



IET-MBCET ON CAMPUS CHAPTER
ANNUAL REPORT (2020-21)

IET MBCET ON CAMPUS

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IET PROFESSIONAL SOCIETY

The IET (Institution of Engineering and Technology) is one of the world's largest engineering institutions with over 1,70,000 members in 150 countries and the most multidisciplinary – reflecting the increasingly diverse nature of engineering in the 21st century. It works to engineer a better world by **Inspiring, Informing and Influencing** our members, engineers and technicians, and all those who are touched by, or touch, the work of engineers.

Marking its origin as Society of Telegraph Engineers from 1871, the IET celebrates its **150th year in 2021**.

IET Values:

Integrity - Operate professionally and ethically to gain trust. Be open and honest with each other. Respect everyone and value each other's contribution.

Excellence - Work towards the highest level of service and satisfaction. Use agile methods and seek innovative solutions to add value. Continually improve and adopt best practices.

Teamwork - Encourage staff and volunteers to work together. Recognize the value of talented individuals working in teams. Be collaborative and partner with other organisations.

IET MBCET ON CAMPUS

THE IET-MBCET ON CAMPUS CHAPTER was re-inaugurated on 23rd Aug 2016, with 60 new Student members and 2 Faculty members from Dept. of EEE. Since then, the chapter has grown to be a driving force for many young aspiring engineers in and around Trivandrum, providing quality opportunities. The chapter has had more than 200 members from EEE, ECE, CSE and ME streams since its inception in 2016 and is an integral part of IET Kanyakumari Local Network. It is actively involved in **Inspiring, Promoting and Guiding** its members and non-members in their professional and personal growth through Skill Development programme, Outreach activities, Life Skill programmes.

IET MBCET Faculty Coordinator: Ms. Jomole Joseph P

IET MBCET Faculty Advisor: Ms. Elizabeth Varghese

Faculty Members: Dr. Nisha G K, Ms. Sheenu P, Ms. Soumya A V

Students Members: 59 members from EEE, ECE, CSE and ME Dept. in 2020-2021

IET Administrative roles for 2020-21

IET MBCET and Outreach 150 Office Bearers

Administrator	:	Ms. Jomole Joseph P (Faculty Coordinator, EEE)
Head of Operations	:	Mr. William George (S8 ME)
Marketing Head	:	Mr. Noel Jacob (S8 EEE)
Chief Strategy Officer	:	Mr. Balu Bijubal (S8 EEE)
Secretary	:	Mr. Ashwin Abraham Thomas (S8 ECE)
Financial Officer	:	Ms. Gowri Muralikrishnan (S8 CSE)
Public Relations Manager	:	Ms. Deepthi G.A. (S8 ECE)

IET Administrative roles for 2021-22

Chairperson	-	Vaibhav K	(S6 ECE)
Vice Chairperson	-	Rahul Sunil	(S6 CSE)
Secretary	-	Anandhu Rajesh	(S6 ECE)
Joint-secretary	-	Karthik Pradeep P	(S6 ECE)
Treasurer	-	Devika M. M	(S6 EEE)
Joint Treasurer	-	Megha M B	(S6 CSE)
Creative Officer	-	Mohammed Shahan	(S6 CSE)
Social Media Manager	-	Anashwara Binod	(S6 ME)

IET KKLN Awards 2020-21

The IET KKLN Awards for 2020-21 was declared on December 23rd, 2020 during the Annual General Meeting of IET Kanyakumari Local Network.

The IET MBCET chapter received **Premier IET On Campus Award**.

Other awards received:

Best On Campus Faculty Advisor Award	-	Ms. Jomole Joseph (Asst. Professor, EEE)
IET KKLN Man Engineer Award	-	Mr. Aravind A. (Alumni, 2016-20)
IET KKLN Woman Engineer Award	-	Ms. Sanjna Pramod (Alumni, 2016-20)
Outstanding Engineer Award	-	Mr. William George (S7 ME), Ms. Deepthi G A (S7 ECE)
Gladiator Award	-	Mr. Noel Mathew Jacob (S7 EEE)
Shining Star Award	-	Mr. Balu Bijubal (S7 EEE)

IET MBCET ACTIVITIES FOR 2020-21

(July 2020 – June 2021)

1. IET MBCET Skill-X programme

The Skill-X is a domain focused initiative by IET MBCET On Campus to enhance the technical skills of students and improve their employability skills.

- 1) A talk on “How to prepare for Final year Project” was delivered by Mr. Shino G. Babu, Managing Director, Tiera Pvt. Ltd. on 20 February 2021 from 3:00 PM to 4:00 PM, as part of IET MBCET SkillX programme.

The faculty coordinators were Ms. C Sojy Rajan and Ms. Jomole Joseph P. The event coordinators were Rahul Sunil (S5 CSE), Ahalya S (S5 EEE) and Devika M M (S5 EEE). Around 75 participants from all branches, which included students from S1 and S5 and few alumni, participated in the programme.

- 2) A 12-hour Hands-On workshop on the Basics of DIALux – Lighting Design Software was conducted from 17th June 2021. The course was organized as a Value added course for the Elective subject “Illumination Engineering”, for S6 EE students. The workshop was handled by Resource person - Mr. Adhitya S (Alumni, EEE), specialized in Architectural Lighting Design. The Faculty Coordinators for the program were Ms. Jomole Joseph and Ms. Jeneena Babu. Student Representatives were Ms. Devika M M (S6 EE2) and Mr. Amal R Krishnan (S6 EE1)

2. Fine Tune Talks

A series of personality development talks conducted by IET MBCET On Campus, the Fine Tune Talks engage the audience on topics that help to add value to their professional skills. The speakers invited so far were:

- 1) Mr. Joseph John Panicker (Alumni, EEE) on 19.09.2020 - Topic: Acing an Interview
- 2) Ms. Ashwini A Kammath (Alumni, EEE) on 20.09.2020 - Topic: Creating a Resume
- 3) Ms. Gouri A V (Alumni, ECE) on 21.09.2020 - Topic: Branding Yourself
- 4) Mr. Tom Thomas Theckel, Facilitator, Lead Training Consultant and Regional leader for VIVO India delivered a talk on How to Stand Out in a Group Discussion on 17.02.2021. The Webinar was open to first year students of Department of Electrical and Electronics Engineering.
- 5) Mr. Sachin Satheesh Kumar (Alumni, EEE), Former Research Associate from Aerospace Department, IIT Kanpur, and presently Online Tutor at Course Hero, Redwood, California, USA delivered a talk on 26.06.2021 . Topic – Reignite the Spark within you.

3. Outreach 150

For celebrating the 150th year of IET, the UK headquarters had opened a Global Engagement Fund asking proposals from all over the world for events pertaining to Sustainability. Based on that theme, IET MBCET Student chapter had also submitted a proposal, called the IET Outreach 150, an initiative to reach out to the community to extend our skills as well as to learn how the engineering fraternity can make an impact or change, for a better and sustainable living among those in need.

The IET MBCET On Campus proposal on Outreach 150 is one among the 4 that got selected from India. The chapter looks forward to work with associations like the UBA, NSS etc existing in the College towards initiatives that involve Sustainable well-being and also establish the necessary tie-ups with Govt. agencies, private companies for establishing better connection with the society.

▪ **MoU signing of MBCET with Vydyuthi Energy Services**

On **3 December 2020**, the IET MBCET On Campus crossed a new milestone, with the signing of the MoU between MBCET and Vydyuthi Energy Services (VES) for the collaborative venture of IET Outreach 150.

Dr. Abraham T Mathew, Principal MBCET and Ms. Indira Babu, MD of VES exchanged the signed documents marking the start of our collaboration with Alumni start-ups towards shaping a better and brighter future.

IET MBCET family is proud to collaborate with Vydyuthi Energy Services (VES) led by its Founder and our Alumni, Mr. Anoop Babu, (EEE 2003-07) for this venture, as our mutual vision is to work towards the UN Sustainable Development Goals. The VES company is listed in United Nations Women Empowerment Program thus ensuring official support of UN in all their activities oriented towards enhancing women capabilities. The company is engaged in collaborative efforts with IET MBCET for initiatives pertaining to the UN SDGs.



IET MBCET signing MoU with VES

▪ **MBCET-KILA Agreement**

The IET Team visited the Kerala Institute of Local Administration - KILA Director General on 23 December 2020) and discussed about MBCET-KILA collaboration for Outreach 150. The idea was approved, and extended willingness for working together with MBCET. An MoU has been signed between MBCET and KILA on this regard on **19 March 2021**.



IET MBCET Team Visit to KILA

▪ **On-Site visit to Pirappancode village**

On 29th March 2021, the Chairman and the Secretary of IET-MBCET, Mr. William George and Mr. Balu Bijubal visited Pirappancode, to get a brief idea about the geography and its possibilities, the local socio-economical and political climate, and the demography.

The visit threw light on some factors in the village which the team plans to bring more focus on, such as the (i) waste management, (ii) awareness campaign on air pollution caused by quarrying, which is one of the major sources of income for the community and (iii) sustainable methods to provide electricity in low income communities.

4. Online FDP

A six-day Online Faculty Development Programme on **Performance Improvement in Smart Grid using Artificial Intelligence Techniques PISGAI 2020** was organized by the Department of Electrical & Electronics Engineering, Mar Baselios College of Engineering & Technology, Trivandrum, from 23 - 28 November 2020. The programme was **sponsored by the Institution of Engineering and Technology (IET), KKLN**. About 103 participants from various institutions including faculty, research scholars and UG/PG students registered for the course. **Ms. Sheenu P. and Ms. Soumya A. V.** were the coordinators of the programme.

5. INGRESS

Over 19 students participated in the search to find the next office bearers of IET-MBCET. Ingress happened as a series of interviews, which were held on the 6th, 7th and 8th of January. The online stages of the programme was over by March 28th, 2020. Owing to the pandemic situation, the offline interview phase couldn't be conducted. It was later conducted online and the final result was finally published on May 1st, 2021.

6. STUDENT INDUCTION PROGRAMME (SIP) 2020

The Student Induction Programme for the first-year students was conducted from 17 to 27 November 2020. The faculty and student representatives representing IET MBCET, explained the purpose and activities of the IET professional chapter actively working in the college on 18th November 2020.
