

Marian Engineering College
Department of Electronics & Communication
The Events and Activity details conducted by
Electronics Association (2020-2021)

1. Inauguration of Electronics Association

Inauguration

Date: 26-09-2020

Time: 10.30 am

Coordinators: Pankaj Madhu, Laxman Krishnan, Rajalekshmi R.S., Sneha S. Christopher, Sruthi S., Sabrish, Swarna, Hiba Bathool, Devanandan.

Participants: Students and faculties from ECE departments, Faculties from other departments, Manager, Bursar, Principal, Director.

Chief guest: Ms. Sujatha E. (Joint General Manager, TATA Elxsi).

BROCHURE OF ECE
ASSOCIATION
INAUGURATION



MARIAN

ENGINEERING COLLEGE
Approved by AICTE & Affiliated to RTU
Managed by the Latin Archdiocese of Trivandrum
Maramkulam, Kanyakumari, Trivandrum - 695582

DEPARTMENT OF ELECTRONICS & COMMUNICATION

WELCOME TO INAUGURAL CEREMONY OF ELECTRONICS ENGINEERING ASSOCIATION

ON 26TH SEPTEMBER, 2020 10:00 AM -11:00 AM

PLATFORM:
GOOGLE MEET

PROGRAM SCHEDULE

10:00 am - 10:03 am :	Welcome Address, Ms. Vinitha B.Elza, HoD, ECE
10:03 am -10:06 am :	Message by Manager , Very Rev. Msgr. Wilfred E.
10:06 am - 10:10 am :	Message by Director (Academics), Dr. A. Samson
10:11 am - 10:15 am :	Message by Principal, Dr. Ruby Abraham
10:15 am - 10:45 am :	Message by Prof. Dr. M. Sasikumar Former HoD, ECE, MEC
10:45 am - 10:50 am :	Inaugural Address by Chief Guest, Ms. Sujata E., Joint General Manager, Tata Elxsi
10:50 am	Vote of Thanks, by Pankaj Madhu (S7 T), Electronics Association President
Presence :	Rev. Fr. Sudheesh Das, Bursar Prof. Tomy Michael, Director (Administration) Dr. Sabu, HoD, ME Dr. Jayaprakash, HoD, CSE Dr. Narayanan, HoD, CE Dr. Vijayalekshmi, HoD, EEE



CHIEF GUEST OF HONOUR
Ms. Sujata E,
Joint General Manager,
Tata Elxsi

ORGANIZING COMMITTEE
Electronics Association Members:
 Staff -in-Charge : Dhanya Mathew (APECE)
 President : Pankaj Madhu -S7T
 Secretary : Rajalekshmi R.S-S7T
 Executive Members : Sneha S.Christopher-S7T
 : Swarna S—S5T
 : D Sabirish—S5T
 : Deva Nandan S—S3T
 : Hiba Bathool S—S3T

INTRODUCTION

The department of Electronics and communication of Marian Engineering College was established in the year 2001 with the primary objective of imparting quality education and training in the various areas of electronics and communication, thereby moulding the students into competent professionals. And the department is also promising a vigilant set of brilliant students to the society. And today our department is achieving 19 years of grand success. The session begins by the welcome speech of Ms. Vinitha B. Elza, HOD, ECE Department. The event was officially inaugurated through Online meet by the chief guest, **Ms. Sujatha E.** in the presence of

other dignitaries of our college. The event has made more wonderful by our guest. Her experiences with the subject and a session about the new technologies adopted in the real time world made the moment inevitable for every participant.

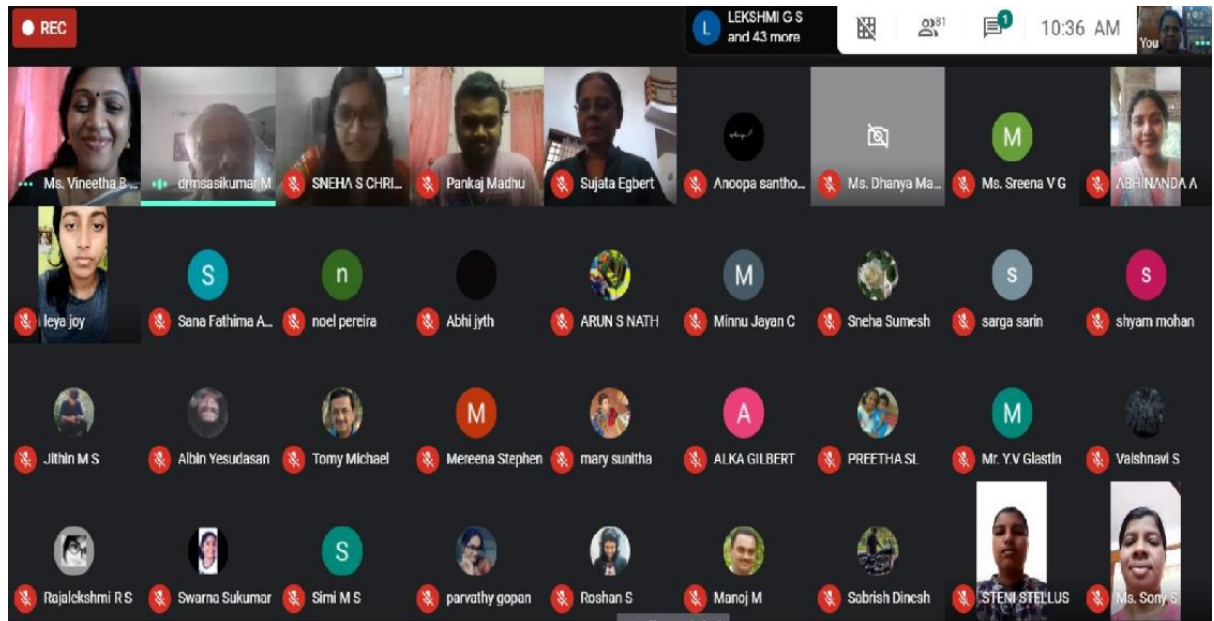


SUMMARY

The session was all about **Ms. Sujatha E's** technical experience in working with new technologies along with her motivational words. It was purely a technical class that motivated all students for learning new technology like, **Digital Twin Technology**. This technology is very much needed in controlling the Real-Time applications of modern world as it incorporates multiple sensors that work on Artificial Intelligence and Internet of Things.

ABOUT HER TECHNICAL EXPERIENCE IN THE NEW TECNOLOGY (DTT)

- ❖ Digital Twin Technology integrate IOT, Artificial Intelligence, Machine Learning and Cloud Computing to create living digital simulation models of real time processes.
- ❖ Modelling and Simulating physical elements help to perform testing in a virtual environment.
- ❖ In various industrial sectors, twins are being used to optimize the operation and maintenance of physical assets, systems, and manufacturing processes.
- ❖ A digital twin continuously learns and updates itself from multiple sources to represent its near real-time status, working condition or position.
- ❖ Digital twin is a real mapping of all components in the product life cycle using physical data, virtual data, and interaction data between them.



Along with this she has mentioned about various technologies like Machine Learning, Neural Networks, Cloud computing among the students so that they can learn the real time applications in industries and find new opportunities.

Her motivational class brings a new spirit that keeps us to move consistently.

CONCLUSION

The event has ended up with lots of new expectations and better performance on the succeeding years and the technical knowledge cum inspirational speech from the chief guest and other dignitaries was inevitable and memorable one.

The president of ECE Association, Mr. Pankaj Madhu (S7T) delivered the Vote of Thanks at the end of the session.

2. Technical Debate (“CROSSFIRE”)

Date: 31-10-2020

Time: 10.30 am

Coordinators: Pankaj madhu, Laxman Krishnan,
Rajalekshmi R.S.-S7T

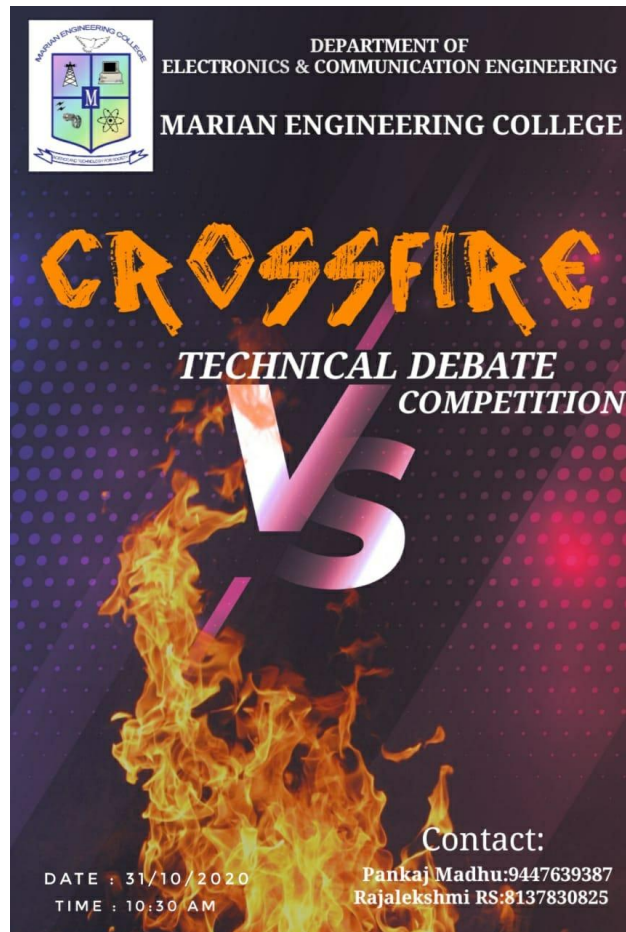
Participants: Students from all departments.

Winners:

Aakash S.D.(S5R1) & Josena Jaison(S5T)-**First**

Abinston Rox Michael(S5EEE) & Devika A.S.(S5T)-**Second**

Brochure:



3. Technical Chat with Senior

Date: 02-11-2020

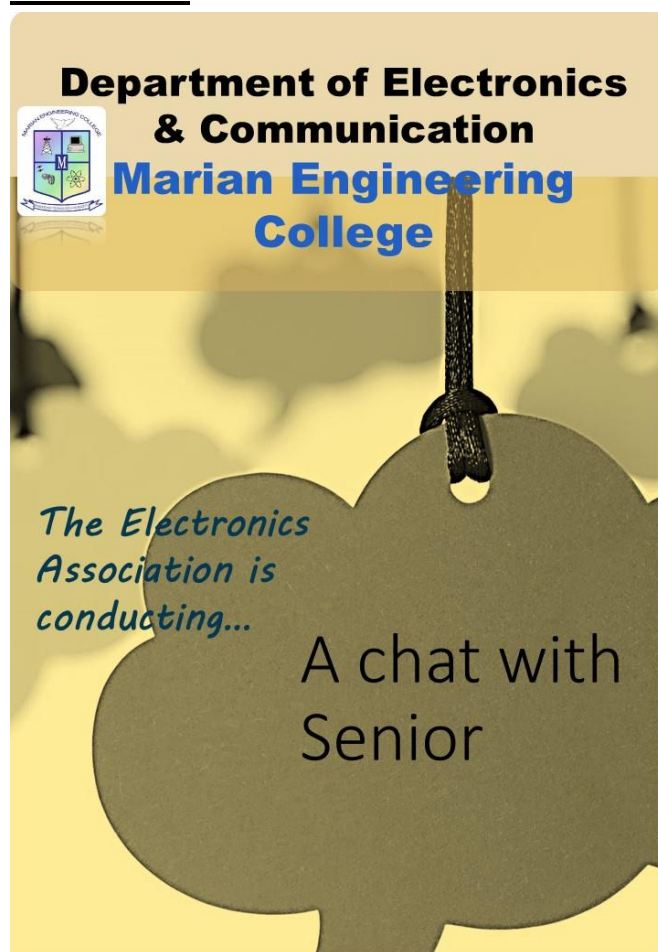
Time: 01.30 pm

Coordinators: Pankaj Madhu, Sneha S. Christopher-S7T

Participants: All students of S7T (39 students).

Resource Person-Annie Kurian (Senior Technician,
Allianz Technologies)

Brochure



Resource Person: Annie Kurian

Senior Technician, Allianz Technologies

On 02-11-2020

4. Technical Quiz (“QUIZHEADZZ”)

Date: 12-11-2020

Time: 3PM-4PM

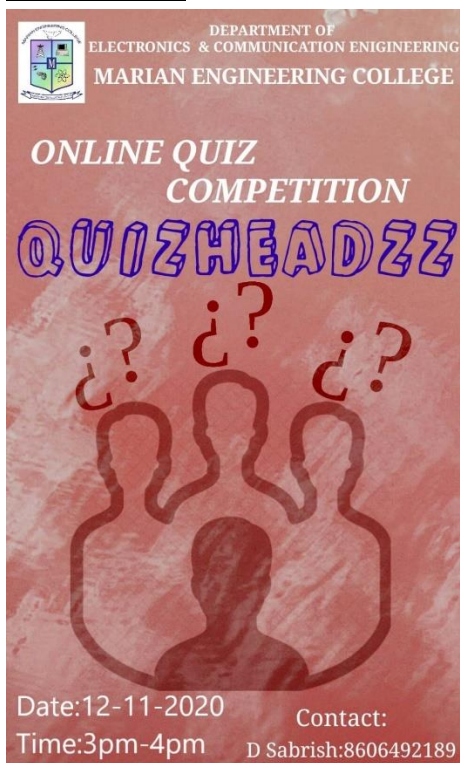
Coordinator: Sabrish S-S5T

Participants: Students from all departments.

Winners:



Brochure



5. Motivational Seminar (“How to frame your aim”)

Date: 30-11-2020

Time: 3 pm-3.30 pm

Coordinator: Devanandan-S3T

Participants: S3 students of all departments

Resource Person-Ananya Carolin G. (S3T)

Brochure:



6. Interaction with Alumni("How to prepare for your higher education abroad")

Date: 27-11-2020

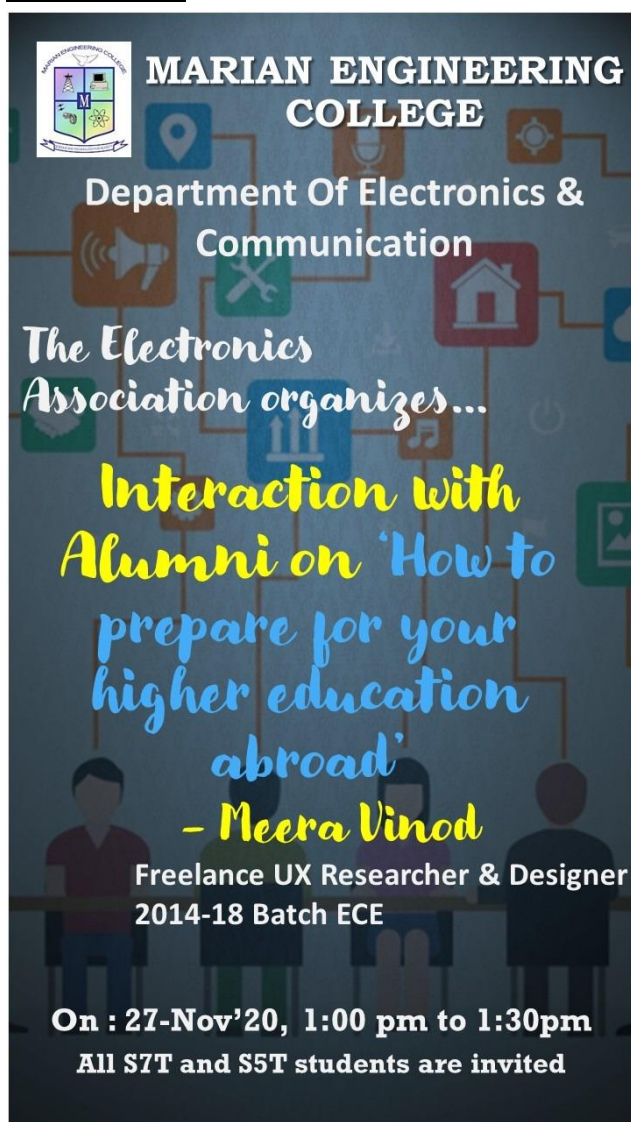
Time: 1.00pm-1.30 pm

Coordinators: Pankaj Madhu, Rajalekshmi-S7T

Participants: All students of S7T (39 students) and S5T(33 students).

Resource Person-Meera Vinod, 2014-18 batch ECE.
(Freelance UX Researcher and Designer)

Brochure



7. A Technical Talk on “An introduction to Machine Learning”

Date: 12-12-2020

Time: 10.00pm-12.00 pm

Coordinators: Sruthi Savithri Vijayakumar, Rajalekshmi-S7T

Participants: All students of S7T (39 students), S5T(33 students), S3T(33 students).

Resource Person-Ms. Sreena V.G, Assistant Professor in ECE, Marian Engineering College.

Brochure



8. A chat with seniors

Date: 19-01-2021

Time: 02.00pm-02.30 pm

Coordinators: Sruthi Savithri Vijayakumar, Laxman Krishnan, Amritha M.R

Participants: All students of S1T (39 students)

Resource Person- Sruthi Savithri Vijayakumar, Laxman Krishnan, Amritha M.R, Sneha S. Christopher (S7T Students).

Brochure



9. **An Expert talk on 'Nurture the Entrepreneur in you'.**

Date: 29-01-2021

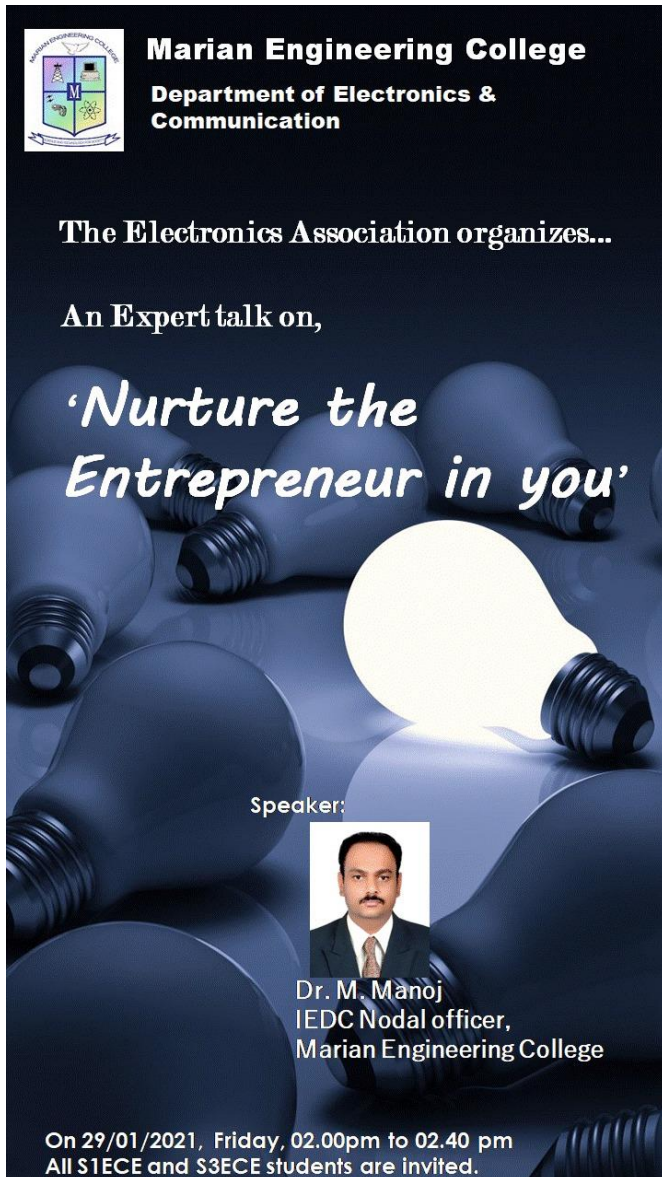
Time: 02.00pm-02.40 pm

Coordinators: Sruthi Savithri Vijayakumar, Laxman Krishnan, Amritha M.R, Sneha S. Christopher, Sabrish S.

Participants: All students of S1 T (39 students) and S3 T (33 Students).

Resource Person- Dr. M. Manoj, IEDC Nodal Officer, Marian Engineering College.

Brochure



The brochure features a dark blue background with several light bulbs. One bulb in the center is illuminated, casting a glow. The text is white and yellow. At the top left is the Marian Engineering College logo. The title 'Nurture the Entrepreneur in you' is written in a large, stylized font. Below it, the speaker's name and title are listed. At the bottom, the date and time of the event are provided.


Marian Engineering College
Department of Electronics & Communication

The Electronics Association organizes...

An Expert talk on,

'Nurture the Entrepreneur in you'

Speaker:


Dr. M. Manoj
IEDC Nodal officer,
Marian Engineering College

On 29/01/2021, Friday, 02.00pm to 02.40 pm
All S1ECE and S3ECE students are invited.

10. A Technical talk on Mechatronics

Date: 03-02-2021

Time: 02.00pm-03.00 pm

Coordinators: Sruthi Savithri Vijayakumar, Laxman Krishnan, Amritha M.R, Sneha S. Christopher

Participants: All students of S1T (39 students)

Resource Person- Mr. Maneesh T., AP in Mechanical Department, Marian Engineering College., Sneha A.S (Student Coordinator, Mechatronics Club)

Brochure



 Department of Electronics & Communication

The Electronics Association organizes...
A technical talk on Mechatronics

Speakers:

 Mr. Maneesh T.
Assistant Professor,
Mechanical Engineering
Department,
Marian Engineering College.

 Sneha A.S.
Student Coordinator,
Mechatronics Club.
Marian Engineering College.

On 03/02/2021
2.00 pm to 3.00 pm
All students in S1 ECE
are invited

11. A talk on placement experience

Date: 24-04-2021

Time: 04.00pm-05.00 pm

Coordinators: Pankaj Madhu, Sruthi Savithri
Vijayakumar, Laxman Krishnan, Amritha M.R, Sneha S.
Christopher

Participants: All students of ECE Department (145 students)

Resource Person- The placed students in S8T(Adithya, Karthik, Sruthi and Amritha)

Brochure



12. A Motivational Seminar (“Challenge Ourselves...We are possible”)

Date: 15-05-2021

Time: 11 am-12.00 pm

Coordinator: Pankaj Madhu

Participants: All students of ECE Department (145 students)

Resource Person-Mr. Abhinanth Jayakumar(Former Senate Chairman, MEC), Faculty and Trainer, Kerala Child Line.

Brochure:

The brochure is for a motivational seminar titled "ART OF SUCCESS" held at Marian Engineering College, Department of Electronics & Communications. The event is a motivational talk organized by The Electronics Association. The speaker is Mr. Abhinanth J, an M-Tech student in CET, Faculty & Trainer at Kerala Child Line, and a former Senate Chairman of MEC. The seminar is scheduled for Saturday, May 15, 2021, from 11 AM to 12 PM. All ECE students are invited. The brochure features a cityscape background, the college logo, and a photo of the speaker at a microphone.

MARIAN ENGINEERING COLLEGE
DEPARTMENT OF
ELECTRONICS & COMMUNICATIONS

**ART OF
SUCCESS**

- A MOTIVATIONAL TALK
- ORGANIZED BY
- THE ELECTRONICS ASSOCIATION

SPEAKER
Mr. ABHINANTH J
M-Tech student in CET,
Faculty & Trainer,
Kerala Child Line
(Former Senate Chairman, MEC)

DATE :
15-05-2021 SATURDAY
TIME :
11 AM - 12 PM

ALL ECE STUDENTS ARE INVITED

13. A script writing competition, “Poomaram”

Date: 13-06-2021

Time: 2 days for submission.

Coordinators: Sabrish, Anoop(S6T)

Participants: Students from all departments.

Judges-Ms. Dhanya Mathew, Swarna, Abhyshek.

Poster:



Winners:



14. An idea presentation competition, “**IDEATE**” (Dropped due to less participation)

Date: 29-05-2021

Coordinators: S4 Students.

Participants: Plus-Two Students from all departments.

15. A Project Expo, "Protocase" by the S8 students

Date: 15-07-2021

Time: 10.30am to 12.00pm

Coordinators: Laxman, Sruthi, Pankaj(S8T)

Participants: All Staffs & Students from ECE department.

Poster:



 **DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**
MARIAN ENGINEERING COLLEGE

ELECTRONICS ASSOCIATION PRESENTS
PROTOCASE
PROJECT EXPO BY S8 ECE STUDENTS

15 JULY 2021

Time : 10:30 am
Platform : Google meet

All Students Of ECE Department are invited

16. A talk & a simple project show to Plus Two students, “All about Electronics & communication Engineering” & “DIY project show”.

Date: 28-07-2021

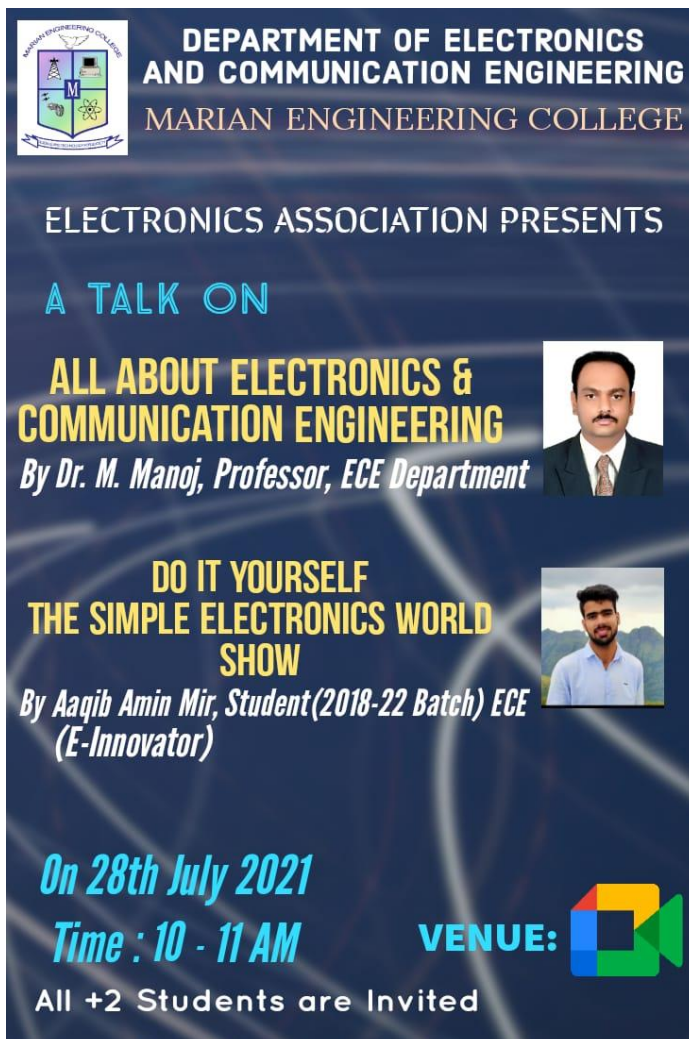
Time: 10.00am to 11.00am

Coordinators: Laxman, Sruthi, Pankaj(S8T)


Participants: Plus-Two students from all schools.

Speakers: Dr. M. Manoj, professor, ECE Dept,
Aquib Amin Mir(S6)

Poster:



The poster is for an event organized by the Department of Electronics and Communication Engineering at Marian Engineering College. It features a dark blue background with a subtle pattern of glowing lines. At the top left is the college's logo. The text is arranged in a clear, hierarchical manner, using different colors (white, yellow, cyan) for emphasis. Two speaker portraits are included: Dr. M. Manoj and Aquib Amin Mir. The event details, including the date, time, and venue, are prominently displayed at the bottom.


 **DEPARTMENT OF ELECTRONICS
AND COMMUNICATION ENGINEERING**
MARIAN ENGINEERING COLLEGE

ELECTRONICS ASSOCIATION PRESENTS

A TALK ON


**ALL ABOUT ELECTRONICS &
COMMUNICATION ENGINEERING**

By Dr. M. Manoj, Professor, ECE Department




**DO IT YOURSELF
THE SIMPLE ELECTRONICS WORLD
SHOW**

*By Aaqib Amin Mir, Student(2018-22 Batch) ECE
(E-Innovator)*



On 28th July 2021

Time : 10 - 11 AM

VENUE: 

All +2 Students are Invited