



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

THIRUVANANTHAPURAM- 695 015



Ādyatva

The Association of Science in MBCET
(Science Club)

DEPARTMENT OF SCIENCE AND HUMANITIES

ANNUAL REPORT '24-25

Ādyatva

The Association of Science in MBCET

Ādyatva is the newly established Science Club of MBCET, hosted by the Department of Science and Humanities. Founded with the vision of igniting curiosity and nurturing scientific temper among students, Ādyatva serves as a vibrant hub for innovation, inquiry, and exploration across diverse scientific disciplines.

Though recently started, the club has already begun making an impact by organizing a wide range of activities aimed at enriching the academic and intellectual environment of the college. These include interactive workshops, online and offline quizzes, science fairs, guest lectures by industry experts and researchers, and hands-on experiments—all designed to foster a deeper understanding and appreciation of science and technology.

As a member of Ādyatva, students gain valuable opportunities to participate in research-based projects, industrial visits, and also develop their leadership and event management skills through active involvement in club initiatives. The club encourages students to think beyond textbooks, collaborate with peers, and bring innovative ideas to life. Ādyatva aims to bridge classroom learning with real-world application, empowering students to become critical thinkers, problem solvers, and future leaders in science and innovation. Whether you're passionate about physics, chemistry, biology, environmental science, or interdisciplinary research, Ādyatva offers the perfect platform to explore, create, and grow.

CORE TEAM (2024-2025)

- **Dr. Suvith V S** (Faculty Co-ordinator)
- **Ms. Sabitha S Nair** (Faculty Member)
- **Dr. Renjini M Nair** (Faculty Member)
- **Dr. Preethi P C** (Faculty Member)
- **Hussain Salim** -CS1 (Chairperson)
- **Vasundhara S R** -CS2 (Vice-Chairperson)
- **Agnivesh P S** -CS1 (General Secretary)
- **Niranj R** - CS2 (Joint Secretary)
- **Aarya Ramesh** -CS1 (Student Member)
- **Amith Shaji George** -CS1 (Student Member)
- **Aswin Kumar** - CT (Student Member)

Highlights of the Year

● VIRTUAL QUIZ COMPETITION

Event: Virtual Quiz Competition – World Space Week 2024

Date: October 8, 2024

Participants: 95 first-year students from various departments

Format: Online quiz with 25 questions

Time Limit: 20 minutes

As part of World Space Week celebrations, a virtual quiz competition was organized exclusively for first-year students on October 8, 2024. The event aimed to enhance awareness and enthusiasm for space science among students. A total of 95 students from different departments participated in the quiz, which comprised 25 thought-provoking questions covering various aspects of space and astronomy.

The competition followed a time-bound format, allowing participants 20 minutes to complete the quiz. To ensure fairness and encourage quick thinking, the top five students who achieved the highest scores in the shortest time were declared winners.

The competition received an overwhelmingly positive response, with a strong turnout and enthusiastic participation across all departments. Students appreciated the challenging yet accessible nature of the quiz, which tested their general awareness, scientific reasoning, and passion for space science.

This initiative not only celebrated World Space Week but also provided a meaningful educational experience, encouraging students to explore topics beyond their academic curriculum. It successfully ignited curiosity, promoted interdisciplinary engagement, and laid the foundation for future science-based activities.

Winners of the Quiz Competition:

- **Adarsh R Pillai** – S1 CS1
- **Parthip Paramresh** – S1 CT
- **Aparna L** – S3 CS1
- **Sona Darsan** – S3 CS1
- **Elza Sabu** – S3 CS2

Congratulations to all the winners and participants for making the event a grand success!



● **ANTARAGNI**

Antaragni '24 was a lively and engaging event organized for the fresher's of MBCET by Ādyatva - The Association of Science in MBCET, on 19th October 2024 from 9.00 am to 4.00 pm at Olympia (Amenity). The primary aim of the event was to introduce the students to MBCET's first ever Science Club and provide them with an overview of the club's exciting activities that would unfold throughout the year. The event created a fun-filled atmosphere, where participants had the option to cosplay any character of their choice, although many chose to forgo the costume element. The focus of the day was on enjoyment and camaraderie, offering a break from the usual academic routine. Alongside the fun, participants were briefed about the Science Club's activities, which were planned to engage and inspire students with a variety of events over the coming year. Following events were conducted to cherish the day:

● **Music Event by Raagam**

The event began with a captivating musical performance by Raagam, MBCET's music group. The performance featured a blend of melodies that mesmerized the audience. The talented performers included:

- Aravind Ajay (S5 ME)
- Adithyan S Krishna (S3 EL)
- Anzil (S5 ME)
- Shibin S R (S3 EL)
- Abhav R Nair (S3 EL)

● **Dance Performance**

A high-energy dance performance added vibrancy to the event. The performance was brimming with creativity and showcased the enthusiasm of the dancers. The dance crew consisted of:

- **Aarya Ramesh (S3 CS)**
- **Adithyan S Krishna (S3 EL)**
- **A Parthasarathy (S3 ME)**
- **Abhiram (S3 ME)**
- **Siva (S3 CT)**
- **Aashiq Venugopal (S3 EL)**
- **Gowri (S3 EEE)**

● **Musical Performance by Ramakrishnan Hareesh**

The event also featured a soulful performance by Ramakrishnan Hareesh, a distinguished alumnus of MBCET (2023, EC). A renowned composer, multi-instrumentalist, and founder of

RK Productions, his performance added emotional depth to the event, highlighting his extraordinary musical talent.

- **Science Charades**

To blend education with fun, a Science Charades game was organized. Teams competed by acting out science-related terms and concepts. This activity encouraged creative thinking while fostering a competitive spirit among participants.

- **Fun Team Games**

A series of fun-filled team games were organized to promote teamwork, coordination, and laughter. These games ensured that everyone enjoyed themselves.

- **Treasure Hunt**

The day concluded with an exciting Treasure Hunt. Participants solved clues and completed tasks in a thrilling adventure. This interactive activity brought participants together in teams and ended the event on a high note.

The event saw an impressive turnout, with a majority of the participants actively participating in the various activities. The overall enthusiasm remained high throughout the day, as participants fully engaged in the performances, games, and interactive events.

Feedback from the participants was overwhelmingly positive. Many highlighted how much they enjoyed the vibrant and creative atmosphere, which offered a refreshing break from the usual academic or technical events. The diverse range of activities—spanning music, dance, team games, and the treasure hunt—kept the energy levels high and fostered a strong sense of community and camaraderie among the attendees.

Participants particularly appreciated the opportunity to bond and unwind in a non-academic environment, making the event a successful and memorable introduction to college life.

Antaragni '24 faced no significant challenges during its planning or execution. The event was meticulously organized, with the team of organizers and volunteers working cohesively to ensure smooth operations. Their coordination and dedication allowed the event to proceed seamlessly, providing an enjoyable experience for everyone involved.

Overall, Antaragni '24 successfully achieved its goal of providing participants with a fun, engaging, and memorable experience. The event offered a vibrant introduction to MBCET's first ever Science Club and showcased the diverse talents of students through music, dance, and interactive games. The positive feedback from the participants and the overall enthusiasm displayed throughout the day were clear indicators of the event's success.

Given the smooth execution and the positive response, it is recommended that future events for freshers maintain this fun and inclusive atmosphere while continuing to offer an introduction to various college clubs and extracurricular activities. This balance between entertainment and informative engagement helps build a strong sense of community and camaraderie among students.



- **Visit to NIIST CSIR**

In celebration of **National Science Day**, 28/02/2025, the **Science Club** of our college organized an enriching and educational visit to the **National Institute for Interdisciplinary Science and Technology (NIIST)**, a premier research institute under **CSIR (Council of Scientific and Industrial Research)**, located in Trivandrum.

The visit aimed to inspire students by exposing them to real-world applications of scientific research and to foster a deeper appreciation for science and technology in solving contemporary challenges. A group of enthusiastic science club members, accompanied by faculty coordinators, actively participated in the visit.

During the visit, students were welcomed by a team of dedicated scientists and researchers who provided a comprehensive overview of NIIST's contributions to the scientific community. The sessions focused on **cutting-edge research in key areas**, including:

- **Sustainable energy technologies**, such as solar energy, biomass conversion, and energy storage solutions
- **Environmental conservation**, with a focus on waste management, pollution control, and green technologies
- **Agro-processing and food technology**, highlighting innovations that enhance food quality, safety, and sustainability
- **Chemical sciences**, including advanced materials and catalysis research

Students had the rare opportunity to **interact with scientists**, observe research facilities and laboratories, and understand the multidisciplinary nature of scientific work at NIIST. The engaging discussions and demonstrations gave students a realistic insight into the research process and its societal impact.

The visit proved to be **both educational and inspirational**, reinforcing the relevance of science in everyday life and its potential to address pressing global issues. It encouraged many students to consider **careers in research, innovation, and science-driven entrepreneurship**.

Overall, the event was a resounding success, providing a memorable and motivating experience for all participants. It served as a fitting tribute to National Science Day and underscored the importance of scientific advancement in shaping a sustainable and progressive future for society.



