of over 1,000 applications received from across the country.



Fariq Naushad and Preethi Jacob Ardra S Nair Anuprasad S G

tailenders. The duo, who has been associated with the startup ecosystem since 2015, has been exploring their passion for entrepreneurship for gaining experience from markets in India and abroad.

Fariq was chosen for the funding based on their research, based on their research with a focus on the agricultural waste. According to the startup, fruits and vegetables worth every year.

Fariq and Preethi will be creating an app-based waste management project to deal with this issue with two others - Anuprasad, founder of Kozhikode-based Urvy Green Biorefinery Pvt Ltd, and Ardra, who found

at Haripad based Ecology 360. While Ardra's firm focuses on creating bio-containers using cast fibre extracted from POC, tulleed cow manure. Anuprasad focuses on the biodegradable food waste from households and small businesses. His solution is a plug flow bio-digester for converting food waste into biogas and liquid manure. To further, their focus will be on providing value to the waste accumulated across different sectors. "Our solutions will help the people of India look at waste from a different perspective," said Fariq.

Now, with this BIRAC initiative, these entrepreneurs will receive ₹14 lakh in mentorship support in a month period and ₹1.5 lakh on a monthly basis. In addition to an amount of ₹3 lakh to kickstart the project.

In the mentorship support programme, professionals like Gowtham Sridharan, Brijesh Ananth Aravamudan and others as experts from Village will help them evolve the business model and provide market connections.

Greenikk Sustainable Ventures Pvt Ltd. The startup by MBCET Alumnus **Mr. Fariq Noushad** (CSE 2011-2015). Received a grant funding of Rs.14 lakhs from Central Government (BIRAC). The startup received the

recognition at the annual fellowship programme hosted by BIRAC, which aims to identify social innovators who can address the country's problems. The team has been selected from a pool of over 1,000 applications received from across the country. Congratulations!

National Quiz Winner

C. Harikrishna Sharma of S5 EC2, won the First Prize in the National Level Quiz Competition organized by C.K.M Arts and Science College, Warangal on 26 November 2020. Congratulations!



Ingress Hackathon Winners



ISTE MBCET Students' Chapter was the Community Partner of Ingress Hackathon 2021, a one week long hackathon programme with webinars, workshops and competitions. ISTE also headed the Ingress Student Partner

(ISP) programme as part of Ingress 2021. Ansen Lovejen Thomas, Anna Paul and Karthik Pradeep P secured the first, second and third positions of ISP programme respectively.

International Mother Language Day

ISTE MBCET Chapter has also conducted an event 'Translator' on 21 February 2021 in accordance with International Mother Language Day and **Devika A Nair** of CSE was the winner. Congratulations!

WSU

Women's Studies Unit (WSU) MBCET, as part of Women's Day organized a Symposium on the theme 'Arise, Awake, Anew : Equal Future', on 5 and 6 March 2021. Principal, **Dr. Abraham T. Mathew**, inaugurated the Symposium. Faculty Coordinator: **Ms. Sheenu P.**, Asst. Prof., Dept. of EEE. Design Team Head : **Ms. Teena Rajan**, Asst. Prof., Dept. of ECE. Student Coordinator: **Ms. Anakha Ajith.**



Women's Studies Unit (WSU) MBCET in collaboration with IEEE Women in Engineering (WIE) MBCET, organized a talk on 'Women empowerment' on 8 March 2021, on the occasion of International Women's day. The speaker : **Dr. Divya S. Iyer**, IAS, Mission Director, Mahatma Gandhi National Rural Employment Guarantee Scheme. 74 participants attended the session.

The following are the details of the events organized in the Symposium: **Event 1- Interactive Session**

Topic : *Life Skills for Equal Future*. Resource Person : **Dr. Sheena G. Soman**, MBBS, DPM , DNB psychiatry Consultant Psychiatrist Mental health care , TVPM. Faculty coordinator: Dr. Nidhi M. B., Asso. Prof., Dept. of ME. Student Coordinator : Ms. Soorya Redhnanakaran. **Event 2 - Panel Discussion** Topic: *Campus Interventions for Gender Equality*. Panelists: **Dr. Beela G.K.**, Asso. Prof. KAU, Vellayini; **Shri.V. Santharam IPS**, Retired IG of Police, Kerala State; and **Dr. Nirmala George**, Advisor of Sixth SFC, Govt. of Kerala. Moderator: **Dr. Leela Kumari P.**, Retired Faculty of IMG, Govt of Kerala. **Event 3 - Hasyayoga**. Resource Person : **Mr. K. L. Sebastian**. Faculty Coordinator: Ms. Devipriya V.S. Asst. Prof., Dept. of CE. Student coordinator : Ms. Greeshma D.G.

Event 4 - Interactive talk Topic: *Women in Leadership Achieving an equal future in a Covid-19 world* Resource Person : **Ms. Archana Gopinath**, Founder of the Reading Room, TVPM. **Event 5 - Competency Test** Topic: *Emotional Intelligence* Faculty coordinators: Ms. Anjali C and Ms. Divya R. S., Asst. Prof. Dept. of CSE. Student coordinator: Ms. Anakha Ajith. **Event 6 - Interactive session** on the topic Digital Safety and Security for Women by Ms. Jaya G Nair,

Former head of Programme Planning and Evaluation Division, VSSC, ISRO. Faculty coordinator: Ms. Bindu Biju, Asst. prof., Dept. of CE. Student coordinator: Ms. Malavika M.U. **Event 7 - Alumnae Interaction** Topic: *Women in power change the world*, Alumnae Panelists: Ms. Achala J S (CE), Ms. Chithra Somanath (CS), Ms. Sherin Rajan (EC), Ms. Remitha Mathew (EE), Ms. Arathy Krishnan (IT) and Ms. Sheena Shaji (ME). Faculty Coordinator: Ms. Joemol Joseph, Asst. prof., Dept. of EE and Dr. Veena Nair Asst. prof., Dept. of S & H. Student coordinators: Ms. Gayathri U. and Ms. Devika M.M.

EYSL Fest

ISTE MBCET Student's Chapter conducted the EYSL Fest on 6 and 7 February 2021.

ISTE Women's Day Digital Cards

ISTE MBCET Student's Chapter in collaboration with Automata MBCET created and distributed digital cards wishing the female faculty of MBCET on the occasion of International Women's Day on March 8.

International Conference Panelist

Dr. Nidhi M. B., Asso. Prof., MED was a panellist of the 11th Annual International Conference on Industrial Engineering and Operations Management, Singapore, on 9 March 2021. Prof. Donald M. Reimer, Leon Linton Dept. of Mechanical, Robotics and Industrial Engineering, Lawrence Technological University, USA - Panel Chair, Dr. Manuel Woschank, Montanuniversitaet Leoben, Austria and Dr. Erwin Rauch, Asst. Prof. Free University of Bolzano, Italy were the Co- Panelists. Dr. Nidhi was also the Resource Person for the webinar on 'Professional Ethics Instilling Values' organised by the Ethics Committee and ISTE Faculty Chapter of Thejus Engineering College, Thrissur on 6 March 2021.



Training in GPS Survey



The Department of Civil Engineering conducted a hands on training session on GPS enabled Total Station Survey, from 8-12 March 2021. The training was conducted for faculty, technical staff and students to make them aware of advanced Surveying.

Alumni News : PG Admission Secured

Ms. Anu Thomas (Alumnus ECE, 2015-2019), secured admission to University of Windsor, Canada, for Masters in Electrical and Computer Engineering. Congratulations!



Mr. Mobish Abraham Shaji, Alumni of MED (2015-19 Batch) has got an Admission offer from Drexel University in Philadelphia, US for MS programme in Mechanical Engineering. Congratulations!



Ms. Aparna S. (Alumnus, ECE 2014-2018), secured admission to University of Kaiserslautern, Germany, for Masters in Embedded Systems. Congratulations!



Mr. Alen Varghese Ninan, Alumni of MED (2016-20 Batch) has got admission for Masters in Mechatronics at Vilnius Gediminas Technical, Lithuania. Congratulations!

Chiri Club Event

CHIRI Club of MBCET had conducted a live Chiri Yoga session by **Mr. K.L Sebastian** (Chiri Yoga Master) on 5 March 2021. Many Faculty and Staff members participated in the event. The event was co-ordinated by the CHIRI Club Faculty in Charge, Mr Ayswer A S.

Upcoming Event

The Dept. of ECE is organizing a 5-day Hands on workshop on ‘Simulation and Implementation of Digital Circuits (SIDC’21)’ during 15 – 19 March 2021. SIDC’21 is a staff training programme in which Faculty and Technical Staff from AICTE approved engineering colleges are eligible to apply. Co-ordinator: **Ms. Ann Mary Alex**, Asst. Prof., Dept. of ECE. Registration link : tiny.cc/SIDC21

ISTE Event Posters



Maximum Output from Limited Source

A message to Student Community and reminder about the need for Agriculture

WSU Symposium Posters



Photo: Tapioca Yield from Campus farms

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