

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

NATURE CLUB (PRAKRUTHI)

ACTIVITY REPORT: 2025-26

“Prakruthi”, the Nature Club of MBCET has been active in promoting environmental awareness and sustainability on campus. Over the past year, the club organized several events that engaged students, faculty, and staff in meaningful environmental activities.

1) World Environment Day Celebration (June 5, 2025)

ഭൂമിശാസ്ത്ര ഔഷധക്കുട : Distribution and Planting of Medicinal Herbs

As part of the World Environment Day celebrations on June 5, 2025, the Nature Club (Prakruthi) of Mar Baselios College of Engineering and Technology (MBCET), in association with the Rotary Club of Suburban Trivandrum and the Susrutha Charitable Medical Trust, organized a medicinal plant sapling drive in the college campus. During the event, around 50 varieties of medicinal plants were planted, reinforcing the institution’s commitment to sustainability and environmental stewardship.



The event was graced by the presence of Rev. Fr. John Varghese Palanilkunnathil, Director of MBCET, Dr. S. Viswanatha Rao, Principal of MBCET and officials from the Rotary Club of Suburban Trivandrum and Susrutha Charitable Medical Trust. Deans, Heads of Departments, faculty members, staff and students actively participated in the initiative. This green initiative not only marked a significant step towards enhancing biodiversity on campus but also aimed at creating awareness about the medicinal and ecological value of native plants. The event was coordinated by Dr Jaya S Pillai (CED) and Ms Lekshmi I (S&H).



2) Ayurveda for Healthy Living

The Nature Club and the Staff club of MBCET in association with the Susrutha Institute of Ayurvedic Sciences, Kowdiar conducted a medical camp **“Ayurveda for Healthy Living”** on 21st November 2025. A talk session on the same topic was also conducted. Dr. Sreeja Krishna C, Chief Physician and MD of Susrutha Ayurvedic Hospital and Dr M Nazia, Practitioner, Susrutha Ayurvedic Hospital were the resource persons of the session. Herbal and organic product stalls were arranged at the Amenity centre. The event coordinators were Dr. Lekshmi I, Dept. of S&H and Mr. Ayush Vijayan, Assistant Professor, Dept. of EEE.



3) SustainXpo 2025

SustainXpo 2025, a Mini Project Expo showcasing innovative and sustainability-driven ideas, was successfully conducted on 18 December 2025 at Olympia, Mar Baselios College of Engineering and Technology (MBCET). The event was organised by the Nature Club (Prakruthi), MBCET, based on the *Environmental Science* coursework for first-year B.Tech students.

The expo aimed to instil environmental awareness and promote sustainable thinking among students by encouraging them to identify real-world environmental problems and propose feasible, innovative, and eco-friendly solutions. The event provided a vibrant platform for first-year students to translate classroom learning into practical applications through posters, prototypes, models, IoT-based solutions, and app-based concepts.

The exhibition witnessed enthusiastic participation from students across departments and drew keen interest from faculty members and visitors. The projects reflected a strong commitment towards sustainability, renewable energy, waste management, circular economy concepts and technology-enabled environmental solutions. Many exhibits demonstrated how emerging technologies can be harnessed to address pressing environmental challenges effectively.



To recognise excellence and encourage innovation, Best Project Awards were presented under various categories, including Technology based Solutions, Originality & Innovation, IoT-Enabled Solutions, App-Based Sustainable Solutions, and Recycling & Repurposing. The projects were evaluated by a panel of faculty members based on criteria such as problem relevance, sustainability impact, innovation, feasibility, and presentation. The following groups were awarded the best project award under different categories.

Sl.No.	Award Category	Title of Project	Presented by	Class
1	Technology based solution	Water from Air	Hridya Rajeev S Akshaya Brijesh Gowrilekshmi Prasanth Shalga A	S1 EC2
2	Originality and Innovation	Envirite- Eco friendly pen	Len John Alex Gokul Krishna	S1 CS2
3	IoT enabled Solution	Aqua Volt	Abhimanyu Krishnan Abhishek H Sooryanarayanan T Vishnu Narayanan A B Aadinadh S M	S1 EE
4	App-based Sustainable Solution	Bhoomify: Reward for Sustainable choices	Salman Sabith Gokul Viswa P Eshan M S Aneya Alin Jessae Gejo Kunnel S R Nireeksh Sarin S John Arathy Krishna A M	S1 CS2
5	Recycling and Repurposing	Sustainable Fashion from Trash	Aimiah Najna Najeeb Devendu Santhosh Gauripriya J	S1 EE