



IET-MBCET ON CAMPUS CHAPTER
ANNUAL REPORT (2019-20)

The IET is one of the world's largest engineering institutions with over 168,000 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.

THE IET-MBCET ON CAMPUS CHAPTER

The chapter with around 200 members from EEE, ECE, CSE and ME streams and 6 faculty from EEE is an integral part of IET Kanyakumari Local Network since its induction. 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 programme.

IET Administrative roles for 2019-20

- **IET MBCET Office Bearers:**

Chair:	Mr. William George (S6 ME)
Vice Chair:	Mr. Noel Jacob (S6 EEE)
Secretary:	Mr. Balu Bijubal (S6 EEE)
Jnt. Secretary:	Mr. Ashwin Abraham Thomas (S6 ECE)
Treasurer:	Ms. Gowri Muralikrishnan (S6 CSE)
Jnt. Treasurer:	Ms. Deepthi Anilkumar (S6 ECE)
Social Media & Online PR Manager:	Ms. Vaishnavi Ganesh (S6 ECE)

IET MBCET Activities for 2019-20

DIALux Lighting Design Training

A Lighting Design training using DIALux software commenced from 25th October, 2019, organized by IET-MBCET and ILLUMINA. The 50-hr course is handled by trainer, Mr. Adhitya S (Alumni of EEE, 2014-18) working as Content Strategist for SODFOS, an Engineering Consultancy founded and run by MBCET EEE Alumni Mr. Daniel Varghese (2009-13). 14 students from Final year EEE, ECE successfully finished the training with a project assignment which was completed online during the lockdown.

IOT India Congress

A 7-member student delegation and 1 faculty (Ms. Jomole Joseph) from MBCET attended the IOT India Congress in Bangalore, a 2-day International Conference on IOT and its applications. The event had speakers and delegates from all across the world.



NEXUZ - International Summit

A whole new idea conceived and organized by IET MBCET, **NEXUZ** aimed to connect Engineering with several Non-Engineering fields providing a common platform for engineers to explore job and research opportunities thereby contributing to the technological advancements in various fields.

The Nexuz Sportsweek was launched as a Promotional event for NEXUZ'19 and conducted from August 5th - 10th, 2019. It showcased Chess and Football tournaments for schools, colleges and public. The event was officially inaugurated by Chief guest – Mr. Mohammad Salih P K, Silver medalist at the Asian Para Games 2018, Men's Team Rapid Chess event, International Visually challenged chess player.

NEXUZ'19, The 2-day International Summit on Applications of Engineering in Sports was conducted on 11th & 12th October, 2019. It was jointly organized by MBCET and LNCPE (Lakshmi Bai National College of Physical Education, Kariavattom).



NEXUZ'19 was inaugurated on October 11th by Shri Teeka Ram Meena, Additional Chief Secretary & Chief Electoral Officer, Chief Guest and presided by His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Patron. Dr. T M George, Principal MBCET welcomed the gathering, Mr. Adhitya S, NEXUZ – IET YP Secretary & Event Coordinator gave the NEXUZ'19 Overview, Dr. G Kishore, Principal, LNCPE elaborated about the need for Engineers to focus in the Sports Industry,

Dr. Lenin Fred, IET KKLN Chairman emphasized the need for Engineering a Better World, by reaching out to all diverse fields. The Inaugural session was concluded by Ms. Jomole Joseph, IET-MBCET Faculty Coordinator & NEXUZ General Convener with the Vote of Thanks. Around 200 delegates and participants in and around the state attended the Summit.

The formal sessions of the event were officially opened with the inspiring talk by the **NEXUZ'19 Ambassador of Sports – Mr. Joby Mathew**, Indian International Arm wrestler.



Nexuz'19 comprised of a consortium of 4 major events and few other competitions that connected and ensured active participation of engineering students in the field of Sports engineering.

XPRESS – A platform for panel discussions, included discussion on **Inclusion of Sports Education in Engineering Curriculum** and **Interdependence of various domains of Sports and Issues related.**

XPERT TALKS – the sessions handled by seasoned experts from Sports Industry enlightened the audience on the technological advancements in sports field.

XCEL - A paper presentation competition which served as a looking glass to the technologic and futuristic approach sports require from engineers. 14 participants presented their papers in the Seminar in the fields of Sports Analytics, Sports broadcasting and technology, Sports infrastructure, Sports nutrition and Sports for differently abled. The presented papers have been published in the UGC approved International Journal of Physiology, Nutrition and Physical Education, as a Special Issue, Volume 4, Issue 2S, 2019, ISSN:2456-0057.

XPO – This event comprised of many sub events organized for college and school students – Project Competition, Idea Presentation, Young Presenter and Cycloworld.

Through **Cycloworld**, NEXUZ received widespread acceptance for choosing cycles and the awareness about it as the special theme for NEXUZ'19. Many interesting competitions were held in this event. The Indus Cycling Embassy group brought vintage and unique cycles for showcasing. The SMRI Institute organized the Cycle Repario contest, where the contestants had to dismantle and reassemble a cycle in the shortest time span. Cycle Story - An online contest was conducted where people posted their stories connected with cycle. An informal game on Brain Cycle was also conducted, by which the contestants had to attempt driving a bicycle cycle that turns left if you turn the handle right. The creator of this Brain cycle, Mr. Muhamed Musadhiq also visited the campus to watch the informals.

A visit was organized to LNCPE for the delegates to see various equipment and lab setup in the college, on Oct 11th evening. The MBCET Music Club team of students showcased their talents in the evening at LNCPE.

With the culmination of all these proceedings that lasted for 2 days, the NEXUZ team look forward to make a revolutionary impact in sports industry with the inclusion of technology.

PATW South Asia Finals:

IET MBCET On-Campus received the baton to host the South Asia finals of PATW competition in Kovalam, on 10 August 2019, for the winners of 9 KKLNs. Mr. Aditya Raj (MBCET Alumni, ECE 2015-2019) was one of the contestants for the competition. Ms. Likhita Chandrashekara, of the Bangalore KKLN won the Finals of PATW and represented South Asia in the PATW Global finale.



Doodle Competition:

A doodle competition was conducted on 18th October 2019, for the students of MBCET, on the topic of 'Future Transportation'. Winners were MS. Aishwarya (EEE S7-S8) and Dhanush (CSE S1-S2).

Rec The Tric:

A written Logical Quiz was conducted on 14th February 2020, for Faculty & students of MBCET. Faculty Winner was Mr. Archana A N of EEE Dept. Student winner was Mr. Nikhil Shivashankar of EC (S5-S6) Dept.

IGNIET 2020:

An introductory event for the college freshmens, conducted on 29th February 2020. The event consisted of various activities like, Ice breaking session, Motivational Talk session by Mr. Nithin Jose (Race2IAS Coach) - an entrepreneur, author and coach for IAS aspirants., Hands on session on making an Ornithopter, Reverse Engineering Session, IET Awareness Talk session by Mr. Adhitya S and Ms Ashwini A Kammath (Ex-Chairpersons of IET MBCET) and the event was concluded by a Tabloid session. A total of 39 participants were actively engaged in the event. The event was Coordinated by the IET Core team and organized by the IET Working committee.



IGNIET '20

BE THE
CHANGE



Mr. Nithin Jose

Entrepreneur | Coach | Blogger | Traveller

@iet_mbcet

William :-7902821120

29TH FEB
SATURDAY



PATW College Heats:

The college heats of the Global Competition PATW (Present Around The World) was conducted in MBCET on the 7th of March, 2020. 18 participants from all the branches participated in the Event. Mr. Jobby Johnson arrived as the winner and Mr. Joseph John Panicker as the Runner -up in the college heats.

Faculty Coordinators and Session Chairs of the event were Ms. Sheenu P (EEE) and Ms. Soumya A V (EEE). The student coordinators were Mr. Ashwin Abraham Thomas (ECE), Ms. Gowri Muralikrishnan (CSE), Mr. Amal S (EEE), Mr. Arjun Vinod (EEE).

The entire team and Participants were also supported by Mr. Aditya Raj, Alumni (ECE) and Former PATW Winner of KKLN in 2019 and Mr. Adhitya S, Alumni (EEE) and Ex Chairman of IET MBCET.

The judges for the 1st round conducted in 2 Panels for parallel sessions were Mr. Vishnu Ashok (ME), Ms. Anu Susan Philip (ECE), Ms Ancy S Anselam (ECE), Ms Swapna P S (ECE), Mr. Jobin Joy (CE) and for the Final round were Prof. S Viswanatha Rao (Vice Principal), Ms. Jomole Joseph P (IET MBCET Coordinator) and Dr. Veena Nair (S&H).



Triathlon Event:

A series of 11 online competitions and challenges were conducted by IET MBCET On-Campus from April 3 to April 23, 2020 during the Lockdown. It was very beneficial and informative to the students during the quarantine period. The Competitions and Challenges include

1. Essay Writing Competition on "Crisis can Unite Mankind", 5th April 2020. Winner: Ms Aswathy Mohan, S2 ME2
2. Pan to Plate Challenge, 6th April 2020
3. Blueprint - 2D Structure Drawing Competition, 7th April 2020. Winner: Ms. Adithya V K, S6 CE1
4. Scrap to Craft Challenge, 8th April 2020
5. Fabrigami - Origami making competition using Fabric, 9th April 2020. Winner: Ms. Archa S Sreevidhya, S4 ECE1
6. Picture Paw feet Challenge, 11th April 2020

7. DIY Project Competition for 72 hours, 12th April 2020. Winner: Mr. Vishnu P Kumar, S4 ECE2 (Automatic Handwash, Hardware Project), Mr. Don K Jacob, S2 CSE1 (Covid App, Software Project)
8. My dear Bestie Challenge, 13th April 2020
9. Online Quiz Competition, 16th April 2020. Winner: Mr. Jeevan P Nair, S8 ME2
10. DID YOU KNOW? - Daily Post about IET
11. Motivational Quotes - Daily Post

Webinars:

IET MBCET On-Campus conducted 2 webinars on the following topics:

1. Thermal Power Plants – Mr. Ansha Naji (NTPC, EEE MBCET Alumni 2005-09) on 21st April 2020.
2. The World of Lighting Design – Mr. Adhitya S (SODFOS, EEE MBCET Alumni 2014-18) on 23rd April 2020.

FINE TUNE TALKS

A series of personality development talks were conducted by IET MBCET On Campus and TENSORZ Club, in order to impart sound knowledge in the aspect of Personality Development. This 3-day event witnessed a turn-over of 350+ students and faculty, who were benefited by the experience of our speakers who are now Alumni (2016-20).

Our speakers were:

1. Mr. Joseph John Panicker (EEE) on 19.09.2020 - Topic: Acing an Interview
2. Ms. Ashwini A Kammath (EEE) on 20.09.2020 - Topic: Creating a Resume
3. Ms. Gouri A V (ECE) on 21.09.2020 - Topic: Branding Yourself

OUTREACH@150:

IET MBCET On-Campus was selected by IET (UK) to conduct a 1-year long program, commemorating the 150th anniversary of IET. It is a matter of pride to inform you that we were one of five IET affiliated bodies in the entire South Asia, and the only On-Campus Chapter in India to be selected to conduct this event. We have launched our brand new event, OUTREACH 150. Through this initiative we wish to give back to the society, as we owe our well-being and prosperity to it. We will be unfolding our activities and events keeping two goals in mind. 1. To promote sustainable practices in engineering and non-engineering fields. 2. To celebrate the 150th anniversary of IET.
