

SPACE DAY CELEBRATIONS

India on the Moon: A Cosmic Celebration!

"Make some space for India!"

Mar Baselios College of Engineering and Technology celebrated the historic moment - the success of Chandrayaan-3 mission, which accomplished safe soft-landing of Vikram Lander and deployment of Pragyaan Rover on lunar surface near its south pole on August 23, 2023.

We honour our scientists and engineers who made this incredible feat possible.

A report on the celebrations held at Mar Baselios College of Engineering and Technology is presented herewith. Various events were organised by the Space Club in association with the Department associations with the objective of fostering interest in space science and technology among the students.

The following are the events organised at Mar Baselios College of Engineering and Technology:

1. Universe in a Nutshell
2. Adhara- Rocket Modeling
3. Literary Review on Space related books and films.
4. Knowhere Quiz Competition
5. Astral Artistry-Astrophotography Competition
6. Cosmos Canvas-Poster/Painting Competition
7. Visit to LPSC, Valiamala
8. Flash Mob

EVENT1: UNIVERSE IN A NUTSHELL

Venue: Faraday Hall, MBCET

Date:05/08/2024

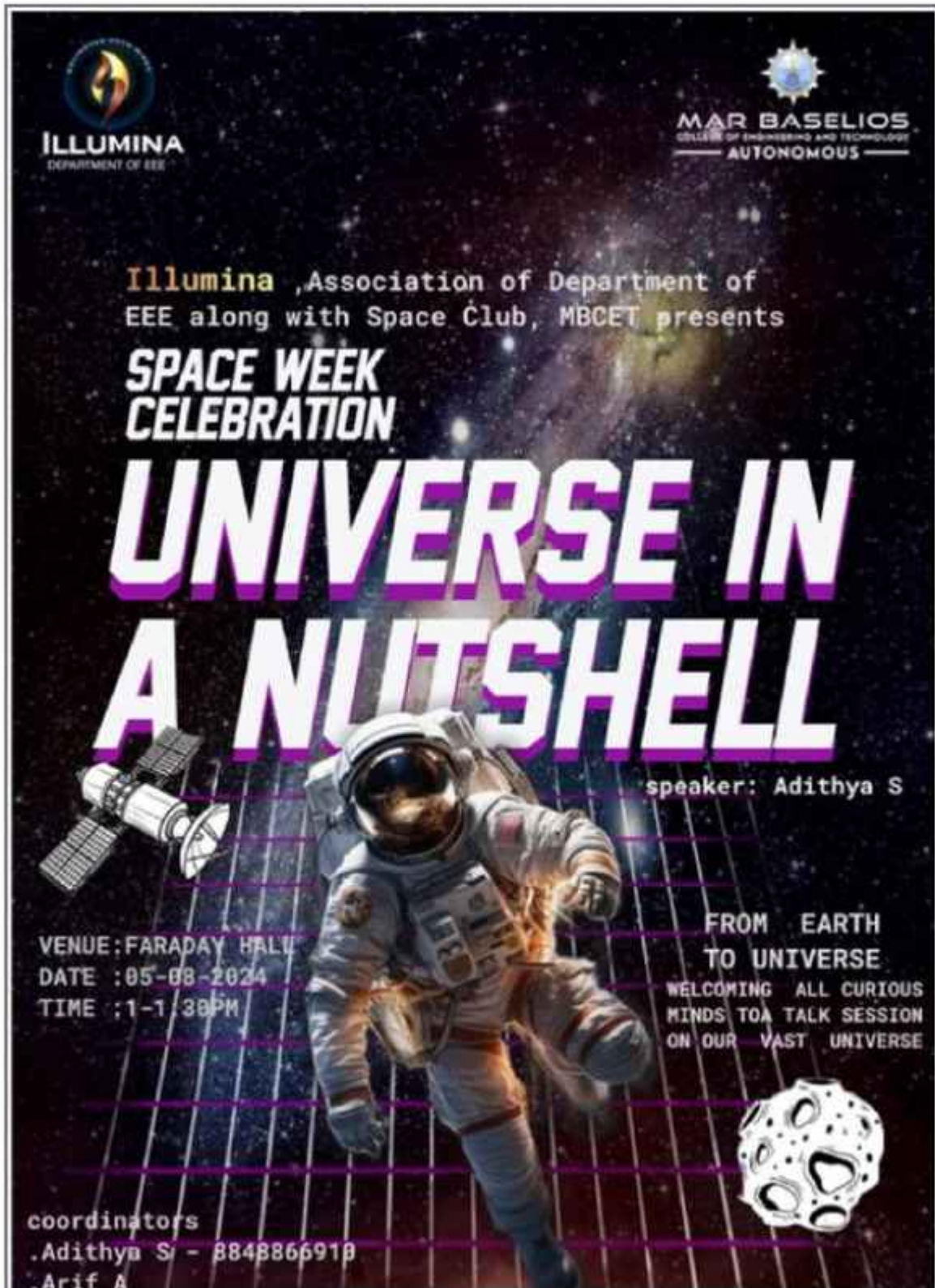
Time: 01:00pm - 01:30pm

The event was named Universe in A Nutshell. It was a lecture session by Adithya S, student of S5 EEE, MBCET. The event was hosted because of the combined effort of Illumina, Association of Electrical and Electronics Engineering along with the Space Club of MBCET. The talk mainly focused on the space and its happenings. Aditya mainly discussed about the black holes and its functioning, the big bang theory, the real story behind it, how the universe was formed and he also discussed about supernovas, nebulas, and other all the integral parts of the universe.


In the first phase of the talk show Adithya discussed about the big bang theory and about the scientist named Edwin Hubble who laid the stepping stone about the Big Bang theory and second phase was about Big Bounce and Big Crunch theories. It was an offline talk show and about 50 participants attended the session and so did the faculty members of MBCET. The complex universe theories were conveyed in the most effective but yet simple words. The success of the event was based on the students' understanding of the complex theories and general idea about our universe.

The coordinators of the event were Adithya S, S5 EEE along with the faculty coordinator's Ms. Manju Sreekumar, Ms. C Sojy Rajan and Dr. Swapna P S.

Brochure:



The poster features a central image of an astronaut in a white space suit floating in space, with a satellite and a planet visible in the background. The text is arranged around this central image.

ILLUMINA ,Association of Department of
EEE along with Space Club, MBCET presents

**SPACE WEEK
CELEBRATION**


**UNIVERSE IN
A NUTSHELL**

speaker: Adithya S

VENUE: FARADAY HALL
DATE : 05-08-2024
TIME : 1-1:30PM

FROM EARTH
TO UNIVERSE
WELCOMING ALL CURIOUS
MINDS TO A TALK SESSION
ON OUR VAST UNIVERSE

coordinators
.Adithya S - 8848866918
.Arif A





Talk Series Session

EVENT 2: ADHARA

Venue: Faraday Hall, MBCET

Date:07/08/2024

Time: 12:30pm

Illumina, Association of department of Electrical and Electronics Engineering in association with space club conducted the space week celebration events where the second and most eye-catching event of the series -Adhara, the space models exhibition of all the well renowned missions performed by the space centre's across the world was hosted by the students of S5 EEE. The term 'Adhara' refers to the second brightest star in the sky after Sirius. Poster was designed by Manuraj MS student of S3 EL.The event was conducted on 7th of August,2024 at Faraday Hall. MBCET. The event was inaugurated by our Bursar Fr John Varghese along with our Principal Dr. S Viswanatha Rao





Rover Model



Satellite Model



PSOM4 Model



Rocket Exhibition

The models were made by the students of S5 EEE along with the help and support from the faculty coordinators Ms.Sojy Rajan, Ms.Manju Sreekumar and Ms.Shilpa Susan Peter.The students selected all the renowned missions and made the exact replica of those in about 2 to 3 days. The models they took where PSLV, GSLV, Starship,Falcon Heavy, S1 Block, Lander, Saturn V, Chandrayan Rover, Aryabhata and so on.

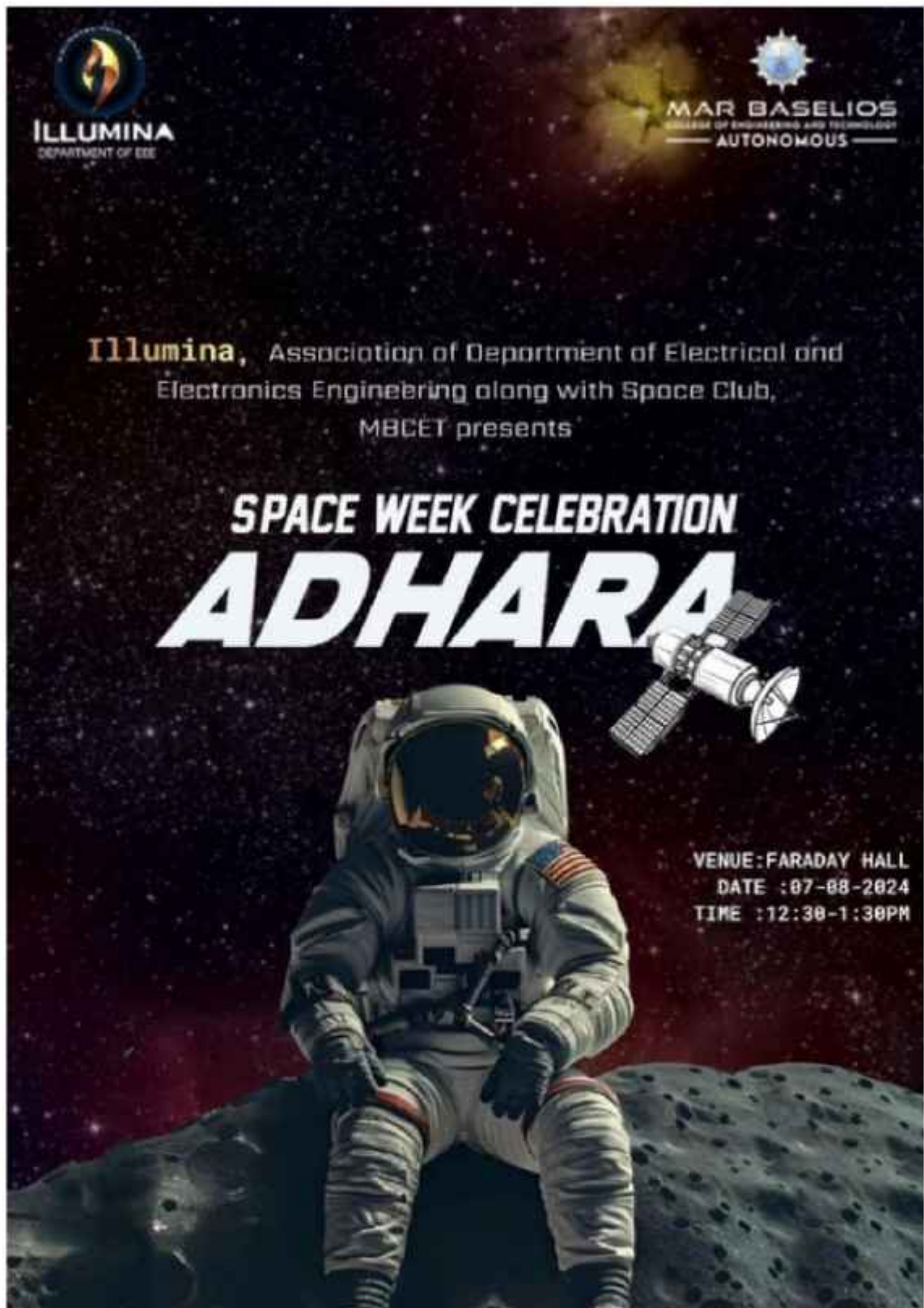
The Expo was open to all the students and faculty's at MBCET. The Expo had two highlights one was the models of all the space mission's and then there was the digital representation of the sounds of all the planets, the live trajectory view of the satellite by NASA and other informative videos about rocket science. The event also had a special book exhibition which consisted of science-fictional books which also grabbed the attention of the spectators. The team was able to bring about a different atmosphere to the expo by setting the adequate lightings and sound system .

Adhara Book Exhibition

The team of Adhara consisted of Abhishek A, Abhinav SB, Adil NS ,Adithya S, Adithyan Ganesh, AdithyanRJ,Amal,Gokul,Prithvi,Rakesh,Akarsh, Harishankar, Arif and Devika C. The master brain behind the models **where given by Adithya S along with the team members.**



Brochure:



The poster features a central image of an astronaut in a white spacesuit sitting on the surface of the moon. The background is a dark space filled with stars and a nebula. In the top left corner, there is a logo for ILLUMINA DEPARTMENT OF EEE. In the top right corner, there is a logo for MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY AUTONOMOUS. The main text is centered and reads 'SPACE WEEK CELEBRATION ADHARA'. To the right of the astronaut, there is a satellite in orbit. In the bottom right corner, the event details are listed: VENUE: FARADAY HALL, DATE: 07-08-2024, and TIME: 12:30-1:30PM.

ILLUMINA
DEPARTMENT OF EEE

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

ILLUMINA, Association of Department of Electrical and
Electronics Engineering along with Space Club,
MBCET presents

SPACE WEEK CELEBRATION
ADHARA

VENUE: FARADAY HALL
DATE : 07-08-2024
TIME : 12:30-1:30PM

EVENT 3: LITERARY REVIEW

Venue: Shannon Hall, MBCET

Date:07/08/2024

Time: 1:00pm

A literary review on space related books and films were conducted.



EVENT 4: KNOWHERE QUIZ COMPETITION

Venue: Shannon Hall, MBCET(Phase 2)

Date:06/08/2024 & 08/08/2024

Time: 08:00pm & 01:00pm

The first event of the series was a quiz competition based on space and its happenings. This happened because of the combined effort of Illumina the association of Department of Electrical and Electronic Engineering and E-Nix the Department of Electronics and Communications Engineering along with the Space Club of MBCET

The quiz was conducted in two phases:

Phase 1:

Date : 06/08/2024

Participants:80

It was conducted using a platform called quizizz. It was conducted online and the questions were a mixture of easy to intermediate level. The questions based on the common trending topics on space. Results were based on:

- *Faster completion of each question

- *Number of correct answers

There were 25 questions in this phase it was conducted from 8:00 pm to 8:30 pm

The winners of phase 1: Bhavya R Biju S5 EEE, Merlin Reji S5 EEE, Ujwal B Nehin S5 CE, Rhon S George S7 CS,Udit Krishna S3 EEE, Rohit NS S3 CS AI, Jishnu EV S3 CS, Nitin Sreekesh S5 ME, Avin Joy S3 CS AI, Roshan Joshi S5 CS, Elvis Mathews S3 EL & Govind Suresh S7 EC.

Phase 2:

Date: 8/8/2024 time

- 1:00 pm 1:30 pm

Venue: Shannon Hall, MBCET

The 12 finalists were paired randomly and the list was:

- Elvis and Bhavya

- Govind Suresh and Rohith
- Merlin Reji and Jishnu
- Avin J and Udit K
- Rhon S George and Ujwal B Nein
- Roshan G Joshi and Nitin Sreekesh
-

There were 18 questions in this phase with 3 rounds:

Round 1 - Planetary science: Easy

Round 2 -Space travel and colonization: Intermediate

Round 3 - Astronomy and astrophysics: Hard

This was a team phase where members were randomly assigned to teams of 2 members. The team number for each group was chosen at the venue by drawing lots.

There were 3 rounds in the quiz. For the first round, they got 20 seconds, the second round they got 25 seconds, and the third round had 30 seconds. Every team got a set of 3 questions. For every correct answer, the team got 10 points. If a team fails to answer a question, it had then passed to the other teams. The passing questions had a rapid-fire round where the first team to answer will get the chance. In the rapid-fire round, if a team answers incorrectly, they got negative points, and for a correct answer, they got awarded 5 points. Please note that there weren't any negative markings unless it gets into the rapid-fire session. The quiz was orated by Adhitya S of EEE S5 and a presentation was also displayed prepared by Arif A of EEE S5.

Winners:

1st prize: Merlin Reji and Jishnu EV

2nd prize: Elvis Mathews and Bhavya R Biju

3rd prize: Avin j and Udith Krishna

All participants who attended the quiz will be awarded participation certificates through their registered email.

Student Coordinator: Ann Santhosh (S7 ECE), Arif A (S5 EEE), Abhishek A (S5 EEE), Adithya S (S5 EEE) and Rohin Sabu (S7 ECE).

Faculty Coordinators: Ms. Manju Sreekumar (EEE), Ms.Sojy Rajan (EEE), Dr.Swapna P S(ECE) and Mr.Shiras S N (ECE)



The Knowhere Team

Prize:

First Prize-Rs.1000

Second Prize-Rs.750

Third Prize:Rs.450

Poster:

The poster features a dark space background with a galaxy and stars. On the left, an astronaut in a white suit floats. On the right, a satellite is shown. At the top, three logos are displayed: ILLUMINA (Department of Electrical and Electronics Engineering), MAR BASELIOS (College of Engineering and Technology, Autonomous), and e-NIX (Electronics and Communication Engineering).

ILLUMINA, ASSOCIATION OF DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING AND **e-NIX**, ASSOCIATION OF DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ALONG WITH SPACE CLUB MRCET PRESENTS

SPACE WEEK CELEBRATION

KNOWHERE

A SPACE QUIZ COMPETITION
TEST YOUR KNOWLEDGE ON SPACE

DATE : 06-08-2024
TIME : 8.00 PM
CASH PRIZE WORTH RS 2K

GET YOUR FREE REGISTRATION RIGHT NOW

COORDINATORS
ARIF 9747676043
ABHISHEK 8139081065
RON KOSHY 9446626276
ANN SANTHOSH 6262665129

5. ASTRAL ARTISTRY

FRAMES - MBCET Photography Club in association with Space Club as part of National Space Day organized Astral Artistry - Astrophotography Contest for the students of the college from 3rd August 2024 to 10th August 2024. The students were asked to capture stunning images of the night sky, stars, or celestial events. and submit their best shots via a submission link. It was evaluated and certificates were awarded to the winners. The event helped the students to showcase their skills on

capturing the higher perspective.

Brochure:



The brochure features a dark space background with a starry sky and a planet's horizon. At the top left is the logo for Mar Baselios College of Engineering and Technology, Autonomus. At the top right is the FRAMES logo. The main title 'Astral Artistry' is written in a large, white, stylized font. Below the title, it says 'Honouring the National Space Day - 23 Aug 2024'. The organizing body is 'Space Club in association with FRAMES-MBCET Photography Club'. A speech bubble from a cartoon astronaut asks 'READY TO CAPTURE THE COSMOS??'. A circular icon shows a telescope on a tripod. The text 'Showcase your skill on capturing the higher perspective' is accompanied by the last date '9th August 2024'. At the bottom, it says 'Upload your images here (Use MBCET email id)' next to a QR code and a cartoon camera character. The URL 'https://tinyurl.com/astroframes' is at the bottom right.

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

FRAMES
MBCET PHOTOGRAPHY CLUB

SPACE CLUB in association with **FRAMES MBCET**
presents

Astral Artistry

Honouring the **National Space Day** - 23 Aug 2024

Space Club in association with **FRAMES-MBCET Photography Club** is organizing **ASTROPHOTOGRAPHY CONTEST**

READY TO CAPTURE THE COSMOS??

Showcase your skill on capturing the higher perspective
Last date: 9th August 2024

Upload your images here
(Use MBCET email id)

<https://tinyurl.com/astroframes>

First Prize



Second Prize



6. COSMOS CANVAS: POSTER/PAINTING COMPETITION

The IEEE Power and Energy Society (PES), in collaboration with the Space Club at Mar Baselios College of Engineering and Technology (MBCET), organized an exciting poster and painting competition titled “**COSMOS CANVAS**” as part of the college’s Space Week celebrations.

The competition, which centered around the theme “**Space,**” was announced on 4th August 2024, inviting students to showcase their artistic talents and creativity. Participants were asked to submit their artworks in hard copy by 7th August 2024.

The competition attracted a significant number of entries, with students from various departments enthusiastically contributing their interpretations of the vast and intriguing theme. The submissions were judged based on creativity, relevance to the theme, and artistic execution.

Brochure:



MAR BASELIOS
Power, Energy, Society
AUTONOMOUS

PES
Power, Energy, Society

IEEE
SBCET

IEEE PES SBC MBCET AND SPACE CLUB
presents

COSMOS CANVAS

DRAWING AND PAINTING COMPETITION

Theme :
Space: The Next Frontier for Engineering

Submission Deadline: 7th August 2024

Register Now!

For queries contact:
Savya Unnikrishnan: +91 99959 68324
Vinayak V Nair: +91 88481 76355



After careful deliberation, the judges announced the winners:

- **First Prize:** Ms. Diya Dileep from S3EC 2
- **Second Prize:** Ms. Aneeta Sibi from S3EL

These talented students were recognized for their exceptional work and creativity in capturing the essence of space through their artwork.

The **“COSMOS CANVAS”** competition was a great success, sparking interest in space exploration and encouraging artistic expression among students. The event was a highlight of the Space Week celebrations at MBCET, bringing together the college community in appreciation of both science and art.



FIRST PRIZE (Ms. Diya Dileep S3EC)



SECOND PRIZE (Ms. ANEETA SIBI, S3 EL)

7. VISIT TO LPSC, VALIAMALA

As part of the open house program of Liquid Propulsion Systems Centre, Valiamala, the students and faculty members of MBCET visited the facilities at LPSC, Valiamala on 9th August 2024.

234 students from various departments and 11 faculty members visited LPSC.

The program began with the streaming of Space Fortitude Video and National Space Day Video. Further the team was split into two batches to visit MSOB Foyer Exhibits, Propulsion Gallery, Cryo stage, Satellite Thruster Test at LTET, Semi Cryo Assembly and Testing, Control Systems Integrated Facility, Electric Propulsion Complex etc.

8. FLASHMOB

Flash Mob was conducted on August 12th, 2024 (which was initially planned on 8th August and then postponed to 12th August due to some technical inconvenience). 18 students participated in the FlashMob.

Banner:



Poster:



 **MAR BASELIOS**
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

NATIONAL SPACE DAY-2024

PERFORMING ARTS CLUB & SPACE CLUB
PRESENTS TO YOU

Stellar Spectacle

**12
AUG** **TIME : 1:00 PM**
VENUE : DAT

Faculty Coordinators
Dr. Swapna P. S.[EC] : 9495401910
Ms.Akhila A M[CE] : 9544627512

Student coordinator
Rachel Antony[EL] : 9497865028



