



**ISTE FACULTY CHAPTER  
REPORT /SUMMARY OF ACTIVITIES  
JUNE 2023 – JULY 2024**

1. Name of Chapter: **ISTE MBCET**
2. Year of establishment: 2013
3. Committee Members:
  1. Dr. Nidhi M.B. (MED) – Mentor, ISTE MBCET and National Executive Council member
  2. Ms. Asha S. (CSE) - Chairman and Secretary
  3. Ms. Lakshmy S. (ECE) - Treasurer (ISTE MBCET Faculty Chapter)
  4. Mr. Melvin Jacob (MED) - Faculty advisor (ISTE MBCET Student Chapter)
  5. Dr. Soumya A.V. (EEE) - SHE – Ms. Soumya (Charge)
  6. Mr. Deepak B.S. (MED) - Treasurer (Student Chapter)
  7. Ms. Poorna B.R. (CSE) – Faculty in Charge (ISTE MBCET Faculty Chapter)
  8. Ms. Amritha B.J. (ECE) - Faculty in Charge (ISTE MBCET Faculty Chapter)
  9. Ms. Jean Molly Simon (CE)
  10. Ms. Lekshmi Chandran M. (CE)
  11. Ms. Rakhi J.H. (CE)
  12. Ms. Shilpa Susan Peter (EEE)
4. **Membership count from each department**
  - Department of Computer Science and Engineering – 14
  - Department of Electronics and Communication Engineering – 18
  - Department of Civil Engineering - 6
  - Department of Electrical and Electronics Engineering - 16
  - Department of Mechanical Engineering – 14

**Total: 68 members**

## ACTIVITIES/EVENTS

| Sl.No | Event Name   | Date               |
|-------|--|--------------------|
| 1     | Environment day observation  | 5 June 2024        |
| 2     | Webinar on theory of jet propulsion by ISTE faculty chapter.   | 23 May 2024        |
| 3     | A Six Day Hybrid Workshop on 'Frontiers of Mechanical Engineering: Harnessing the power of AI, ML and IOT' | 06 to 11 May 2024  |
| 4     | Talk session on<br>"Art to release, relax, and recharge "  | 01st April 2024    |
| 5     | Participation in 34th Annual Faculty Convention  | 20 th January 2024 |

## FACULTY CHAPTER ACTIVITIES REPORT 2023 – 2024

### 1. ENVIRONMENT DAY OBSERVATION 2024

On **5 June 2024**, Environment Cell, MBCET along with ISTE MBCET organized the celebration of Environment Day with an inspiring and impactful sapling planting event. This event embodied this year's theme, "Restore Our Earth," by focusing on reforestation and environmental restoration. Fr. John Varghese, Director, Dr. S. Viswanatha Rao, Principal, Dr. Abraham T. Mathew, Former Principal, Fr. Thomas Mukalumpurathu, Finance Officer, Deans, HoDs, all faculty and staff members participated in the event. Fr. John Varghese, Director conveyed the importance of maintaining the habitat. **Dr. Nidhi M. B.**, Prof MED and Environment Cell Coordinator shared the Environment Day 2024 theme: Land Restoration, Desertification and Drought Resilience. **Dr. Soumya**, Coordinator, the Waste Management Cell and **Ms. Asha**, Chairperson ISTE, **Mr. Melvin**, Advisor ISTE students chapter and **Mr. Baalamurali** and **Ms. Priya**, Environment Cell Members helped coordinate the event.



## 2. WEBINAR ON THEORY OF JET PROPULSION BY ISTE FACULTY CHAPTER

The ISTE Faculty Chapter of Mar Baselios College of Engineering and Technology (MBCET) and Universiti Teknologi MARA (UiTM), Malaysia organized a webinar on the "Theory of Jet Propulsion," on **23 May 2024**. The webinar covered topics on Thrust Equation, Propulsive Efficiency, Ideal Cycle, Power Output, and Thermal Efficiency, as a part of an activity under the existing Memorandum of Understanding (MoU) between MBCET and UiTM. The distinguished speaker for the webinar was Dr. Rupesh S., Assistant Professor in the Department of Mechanical Engineering at PES College of Engineering, Mandya, Karnataka. The MoU Managers who have been crucial in fostering this collaboration are Dr. David N. V., Associate Professor from UiTM, Malaysia, and **Dr. Nidhi M. B.** from MBCET, Trivandrum. The webinar was jointly organized by Dr. Ahmad Hussein Abdul Hamid, Senior Lecturer from UiTM, along with **Ms. Asha S.**, Associate Professor, Dept of CSE and **Ms. Jean Molly Simon**, Assistant Professor, Dept of CE, being Faculty Coordinators of ISTE MBCET Chapter.

As an activity under the existing MoU between MBCET and UiTM in partnership with ISTE

**ISTE MBCET FACULTY CHAPTER PRESENTS**

**WEBINAR ON**

**THEORY OF JET PROPULSION**

Thrust Equation - Propulsive Efficiency - Ideal Cycle  
Power Output - Thermal Efficiency

23 MAY 2024  
10:30 am (MST)  
08:00 am (IST)

**Speaker : Dr. Rupesh S**  
Asst. Prof, PES College of Engineering,  
Mandya

Google Meet Link  
<http://meet.google.com/bxhtaj-uzm>

**MBCET-UiTM MoU Managers:**

Prof. Dr. Nidhi M. B. (MBCET, Kerala, India) | Assoc. Prof. Dr. David N. V. (UiTM, Malaysia)

**Coordinators:**

Ts. Dr. Ahmad Hussein Abdul Hamid, Senior Lecturer / UiTM  
Ms. Asha S, Assoc Prof/CSE  
Ms. Jean Molly Simon, Asst Prof/CE

## 3. FDP CONDUCTED

A Six Day Hybrid Workshop on 'Frontiers of Mechanical Engineering: Harnessing the power of AI, ML and IOT' jointly organized by Department of Mechanical Engineering and ISTE MBCET Chapter, in association with ISTE Kerala Section and Universiti Teknologi MARA (UiTM) Malaysia was conducted between **06 to 11 May 2024**. Topics include AI, Mechatronics and automation, data science and modelling, ML, IoT and Python. Participants visited IBS in Technopark on the 3rd day of the Workshop as part of the industrial visit. **Dr. Nidhi M. B.**, Professor and **Ms. Ruby Maria Syriac**, Assistant Professor, Department of Mechanical



Engineering were the coordinators of the FDP



#### 4. TALK SESSION

The **ISTE MBCET Faculty Chapter** organized a session titled "Art to release, relax, and recharge" for the faculty members of MBCET on **01st April 2024**. Ms. Nincy Mariam Mondly, a Psychologist from Pallium India, served as the guest speaker. The session offered valuable insights into relaxation and stress reduction techniques through art and was well-received by around 40 attendees. The event was coordinated by **Ms. Amritha B.J.**, Assistant Professor, Department of ECE, and **Ms. Poorna B.R.**, Assistant Professor, Department of CSE.



5. **Ms. Asha S.**, **Ms. Poorna B.R.**, **Ms Gayathri K.S.**, Assistant Professors, Department of Computer Science Engineering, and **Ms. Shilpa Susan Peter**, Assistant Professor, Department of Electrical and Electronics Engineering attended the 34th Annual Faculty Convention of ISTE Kerala section at FISAT, Angamaly, on on 20/1/24.

**6.Ms.Asha S** (Chairman,ISTE faculty chapter,MBCET) has been selected for the special appreciation award in the category of Faculty advisor of the year 2022-23 by ISTE Kerala section for her excellent efforts and dedication in organizing a variety of programmes successfully over the years.

