



DEPARTMENT ASSOCIATION OF
**ELECTRONICS AND
COMMUNICATION**

INNOVATIVE !!

INTERACTIVE!!

INSPIRE !!

YELECTRAZE 8.0

2020-21

Ver 1.0

SPECTRUM

MAGAZINE





Dr. MAHALINGAM COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

NPTC-MCET Campus, Udumalai Road Pollachi-642003
Ph no: 4259-236030/40/50; Fax -04259-236070

VISION OF THE INSTITUTE

We develop a globally competitive workforce and entrepreneurs.

MISSION OF THE DEPARTMENT

Dr. Mahalingam College of Engineering and Technology, Pollachi endeavours to impart high quality; competency based technical education in Engineering and Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status in the international level by means of infrastructure, start-of-the-art computer facilities and techniques.

MISSION OF THE DEPARTMENT

To strive for excellence in Electronics and Communication Engineering education, research and technological services imparting quality training to students, to make them competent and motivated Engineers.

MISSION OF THE DEPARTMENT

Department is committed to

- Impart quality engineering education in the areas of Electronics ,Signal Processing, Embedded Systems and Communication Networks.
- Equip the students with professionalism and technical expertise to provide appropriate solutions to societal and industrial needs.
- Provide stimulating environment for continuously updated facilities to pursue research through creative thinking and team work.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Actively apply technical and professional skills in engineering practices towards the progress of the organization in competitive and dynamic environment.

PEO2. Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge.

PEO3. Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

Programme Outcomes (POs)

Graduates of Electronics and Communication Engineering Programme will be able to

PO 1. Engineering Knowledge: Apply the knowledge of Mathematics, Science and engineering to solve problems in the field of Electronics & Communication Engineering.

PO 2. Problem Analysis: Identify, formulate/model, analyse and solve complex problems in the field of Electronics & Communication Engineering.

PO 3. Design and Development: Design an electronic system/component, or process to meet specific purpose with due consideration for economic, environmental, social, political, ethical, health and safety issues.

PO 4. Conduct Investigations: Design and conduct experiment, analyze and interpret data to provide valid conclusions in the field of Electronics and Communication Engineering.

PO 5. Modern Tool Usage: Apply appropriate techniques and modern software tools for design and analysis of Electronic systems with specified constraints.

PO 6. Engineer and Society: Apply contextual knowledge to provide engineering solutions with societal, professional & environmental responsibilities.

PO 7. Environment and Sustainability: Provide sustainable solutions within societal

and environmental contexts for problems related to Electronics & Communication Engineering.

PO 8. Ethics: Comply with code of conduct and professional ethics in engineering practices.

PO 9. Individual and Team work: Perform effectively as a member/leader in multi-disciplinary teams.

PO 10. Communication: Communicate effectively to engineering community and society with proper aids and documents.

PO 11. Project Management & Finance: Demonstrate knowledge and understanding of the engineering and management principles to manage projects in multi-disciplinary environment.

PO 12. Lifelong Learning: Recognize the need for, and have the ability to engage in independent and lifelong learning.

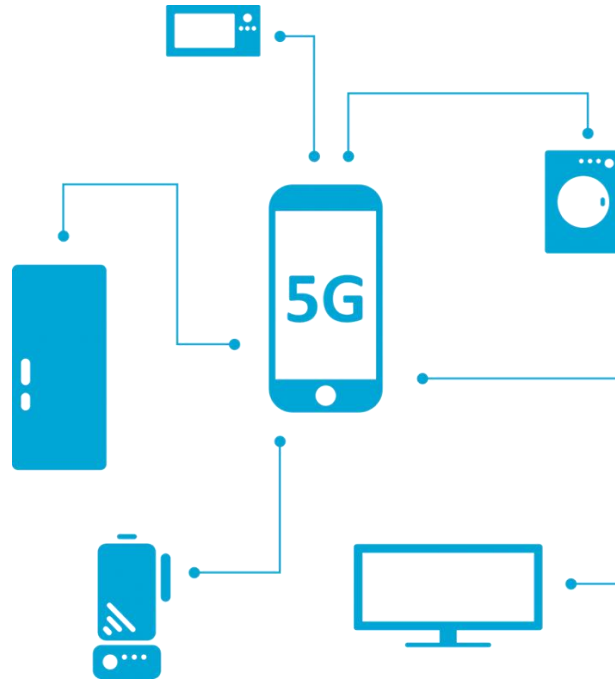
Programme Specific Outcomes (PSOs)

PSO1: Technology Deployment: Apply technologies of electronics, embedded systems, signal processing, communication and networking in the field of industrial automotive, consumer, medical and defense electronics industries.

PSO2 IC Design: Apply the design flow of Very Large Scale Integrated circuits to design and test Integrated Circuits in Semiconductor industries.

5G AND BEYOND: WHERE ARE WE HEADING?

Internet is a network of networks that consists of private, public, academic, business, and government networks from local to global scope, linked by a broad array of electronic, wireless, and optical networking technologies.



2G is short form for second-generation cellular network. 2G cellular networks were commercially launched on the GSM standard in Finland by Radiolinja in 1991.

2G USES

GSM has enabled the users to make use of the short messaging services (SMS) to any mobile network at any time. SMS is a cheap and easy way to send a message to anyone, other than the voice call or conference. This technology is beneficial to both the network operators and ultimate users at the same time.

2G ADVANTAGES

Digital systems are embraced by the consumers for many reasons. The lower powered radio signals require less battery power, so, the phones last longer between the charges and the batteries can be smaller.

2G DISADVANTAGES

You can see many advantages of 2G technology. But using the 2G technology requires powerful digital signals to help the mobile phones work. But the digital signals could be weak if there is no network coverage in a specific area.

3G is the third generation of wireless mobile telecommunications technology. It is the upgrade for 2.5G GPRS and 2.75G EDGE networks, for faster data transfer.

3G USES

3G finds application in wireless voice telephony, mobile internet access, fixed wireless internet access, video calls and mobile TV. **3G** telecommunication networks support services, that provide an information transfer rate of at least 144 kbps.

3G ADVANTAGES

The following can be seen as the advantages of 3G spectrum.

- New radio spectrum to relieve overcrowding in existing systems.
- More bandwidth, security and reliability.
- Interoperability between service providers.
- Fixed and variable data rates.
- Asymmetric data rates.

3G DISADVANTAGES

The cost of cellular infrastructure, for example

- upgrading base stations is very high
- Needs specific handsets.
- Roaming and data/voice working together has not yet been implemented
- Power consumption is high.

4G USES

4G is the shortened term for the fourth generation of the wireless data transmission networks set up by the mobile phone industry in order to offer more bandwidth and greater speeds for everyday mobile device operations, such as messaging, video calling and mobile TV.

4G ADVANTAGES

You can easily access internet , social networks, streaming media, video calling and the other broadband services. It is very stable when connected to the internet without any disruption and it does not throttle.

4G DISADVANTAGES

The consumer is forced to buy a new device to support the 4G environment. New frequencies means new components in the cell towers, higher data prices for the consumers. Your current equipment is not compatible with the 4G network. It has different network bands for different phones so, it is expensive and hard to implement.

5G AND THE FUTURE!

5G is the 5th generation mobile network that enables connecting virtually everyone and everything together including machines, objects and devices.

According to a study, 5G is expected to deliver speeds up to 100 times faster than typical 4G technology. As 5G technologies have been continuously evolving, it will certainly change the way we spend our lives. Our communications will be faster than we can imagine and our connections will be stronger, stable. But with such sky-high expectations also come some challenges.



When we imagine a future, powered by 5G, connected factory devices that “talk” to each other, mobile internet-connected to multiple devices at the same time, different vehicles communicating with the roads they travel on and accessibility of information at unprecedented speeds are coming to our mind, aren't they?

So, what next? 6G will try to offer a secure, stable and fast interconnected network of devices, speaking among themselves and of course interacting with us, the humans.

Yes, Smart Devices, Smart Cities and so a Smart life....is waiting



VASUDHEVAN S
III YEAR ECE - A

INTERNET OF THINGS (IoT)

Another promising new technology trend is IoT. Many “things” are now being built with Wi-Fi connectivity, meaning they can be connected to the Internet and to each other. Hence, the Internet of Things, or IoT. The Internet of Things is the future, and has already enabled devices, home appliances, cars and much more to be connected to and exchange data over the Internet.

As consumers, we're already using and benefitting from IoT. We can lock our doors remotely if we forget to when we leave for work and preheat our ovens on our way home from work, all while tracking our fitness on our Fitbits. However, businesses also have much to gain now and in the near future. The IoT can enable better safety, efficiency and decision making for businesses as data is collected and analyzed. It can enable predictive maintenance, speed up medical care, improve customer service, and offer benefits we haven't even imagined yet.

And we're only in the beginning stages of this new technology trend: Forecasts suggest that by 2030 around 50 billion of these IoT devices will be in use around the world, creating a massive web of interconnected devices spanning everything from smartphones to kitchen appliances. The global spending on the Internet of Things (IoT) is forecast to reach 1.1 trillion U.S. dollars in 2022. New technologies such as 5G is expected to drive market growth in the coming years.

And if you wish to step foot in this trending technology, you will have to learn about Information security, AI and machine learning fundamentals, networking, hardware interfacing, data analytics, automation, understanding of embedded systems, and must have device and design knowledge

RAMYAKRISHNA T
III YEAR ECE -B

EDGE COMPUTING

Formerly a new technology trend to watch, cloud computing has become mainstream, with major players AWS (Amazon Web Services), Microsoft Azure and Google Cloud Platform dominating the market. The adoption of cloud computing is still growing, as more and more businesses migrate to a cloud solution. But it's no longer the emerging technology trend.

Edge is a quantity of data organizations are dealing with continues to increase, they have realized the shortcomings of cloud computing in some situations. Edge computing is designed to help solve some of those problems as a way to bypass the latency caused by cloud computing and getting data to a datacenter for processing. It can exist "on the edge," if you will, closer to where computing needs to happen. For this reason, edge computing can be used to process time sensitive data in remote locations with limited or no connectivity to a centralized location. In those situations, edge computing can act like mini datacenters.

Edge computing will increase as use of the Internet of Things (IoT) devices increases. By 2022, the global edge computing market is expected to reach \$6.72 billion. And this new technology trend is only meant to grow and nothing less, creating various jobs, primarily for software engineers.

PRATHIBA P

III YEAR ECE -B

ROBOTIC PROCESS AUTOMATION

Like AI and Machine Learning, Robotic Process Automation, or RPA, is another technology that is automating jobs. RPA is the use of software to automate business processes such as interpreting applications, processing transactions, dealing with data, and even replying to emails. RPA automates repetitive tasks that people used to do.

Although Forrester Research estimates RPA automation will threaten the livelihood of 230 million or more knowledge workers, or approximately 9 percent of the global workforce, RPA is also creating new jobs while altering existing jobs. McKinsey finds that less than 5 percent of occupations can be totally automated, but about 60 percent can be partially automated.

For you as an IT professional looking to the future and trying to understand new technology trends, RPA offers plenty of career opportunities, including developer, project manager, business analyst, solution architect and consultant. And these jobs pay well.

SARANYA M

III YEAR ECE - B

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Artificial Intelligence, or AI, has already received a lot of buzz in the past decade, but it continues to be one of the new technology trends because of its notable effects on how we live, work and play are only in the early stages. AI is already known for its superiority in image and speech recognition, navigation apps, smartphone personal assistants, ride-sharing apps and so much more.

Other than that AI will be used further to analyze interactions to determine underlying connections and insights, to help predict demand for services like hospitals enabling authorities to make better decisions about resource utilization, and to detect the changing patterns of customer behaviour by analyzing data in near real-time, driving revenues and enhancing personalized experiences.

The AI market will grow to a \$190 billion industry by 2025 with global spending on cognitive and AI systems reaching over \$57 billion in 2021. With AI spreading its wings across sectors, new jobs will be created in development, programming, testing, support and maintenance, to name a few. On the other hand AI also offers some of the highest salaries today ranging from over \$1,25,000 per year (machine learning engineer) to \$145,000 per year (AI architect) - making it the top new technology trend you must watch out for!

Machine Learning the subset of AI, is also being deployed in all kinds of industries, creating a huge demand for skilled professionals. Forrester predicts AI, machine learning, and automation will create 9 percent of new U.S. jobs by 2025, jobs including robot monitoring professionals, data scientists, automation specialists, and content curators, making it another new technology trend you must keep in mind too!

SARANYA K

III YEAR ECE B

BLOCK CHAIN

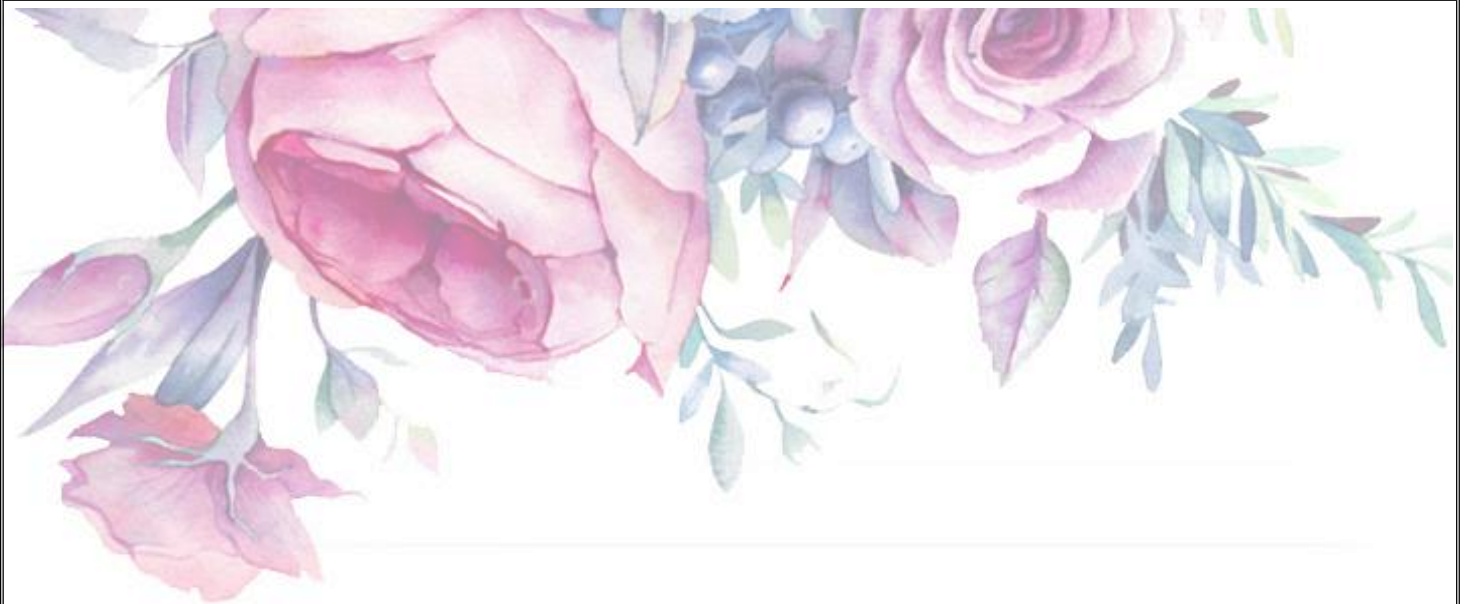
Although most people think of blockchain technology in relation to cryptocurrencies such as Bitcoin, blockchain offers security that is useful in many other ways. In the simplest of terms, blockchain can be described as data you can only add to, not take away from or change. Hence the term “chain” because you’re making a chain of data. Not being able to change the previous blocks is what makes it so secure. In addition, blockchains are consensus-driven, so no one entity can take control of the data. With blockchain, you don’t need a trusted third-party to oversee or validate transactions.

Several industries are involving and implementing blockchain, and as the use of blockchain technology increases, so too does the demand for skilled professionals. From a bird’s eye view, a blockchain developer specializes in developing and implementing architecture and solutions using blockchain technology. The average yearly salary of a blockchain developer is ₹469K. If you are intrigued by Blockchain and its applications and want to make your career in this trending technology, then this is the right time to start. To get into Blockchain, you need to have hands-on experience of programming languages, the fundamentals of OOPS, flat and relational databases, data structures, web app development, and networking.



SRIKASHALINI K

III YEAR ECE - B



STUDENTS' ENGLISH POEMS



SPEAK!!

Step in your own
way Think a lot to
say!!

Make the people happier and
Give them something
snappier!!

Become a great
speaker And be a
peace seeker!!!

Think... think...
think...

But don't get sink.

When all admire...

You shouldn't expire!!!

Aware... aware...
aware... You should
also beware.

The words of
you... Must
praise you!!

If the speech of you is bold...
The "Best speaker" you're
told!!!

The better way you
practice People must
write a thesis!!! So, dump
your feelings...

Which isn't a difficult dealing!!!

So, get set ready...

Your speech must be
steady... Really everyone
will study and

This world would be your teddy!!!



ADITYA SAGAR P
II YEAR ECE-A

MY FRIEND IN DISGUISE

The colourful rainbow to my colourless clouds; The
shining moon to my starless nights;
The brightest sun to my darker days; The
patting shoulders at my deep blues;
The ice cream when my world turns up into a brownie; The
sauce to my messed up spaghetti;
The other half to my broken half, Is
my BEST FRIEND in disguise.



SIVANI S K
II YEAR ECE – A



PHOTOGRAPHY

"Photography is all about Light, Composition and more importantly Emotion.."

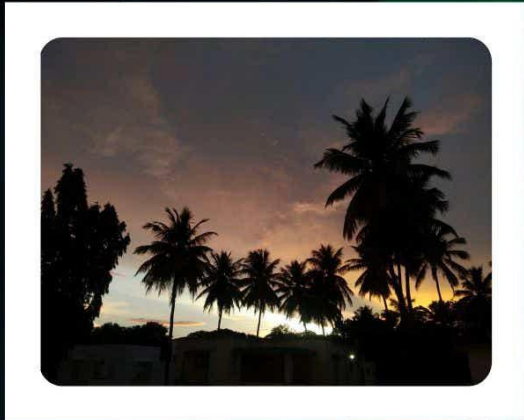


Here are some Beautiful shots of our Department Students..



PRATHIUSHA K

19BEC009 - III YEAR
ECE A



ARUNA S

19BEC068 - II YEAR
ECE B



ARUN PRASAATH

18BEC063 - III YEAR
ECE A



MONASRI A

19BEC020 - II YEAR
ECE B



RITHIKA AB

19BEC100 - II YEAR
ECE B



ARTS...





SWETHA V

19BEC062 - II YEAR
ECE B

SABAREESH R

18BEC086 - III YEAR
ECE A





ROOBASHRI B
20BEC312 - II YEAR
ECE B



NAGAYASASHWINI N

18BEC094 III YEAR
ECE-B



MANUNEETHI R

19BEC025 - II YEAR
ECE A

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Details of Workshop/Webinar

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level
1.	18BEC077	Nithin K	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
2.	18BEC085	Nivedha S P	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
3.	18BEC063	A S Arun Prassath	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
4.	18BEC093	Prem K R	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
5.	18BEC095	R. V Arun Pandeeswaran	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
6.	18BEC023	Kishore P	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
7.	18BEC101	D Aadithya	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National

8.	18BEC089	Manoj K	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA'19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
9.	18BEC077	Nithin K	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
10.	18BEC017	T Sujitha	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
11.	18BEC037	Keerthana S	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
12.	18BEC096	Sri Rajan S	Workshop on "Advanced Commuting" in ECHO 2K19 by Department of ECE, CIT, Coimbatore	22.08.2019	National
13.	18BEC058	G Pradheena	One day workshop in Internet of things with Android, Pantech ProEd Private Limited	21.07.2019	National
14.	18BEC024	Ruban Rozario I	Workshop on "Advanced Commuting" in ECHO 2K19 by Department of ECE, CIT, Coimbatore	22.08.2019	National
15.	18BEC068	Mohamed Javith A	One day workshop in Cloud Based Machine Learning for IoT device with Android, Pantech ProEd Private Limited	07.07.2019	National
16.	17BEC007	P Harishmithaa	Participated in the value added course on "RF circuit and Antenna Design using ADS", Department of ECE, Dr MCET	05.08.2019 and 06.08.2019	State
17.	17BEC080	Rahul SS	Participated in the value added course on "RF circuit and Antenna Design using ADS", Department of ECE, Dr MCET	05.08.2019 and 06.08.2019	State
18.	17BEC014	Mukesh Aravind	Participated in the one day workshop on EDA Design Tool during National Summit Sri Eshwar Industry Connect 2019	26.07.2019	National

19.	17BEC040	Kavin	Participated in the one day workshop on EDA Design Tool during National Summit Sri Eshwar Industry Connect 2019	26.07.2019	National
20.	17BEC011	S Sushindran	Attended one day Beekeeping Training at department of Agricultural Entomology, TNAU, Coimbatore	06.09.2019	National
21.	17BEC107	Rinya Sunil	Attended one day Beekeeping Training at department of Agricultural Entomology, TNAU, Coimbatore	06.09.2019	National
22.	19BEC045	S Sathish Kumar	Participated in the workshop AR/VR during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National
23.	19BEC045	S Sathish Kumar	Achieving an Eminent world record under the theme "World Biggest International Hands-On IoT & Ethical Hacking Workshop" from wikitechy and Microsoft Research Community Group, Chennai	13.10.2019	National
24.	18BEC096	S Srirajan	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
25.	18BEC062	Saranya M	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
26.	18BEC100	H Shreesharan	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
27.	18BEC002	L K Silvas Melshia	Workshop on Industry 4.0 organized by the Department of EEE, as a part of ELECT-ERA 2K19 CIT, Coimbatore	03.08.2019	National
28.	18BEC029	S Anisha	Workshop on "The role of IOT in the autonomous vehicle" organized by ECE, GCT Coimbatore	29.02.2020	National
29.	18BEC103	R Mythily	Workshop on "The role of IOT in the autonomous vehicle" organized by ECE, GCT Coimbatore	29.02.2020	National
30.	17BEC037	Indhumathi M	Participated the Online Training Program on Electronic System Design Flow - Architecture & Schematic Design Capture using OrCAD PSpice	04.06.2020	National
31.	19BEC045	Sathish kumar.S	Participated in the webinar on "Introduction to networking & Huawei Certification" organized by	28.05.2020	National

			Department of IT, Jersusalem College of Engineering, Chennai		
32.	18BEC056	M Manjubala	successfully completed VLSI Design using Verilog HDL – Webinar, by maven-silicon	04.02.2020	National
33.	18BEC004	B Kasthurimeena	successfully completed VLSI Design using Verilog HDL – Webinar, by maven-silicon	04.02.2020	National
34.	18BEC050	V Sangeerthana	successfully completed VLSI Design using Verilog HDL – Webinar, by maven-silicon	04.02.2020	National
35.	18BEC014	Jeeva R S	participated in webinar for two days entitled “CMOS circuit design in Cadence virtuoso in 180nm” organized by IEEE- Student Branch (STB 10084) of K.Ramakrishnan College of Technology, Samayapuram, Trichy	19.06.2020 and 20.06.2020	National
36.	17BEC041	Lakshmi Prabha V	Participated in the webinar on “design the Thinking” at Sri Eshwar College of Engineering, Coimbatore	22.05.2020	National
37.	17BEC076	Nithin Barath VP	Participated in the webinar on “IoT hardware design” at Dr Mahalingam College of Engineering and Technology	25.05.2020	National
38.	19BEC019	Rohit G	Participated in the webinar on “IoT hardware design” at Dr Mahalingam College of Engineering and Technology	25.05.2020	National
39.	19BEC045	Sathish kumar.S	Participated in webinar entitled “Embedded system beginners” organised by department of electrical and and technology, coimbatore	15.06.2020	National
40.	19BEC045	Sathish kumar.S	Participated in “WEBINAR ON IOT” conducted by Mohamed Sathak Engineering College, Department of Electronics and Communication Engineering in Association with Pantech ProEd Pvt Ltd Madurai.	19.05.2020	National
41.	19BEC045	Sathish kumar.S	Participated in webinar on “Fascinating Phase singularities” organized by Faculty of Physics, Jerusalem College of Engineering	29.05.2020	National
42.	19BEC045	Sathish kumar.S	Participated in the webinar on “IoT hardware design” at Dr Mahalingam College of Engineering and Technology	25.05.2020	National

43.	17BEC071	Soundharyaa.B	Participated in the webinar on “IoT hardware design” at Dr Mahalingam College of Engineering and Technology	25.05.2020	National
44.	18BEC066	Kaamil Hasan Khan A	Participated webinar on Aptitude & Technical; Fine Mind Placement Academy Pvt Ltd, Dr MCET	10.06.2020	National
45.	18BEC086	R Sabareesh	Workshop on AI and Edge computing with IoT, conducted as a part of technical fest CRYPTERA’19 organized by the department of Computer science and Engineering, CIT, Coimbatore	28.08.2019	National
46.	19BEC003	Sri Rathan Vignesh s	Successfully completed online hands on workshop on the design and development of “Obstacle Avoiding Robot Using Arduino Uno” by Excel Institutions in collaboration with Dynamic Training and developing Technologies.	31.05.2020	National
47.	18BEC304	Jeevanantham	Participated in the one day workshop on EDA Design Tool during National Summit Sri Eshwar Industry Connect 2019	26.07.2019	National
48.	18BEC002	L K Silvas Melshia	successfully completed VLSI Design using Verilog HDL – Webinar, by maven-silicon	04.02.2020	National
49.	17BEC033	K Anitha	Participated in the two days hands on training in “Network Simulation Tools” at Dr MCET	18.02.2020 and 19.02.2020	National
50.	17BEC023	G Keerthana	Participated in the two days hands on training in “Network Simulation Tools” at Dr MCET	18.02.2020 and 19.02.2020	National
51.	17BEC068	M L Swasthika	Participated in the two days hands on training in “Network Simulation Tools” at Dr MCET	18.02.2020 and 19.02.2020	National
52.	17BEC012	Nivethitha K S	for demonstrating competence in the completion of Fundamentals Of Deep Learning For Computer Vision, Nvidia Deep Learning Institute	2020	National
53.	18BEC014	Jeeva R S	Participated in the Webinar “The Role of Recovery” In Association with IEEE Computer Institute of Technology	28-05-2020	National
54.	19BEC045	Sathish Kumar.S	Participated in the webinar ‘Small satellites in emerging Space environment’ organized by small satellite Technology mission, Karunya Institute of Technology and Sciences, Coimbatore	28.05.2020	National

55.	19BEC045	Sathish Kumar.S	Participated in the webinar 'Product Life cycle management in aerospace Engineering' organized by Karunya Institute of Technology and Sciences, Coimbatore	30.05.2020	National
56.	19BEC045	Sathish Kumar.S	participated in the Webinar on Insight of Amateur Radio & Robotics an online program offered remotely by KPR institute of engineering and technology	07.05.2020	National
57.	18BEC012	Srinath S	participated in the "Business Communication" Webinar held in association with Sri Manakula Vinayagar Engineering College (Department of Electrical & Electronics Engineering, Madagadipet, Puducherry)	30.05.2020	National
58.	17BEC017	Venkatesan B	Successfully completed one week faculty development program on " Xilinx Vivado Technique and Machine learning algorithm using PYNQ frame work	08.06.2020 to 12.06.2020	National

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Details of Symposium/Technical Events/Projects/Non Technical

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level	Prize if any
1.	18BEC055	Ranjith S	Participated in the event Hashtag during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
2.	18BEC099	Sowthiknikash K M	Participated in the event Hashtag during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
3.	18BEC017	T Sujitha	Participated in the event Progressio Version 1.0 during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
4.	18BEC017	T Sujitha	Participated in Mini-Anveshana 2019 Science & Engineering fair Bengaluru	06.11.2019	National	-
5.	18BEC017	T Sujitha	Participated in the event Hack-It Up during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	First
6.	18BEC037	Keerthana S	Participated in Mini-Anveshana 2019 Science & Engineering fair Bengaluru	06.11.2019	National	-
7.	18BEC037	Keerthana S	Participated in the event Progressio Version 1.0 during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
8.	18BEC037	Keerthana S	Participated in the event Hack-It Up during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
9.	18BEC019	D.V. Hamirdhavallo	Participated in the event Hack-It Up during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	First
10.	18BEC019	D.V. Hamirdhavallo	Participated in Mini-Anveshana 2019 Science & Engineering fair Bengaluru	06.11.2019	National	-
11.	18BEC019	D.V. Hamirdhavallo	Participated in the event Progressio Version 1.0 during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-

12.	18BEC058	G Pradheena	Completed Mini Project in Embedded systems titled “Agriculture Field Monitoring System” at emglitz technologies	28.11.2019 to 02.12.2019	State	-
13.	18BEC058	G Pradheena	TECHNOFETE’19	25.09.2019 and 26.09.2019	National	Third
14.	18BEC024	Ruban Rozario I	Participated in the event E-360 during TECHNOFETE’19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	Third
15.	18BEC024	Ruban Rozario I	Completed Mini Project in Embedded systems titled “Agriculture Field Monitoring System” at emglitz technologies	28.11.2019 to 02.12.2019	State	-
16.	18BEC068	Mohamed Javith A	Outstanding Performance in Prelims round of IoT Challenge 2020 event conducted by i3indya Technologies at KLN College of Engineering, Pottapalayam	12.09.2019 and 13.09.2019	National	-
17.	18BEC068	Mohamed Javith A	Participated in IoT Challenge 2020 event conducted by i3indya Technologies at KLN College of Engineering, Pottapalayam	12.09.2019 and 13.09.2019	National	-
18.	17BEC022	Meena rajalakshmi B	Participation in the Electronic Devices & Circuits – online contest by TI university Program	07.09.2019	National	-
19.	17BEC022	Meena rajalakshmi B	Participation in the Computer Networks – contest by TI university Program	11.09.2019	National	-
20.	17BEC022	Meena rajalakshmi B		08.09.2019	National	-
21.	17BEC022	Meena rajalakshmi B	Participation in the Microcontroller & Applications – online contest by TI university Program	08.09.2019	National	-
22.	17BEC022	Meena rajalakshmi B	Participation in the Data Structures – online contest by TI university Program	08.09.2019	National	-
23.	17BEC022	Meena rajalakshmi B	Participation in the Python Programming – contest by TI university Program	08.09.2019	National	-
24.	17BEC022	Meena rajalakshmi B	Participation in the Digital electronics - online contest by TI university Program	08.09.2019	National	-
25.	17BEC022	Meena rajalakshmi B	Participation in the Linear Integrated Circuits – contest by TI university Program	04.09.2019	National	-
26.	17BEC011	Sushindren	Participated in DST & Texas Instruments India Innovation Challenge Design Contest 2019	Sep 2019	National	-

27.	17BEC011	S Sushindren	Participated in the event Progressio Version 1.0 during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	Second
28.	17BEC031	Shafiudeen M	Participated in Mini-Anveshana 2019 Science & Engineering fair Bengaluru	06.11.2019	National	-
29.	17BEC031	Shafiudeen M	Participated in the National Science & Technology Fair 2019 organised by The Coimbatore District Small Industries Association(CODISSIA), Coimbatore	29.08.2019 to 31.08.2019	National	-
30.	17BEC015	R S Shakthivelu	Participated in the National Science & Technology Fair 2019 organised by The Coimbatore District Small Industries Association(CODISSIA), Coimbatore	29.08.2019 to 31.08.2019	National	-
31.	17BEC011	S Sushindren	Participated in the National Science & Technology Fair 2019 organised by The Coimbatore District Small Industries Association(CODISSIA), Coimbatore	29.08.2019 to 31.08.2019	National	-
32.	17BEC011	S Sushindren	Participated in Mini-Anveshana 2019 Science & Engineering fair Bengaluru	06.11.2019	National	-
33.	19BEC003	S Sri Rathan Vignesh	Participated in the event Rapid Currents during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	Third
34.	19BEC306	S Yeswanthi	Participation in the NEC Idea Idea Challenge event as a part of NEC start Entrepreneurship Summit(NECSSES) 2019 at National Engineering College, Kovilpatti, Tamilnadu	21.09.2019 and 22.09.2019	National	-
35.	19BEC322	V Swetha	Participation in the NEC Idea Idea Challenge event as a part of NEC start Entrepreneurship Summit(NECSSES) 2019 at National Engineering College, Kovilpatti, Tamilnadu	21.09.2019 and 22.09.2019	National	-
36.	19BEC310	G M Bhoomika	Participation in the NEC Idea Idea Challenge event as a part of NEC start Entrepreneurship Summit(NECSSES) 2019 at National Engineering College, Kovilpatti, Tamilnadu	21.09.2019 and 22.09.2019	National	-
37.	16BEC060	B Sindhulekha	Participated in the event Hashtag during TECHNOFETE'19 held at Dr. MCET, Pollachi	25.09.2019 and 26.09.2019	National	-
38.	17BEC098	Harshini T	Successfully completed the online quiz titled Aptitude, hosted by PG Department of Mathematics with a passing score of 100%. KSR college of ARTS and Science for women	11.05.2020	National	-

39.	19BEC045	Sathish kumar.S	Successfully completed Quiz on Thermodynamics conducted by department of Mechanical Engineering, Mohamed Sathak A J College of Engineering.	29.05.2020	National	-
40.	18BEC080	Prathiba P	Participated in the event Break the sequence held at Kumaraguru campus, Coimbatore Yugam 2020	05.03.2020 to 07.03.2020	National	-
41.	18BEC030	Nivitaa	Participated in the event Circuitrix the sequence held at Kumaraguru campus, Coimbatore Yugam 2020	05.03.2020 to 07.03.2020	National	-
42.	19BEC029	J Michkel Anglo	Participated in the event “Python for data science” during Technofete’19 at Dr MCET	26.09.2020	National	-
43.	19BEC029	J Michkel Anglo	Participated in the AICTE, CSIR sponsored 3 rd International Conference on RESE 2019, Dr MCET	12.12.2019 to 14.12.2019	International	-
44.	18BEC082	Srimathy	Participated in the AICTE, CSIR sponsored 3 rd International Conference on RESE 2019, Dr MCET	12.12.2019 to 14.12.2019	International	-
45.	19BEC077	B Yuvan sankar raja	Participated in the RF system workshop-keysight during Technofete19 at Dr MCET	25.09.2020	National	-
46.	18BEC058	Pradheena	Participated in the event Nexus the sequence held at Kumaraguru campus, Coimbatore Yugam 2020	05.03.2020 to 07.03.2020	National	-
47.	18BEC058	Pradheena	Participated in the event Treasure Hunt the sequence held at Kumaraguru campus, Coimbatore Yugam 2020	05.03.2020 to 07.03.2020	National	-
48.	18BEC058	Pradheena	Participated in the pencil drawing competition conducted on the occasion of International Women’s day celebrations	07.03.2020	College	First
49.	17BEC013	Gokul Ananth R	Participated in the AICTE, CSIR sponsored 3 rd International Conference on Renewable Energy Sustainable(RESE2019), Dr.MCET, Pollachi. Titled “Plantonomous version 2.0”	12.12.2019 to 14.12.2019	International	-
50.	17BEC013	Gokul Ananth R	Participated in Anveshana 2020, Science and Engineering fair	25.02.2020, 26.02.2020 and 27.02.2020	National	-
51.	17BEC027	Mohamedashik A	Participated in DST and Texas Instruments India Innovation Challenge Design Contest 2019 powered by AICTE	02.01.2020	National	-
52.	17BEC116	Samyukta K	Participated in DST and Texas Instruments India Innovation Challenge Design Contest 2019 powered by AICTE	02.01.2020	National	-

53.	17BEC013	Gokul Ananth R	Quarterfinalist in AICTE, DST & Texas Instruments India Innovation Challenge Design Contest 2019	02.01.2020	National	Quarter finalist
54.	17BEC001	Karthick K	Quarterfinalist in AICTE, DST & Texas Instruments India Innovation Challenge Design Contest 2019	02.01.2020	National	Quarter finalist