

DEPARTMENT ASSOCIATION OF ELECTRONICS
AND COMMUNICATION ENGINEERING

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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 INSTITUTE

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.

VISION 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 multidisciplinary 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.

DRONES IN BLOOD DELIVERY

There is in need of a device which delivers blood packs during emergency situation at the times of flood, in areas where there is heavy traffic and to the tribal villages where medical camp has been set up and vehicles take more time in reaching the spot. Hence for this purpose hexacopters can be used. It is a six propeller device that carries a camera and features four leg shaped skis. These skis allow the device to be stable when it lands. It has more lifting power than quadcopters and reaches higher altitudes. The main advantage is that it keeps flying even if one propeller blade fails, by placing the propeller blades powering the motor 120 degrees apart. They can be controlled by the pilot by using the transmitter if any problem occurs and they can be operated in dual mode. The weight of the drone is 700 gram and the payload weight is 5600 grams and speed is 21m/s (approx.).It is more cost efficient than drones using wings.

By means of INAV and N8N flight controller GPS module is fixed which makes the copter to reach its destination and return back to the source automatically. Ultrasonic sensor is used for obstacle detection. Blood packets are safely placed in a box and they are scanned to find the blood groups of the packet delivered and scan code is provided by the pilot to check whether the blood packet has been taken by the person in need. Hence there is safe landing and delivery of other critical medicines on time.

Altimeters, accelerometers, gyro meters are used to maintain the altitude and fly in the direction of the wind. The flight time is 15-30 min depending on the cargo and vertical takeoff and landing is used for safe delivery.



VIMALA T

IIIrd YEAR ECE-B

INDUCTORS IN INTEGRATED CIRCUITS

Most of the analog and digital circuits are possible to be implemented in Integrated Circuits, but it is still not possible to put inductor inside Integrated circuits. This is because that inductor occupies a comparatively huge area in IC than all other components being fabricated inside it. Also, the induced magnetic field affects the nearby components and changes the properties of the corresponding components. Normally in ICs, pseudo inductors (i.e.) resistors and capacitors are used instead of inductors and they perform more similar like real inductors. But in some applications (i.e.) for Radio Receivers and Satellite Communications. So, there is a need to miniaturize inductors and design them into ICs to allow for low real state requirement on PCBs. The efficient solution for this problem is the use of bond wires. Inductors can be fabricated through bond wires connecting the core die and package pins. In addition, to provide good isolation and to reduce EMI/EMC problems, Guard rings are placed around inductors. Bond wires can be made of any material like gold, silver, copper and aluminium. But gold is used mostly where performance is meant to be important criteria. If properly designed, wire bonding can be used at frequencies above 100 GHz. Bond wires are usually of 15 μ m thickness. So, we can miniaturize the size of inductors with the help of them. As guard rings provide better isolation between neighboring components, there will be no such effect of electromagnetic interference (EMI) at high frequencies. In this way, inductors can be miniaturized and fabricated inside ICs meant for high frequency and satellite communications.



SINDHU LEKHA B

IIIrd YEAR ECE-B

WASTE MANAGEMENT

Dust plays a dominant role in cement industry. It mostly affects the worker health such as silicosis (lung cancer) and heart attack. Hence it leads to decrease the efficiency of the machine. Our aim is to sense the dust in the Grinding sector and settle it by spraying the chemicals (Ion carboxylic foam) in the atmosphere. During cement production 1.4% of total production has been wasted in the form of dust. It affects the worker health and efficiency of the machine. In Cement manufacturing during grinding process more dust are produced by the machines, it leads to tremendous health issues(Silicosis, Heart attack) and decreasing the efficiency of the product as well as machine. We came to know that 46,000 peoples were died by silicosis due to the inhale of tiny particles of silica. By the emission of dust, it leads to damage the expensive machines that results in decrease its efficiency and also workers health are at risk. The intensity of dust is also measured by Dust Sensor. Based on sensed value, the chemical quantity is decided by the controller. Then chemical is sprayed in atmosphere using sprayer.



C.GOPALAKRISHNA

IIIrd YEAR ECE-B

HIGH VOLTAGE DIRECT CURRENT (HVDC)

An HVDC converter converts electric power from High voltage alternating current(AC) to High-voltage direct current(HVDC) or vice-versa. HVDC is used as an alternative to AC for transmitting electrical energy over long distances by overhead transmission lines or submarine cables. HVDC converters capable of converting up to two giga watts and with voltages ratings of up to 1100 kilo volts (kV) have been built and even high ratings are technically feasible. A complete converter station may contain several such converters in series or parallel. Almost all HVDC converters are inherently bidirectional, they can convert either from AC to DC or from DC to AC. A complete HVDC system always includes at least one converter operator as a rectifier, and at least one operating as an inverter. Some HVDC systems take full advantage of this bidirectional property. HVDC is used to interconnect separate power systems, where traditional alternating current (AC) connections cannot be used.

Why HVDC?

An HVDC line has lower power losses than an HVAC of the same capacity in practically all cases, which means more power is reaching its final destination. HVDC systems also have a lower environmental impact because they require fewer overhead lines to deliver the same amount of power as HVAC systems.

S.SOWBAKIYAM

IInd YEAR ECE-A

E-MOBILITY

The importance of e Mobility is increasing rapidly for the automotive industry and for people who want to **go green**. In 2018 there were 3.3 million battery electric vehicles on the streets worldwide. One of those measures is the Clean **Hydrogen Fuel Cell** which provides clean electricity and reduces dependency on diesel generators.

The Hydrogen (H₂) is made from water in an electrolyser, powered by 100% renewable energy (from a wind farm or solar panels), so it does not pollute the atmosphere with fumes or carbon dioxide. The fuel cell combines hydrogen with oxygen from the air to create **150kW** of electrical energy, which then powers the electric cars.

The automotive industry has certainly been getting a lot of flak in recent decades for being one of the primary contributors to environmental degradation, particularly in **air pollution**. And one of their moves is to produce more environment-friendly vehicles. Electric cars are seen to be one of the best solutions, and this spurred the introduction of electric mobility – or e-mobility – technologies.

Even a 1979 vintage Volkswagen Bull-E showcased at the festival runs on electric power. “That supports the way we want to live - happily, sustainably and in harmony,”

Benefits of E-mobility:

- E-mobility will help reduce the amount of energy required and utilized by the transportation sector.
- E-mobility challenges car makers and manufacturers to think outside the box. As the threat of competitors' coming out with more efficient electric vehicles increase, they are also likely to put in more effort and resources into making vehicles that are better – more energy-efficient, lighter, and offer higher performance.
- E-mobility will create employment opportunities. The automotive industry will be more confident in the development
- Globalized standards and e-mobility technology will minimize barriers to trade, allowing for harmonious working relationships among manufacturers and among nations.



RAJESHWARAN M
IInd YEAR ECE - A

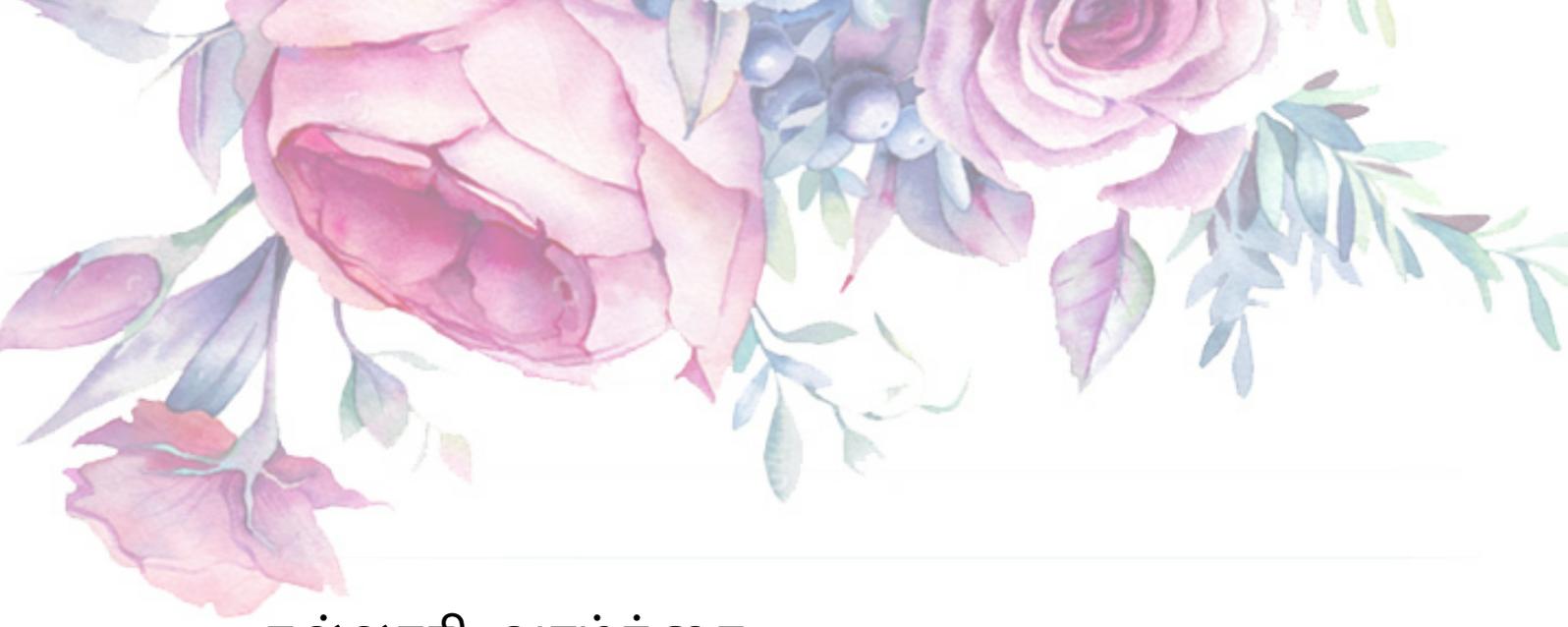
NATION

The land founded with unquenchable hope.,
Do we really achieved it.??
No., people are still wool-gathering about it
Place which is renowned for its "Unity in diversity"..
At now its slowly evanescing....
It may flabbergasts us., its simple.,
When we have unscrupulous politicians., it Will be our fate..
The greatest nation which taught "Non violence".,
Has taken a U turn due to human Charlatans...
We have laws which can't protect its., Daughters from kanyakumari to Kathua..
Do our farmers are into an opulent life style?
Nope...they are begging in streets for a better life..
Its the nation where currency notes could lose their value over night..
Don't we have good government here..??
Yeah., we have people's government functioning for corporate..
Is there any way to overcome this.?
Yes., when we develop patriotism..
Let's know our constitution and create miracles in the nation..!



K.N.KRISHNA PRASAD

16BEC056



கல்லூரி வாழ்க்கை

ஒற்றை புத்தகம் கையில் எடுத்து நடை போட
ஒரு வீரம் பிறக்கும் அடி மனதில்!
ஒட்டு மொத்த புத்தகமும் எடுத்து வர
ஒரு வித தயக்கம் பிறக்கும் மனதில்!

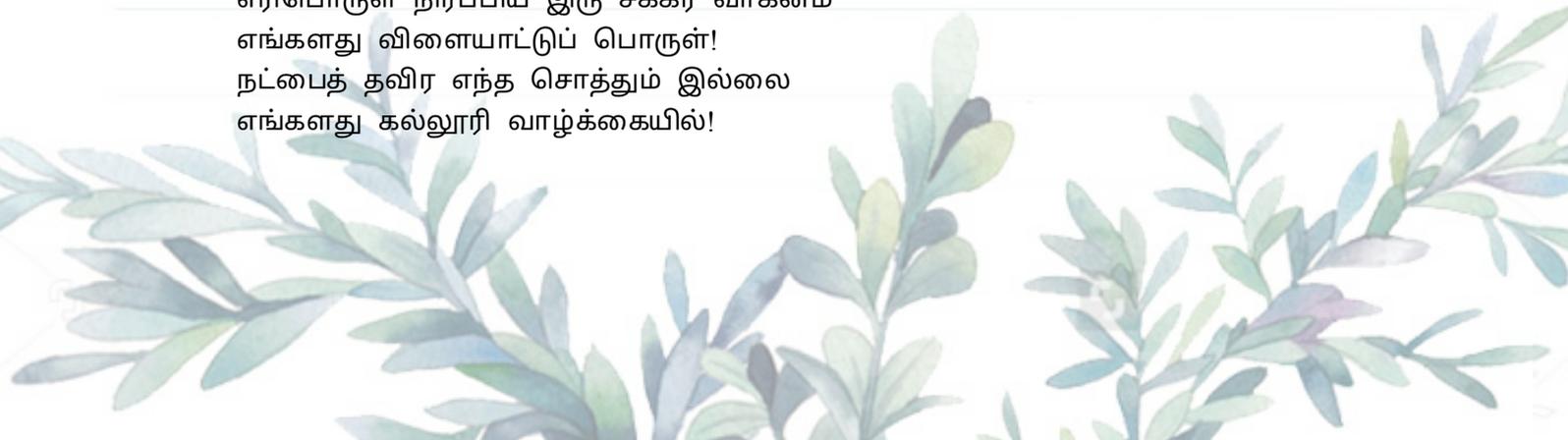
எதுவும் தெரியாமல் தேர்வறையில் அமர்ந்து
ஏதேதோ எழுதி விட்டு நாங்கள் வெளி வர
செமஸ்டர் வழக்கிற்கு தீர்ப்பு கிடைக்கும்
அடுத்த ஒரு சில மாதங்களில்!

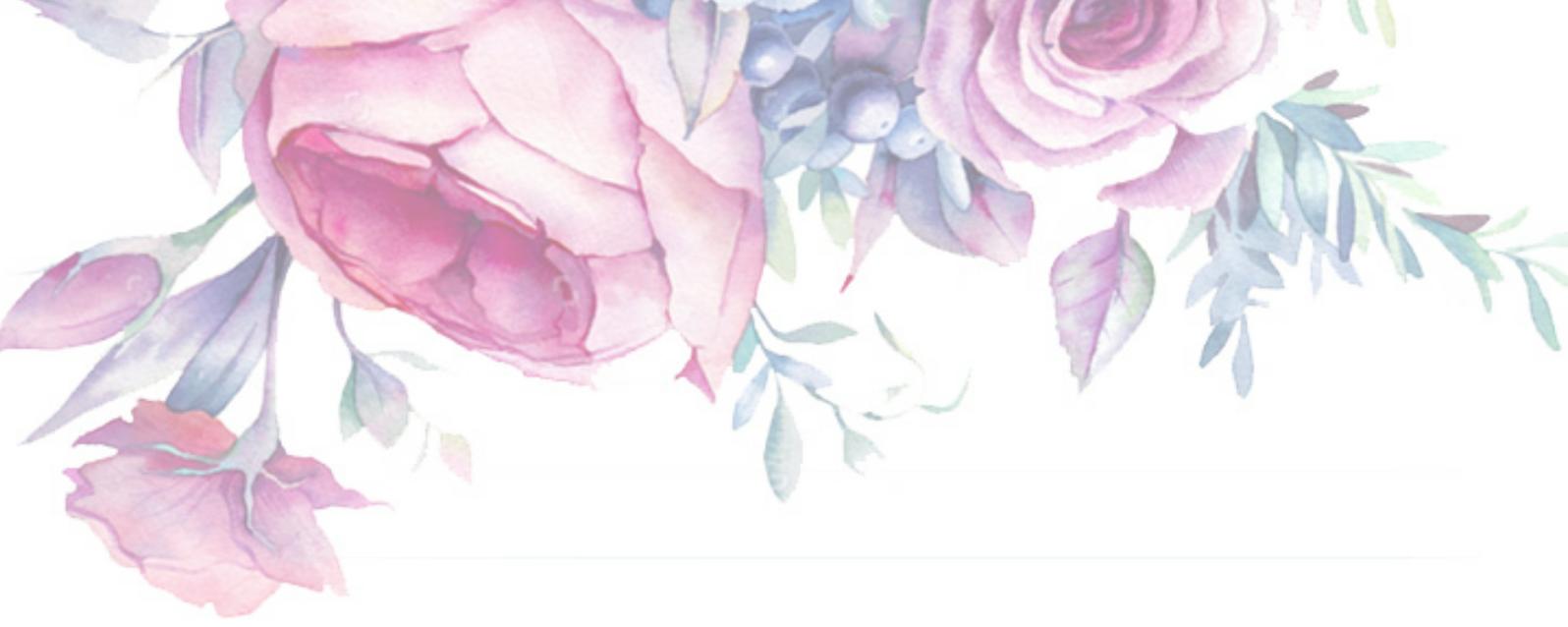
மனம் சிறிதாக சோகம் காணும்
மதிப்பு இல்லாத எண்கள் மதிப்பெண்களால்!
அரியர் இல்லா மனிதன் அரை மனிதன்
சோகமே மாறும் கல்லூரி பழமொழியினால் !

வகுப்பறையின் இருக்கையில் பாதம் பதித்து
அங்கும் இங்குமாய் ஓடி விளையாடி
ஓய்வெடுத்து கடைசி இருக்கையில் அமர
கால் உடைந்து ஓய்வு எடுக்கும் முதல் இருக்கை!

தோள்மேல் கை போட்டு நாங்கள் வலம் வர
வழி விட்டு ஒதுங்கும் சோகங்கள்!
கூடி நின்று அரட்டை அடிக்கும் நேரங்கள்
வாடாத மல்லிகையாய் நட்பு அளித்த வரங்கள்

எரிபொருள் நிரப்பிய இரு சக்கர வாகனம்
எங்களது விளையாட்டுப் பொருள்!
நட்பைத் தவிர எந்த சொத்தும் இல்லை
எங்களது கல்லூரி வாழ்க்கையில்!





வெண் சோறு தனைக் கொட்டி குழி பறித்து
குழம்பு தனை அதில் ஊற்றி
உணவுக்கு உருண்டை உருவம் இட்டதில்லை
நாங்கள் எல்லோருமே சாப்பாடு ராமன்கள்!

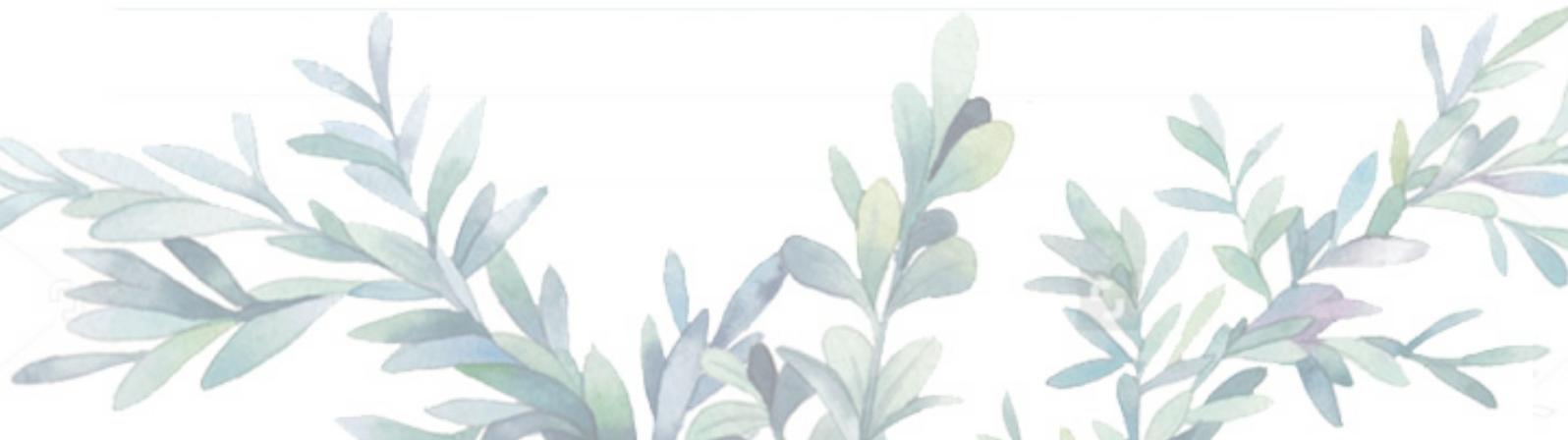
ஓரறிவு மரங்கள் ஒற்றைக் கால் தவம் புரிய
ஆற்றிவு காளைகள் ஐந்தறிவாய் மாறிவிட
மரக் கிளையில் மனிதக் குரங்காய் கல்லூரியில்
மட்டற்ற மகிழ்ச்சி நாங்கள் கண்டோம்!

வருட காகித காலண்டர் நாட்கள்
குப்பை தொட்டி நோக்கி பயணம் முடிக்க
குட்பை சொல்ல கட்டாயம் ஏற்பட
விழியோர கண்ணீர் சிந்தி விடை பெற்றோம்!

பிறவிப் பயன் அடைந்து விட
கல்லூரி வாழ்க்கை பெற்றேனோ?
இமை மூடாமல் கண்ணீர் சிந்துகிறேன்
கல்லூரி வாயிலை கடந்து செல்கையிலே!



M.RAJESHWARAN
2rd YEAR ECE-A



ஆசைகள் :

**நான் கேட்கும் நிறத்திலும் வடிவத்திலும்
என் ஆடை மாறிட ஆசை !!!**

ஆலங்கட்டி மழையில்

ஒரு கையில் தேநீரும்

மறுகையில் மழைக் கட்டியும்

மழைநீரோடு

என் கவலைகளும் கரைந்திட ஆசை !!!

வானவில்லின் நிறங்களில்

பூக்கள் பூமியில் மழைநீரோடு விழுந்திட ஆசை !!!

என் கரங்கள் பூக்களை பிடித்ததும்

புன்னகையில் என் இதழ்கள் பூத்திட ஆசை !!!

ஒரு நாள் முழுவதும்

என் தந்தையின் மடியில் படுத்து

அவரின் விரல்களை பிடித்தபடி

கதைக்கேட்டிட ஆசை !!!



நான் படிக்கும் புத்தகத்தின்
நிகழ்வுகள் என் கண்முன்
நிகழ்ந்திட ஆசை !!!

நினைத்தவுடன் நான் ரசிக்கும் பாடல்கள்
என் காதோரம் எனக்கு மட்டும் கேட்டிட ஆசை !!!

சிட்டுகள் மெட்டு போட
என் கொலுசின் ஓசை இசையாய் மாறிட
மயில் தன் தோகையை விரித்தாடிட ஆசை !!!

நான் எழுதும் ரகசியங்கள்
என் கண்களுக்கு மட்டும் தெரிந்திட ஆசை !!!

பேனாமுனை என்னோடு உரையாடிட ஆசை !!!
நினைத்த நொடியில் ஊர்சுற்றிட ஆசை !!!
இமைக்கும் நொடியில் நினைத்த இடம் சென்றடைய
ஆசை !!!

ஆசைகள் தான் ஏராளம் ,



ஒரு காகித பக்கத்திலும்
சில எழுத்துக்களிலும் முடிந்திபாது
இந்த பேராசைக்காரியின் ஆசைகள் !!!



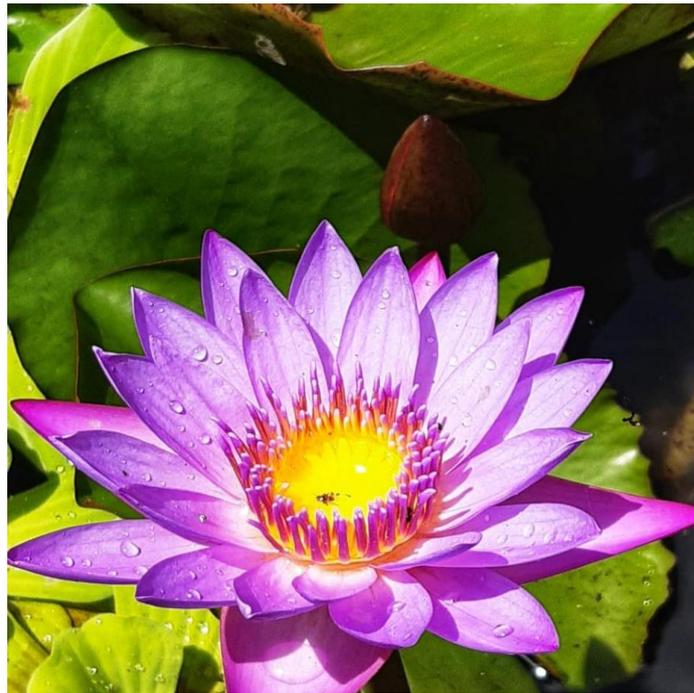
Deepika S
16BEC076
3rd Year ECE-A







By,
NAVEEN KUMAR
(16BEC094)





By,
SARANYA K
(18BEC098)

Dr. Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Details of Paper Presentation

S.No	Roll No	Name of the Student	Details of Paper	Venue & Date	Level	Prize (If any)
1.	16BEC059	T.V.A Sanjay	Graphene Pacemaker	Coimbatore Institute of Technology, CRYPTERA'18 by CSE department on 19.09.2018	National	-
2.	16BEC005	R.B Kiran	Graphene Pacemaker	Coimbatore Institute of Technology, CRYPTERA'18 by CSE department on 19.09.2018	National	-
3.	16BEC045	Nivethitha C	Solar Technology	Coimbatore Institute of Technology, CRYPTERA'18 by CSE department on 20.09.2018	National	-
4.	16BEC029	Heera Nanthini N	Prasthuthi	PSG college of Technology, 13.10.2018 and 14.10.2018	National	-
5.	16BEC015	Fathima Bathool K S	Prasthuthi	PSG college of Technology, 13.10.2018 and 14.10.2018	National	-
6.	16BEC027	Arunachaleswaran	Paper presentation	Vaahan 2k18, RC club, Dept of Mechanical Engineering, Kongu Engineering College, Erode,18.08.2018	National	-
7.	16BEC069	S Shanmathee	Paper presentation	Tekspark'18 at Karpagam Institute of Technology, Coimbatore , 12.09.2018	National	-
8.	16BEC061	Sonali U	Solar Technology	Coimbatore Institute of Technology, CRYPTERA'18 by CSE department on 20.09.2018	National	-
9.	16BEC001	Nandhini K	Solar Technology	Coimbatore Institute of Technology, CRYPTERA'18 by CSE department on 20.09.2018	National	-

10.	16BEC059	Sanjay TVA	Image Processing- Intelligent Traffic Assistance	Technofrenzy conducted by Avera at Dr. Mahalingam College of Engineering and technology, on 19.01.2019	State	Second
11.	16BEC065	Gayatiri CK	Image Processing- Intelligent Traffic Assistance	Technofrenzy conducted by Avera at Dr. Mahalingam College of Engineering and technology, on 19.01.2019	State	Second
12.	17BEC003	R Jayakhavyaa	Paper Presentation	ISTE/IEEE/SAE during Varnam 2k18 at Dr.MCET on 28.09.2018 and 29.09.2018	State	Third
13.	16BEC047	Prabhavathy A	Foreign Particle Identification in Liquid Drugs	Sensonics 2K19 held at Kongu Engineering College, on 27.02.2019	National	-
14.	16BEC067	Deepika N	Foreign Particle Identification in Liquid Drugs	Sensonics 2K19 held at Kongu Engineering College, on 27.02.2019	National	-
15.	17BEC312	Mythili R	ASIC design of hardware efficient approximation adder	Sensonics 2K19 held at Kongu Engineering College, on 27.02.2019	National	-
16.	16BEC051	Shirmela S	ASIC design of hardware efficient approximation adder	Sensonics 2K19 held at Kongu Engineering College, on 27.02.2019	National	-
17.	16BEC053	Sowmya R	Smart Tollgate system using RFID	Sensonics 2K19 held at Kongu Engineering College, on 27.02.2019	National	-
18.	17BEC107	Rinya Sunil	Paper Presentation	ECE Association-Spectrum, Dr MCET on 27.02.2019	State	-
19.	17BEC098	Harshini T	Paper Presentation	ECE Association-Spectrum, Dr MCET on 27.02.2019	State	-
20.	17BEC012	Nivethitha K S	Wireless Communication	Technofrenzy conducted by AVERA at Dr MCET on 19.01.2019	State	Second
21.	17BEC110	K Kavın	Paper Presentation	National Level Technical Symposium ZENFOX-2K19 at PA college of engineering and technology 25.01.2019	National	-

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Details of Workshop

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level
1.	17BEC015	R S Shakthivelu	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
2.	17BEC051	Saranya P	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
3.	17BEC115	Sowbakiyam S	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
4.	17BEC087	Oppilaal Eratchanya D	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
5.	17BEC019	Rajeshwaran M	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
6.	17BEC007	P. Harishmithaa	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at	31.08.2018	International

			Coimbatore Institute of Technology		
7.	17BEC005	S.Kiruthika	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
8.	17BEC011	S Sushindren	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
9.	17BEC027	Mohamed Ashik A	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
10.	17BEC013	Gokul Ananth R	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
11.	17BEC039	Hari Haran R	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
12.	17BEC001	Karthick K	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
13.	17BEC009	Aravind V	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
14.	17BEC085	Naveen K	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
15.	17BEC073	G D Aravind	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association	31.08.2018	International

			with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology		
16.	17BEC097	R Premkumar	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
17.	17BEC044	E Hemalatha	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
18.	17BEC090	Harishmitha R	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
19.	17BEC024	S K Meera	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
20.	17BEC018	K.N. Sri Swathika	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
21.	17BEC092	U. Preethi	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
22.	17BEC034	T Mathupriya	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
23.	16BEC089	P Harini	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
24.	16BEC037	Prajitha J	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with	18.08.2018	International

			LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology		
25.	16BEC091	Alfiya hameedha M	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
26.	16BEC003	Namitha N	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
27.	16BEC065	Gayatiri C K	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
28.	16BEC075	Pavithra N	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
29.	16BEC069	Shanmathee S	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
30.	17BEC310	Pavithra M	International workshop on Internet of Things-IWIOT 18, organized by Trainotech in association with LANSA Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	18.08.2018	International
31.	16BEC041	R Raga Varshini	Workshop on Industrial Automation and IoT, Coimbatore Institute of Technology	18.08.2018	State
32.	16BEC033	C Abinaya	Workshop on Industrial Automation and IoT, Coimbatore Institute of Technology	18.08.2018	State
33.	16BEC015	K S Fathima Bathool	Workshop on Industrial Automation and IoT, Coimbatore Institute of Technology	18.08.2018	State
34.	16BEC029	Heera Nanthini N	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State

35.	16BEC001	Nandhini K	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
36.	16BEC099	Chitrapriya A	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
37.	16BEC087	Suganya L V	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
38.	16BEC045	Nivethitha C	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
39.	16BEC061	Sonali U	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
40.	16BEC083	Dharshini M	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
41.	16BEC005	Kiran R B	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
42.	16BEC009	Gokul Krishnan C	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
43.	16BEC093	Naveen K	Value added course on Custom Digital IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	10.08.2018 and 18.08.2018	State
44.	17BEC015	R S Shakthivelu	Two days workshop on Data Science with Python Programming in Raspberry Pi, ECE department, Dr. MCET	30.08.2018 and 31.08.2018	National
45.	17BEC017	B. Venkatesan	Two days workshop on Data Science with Python Programming in Raspberry Pi, ECE department, Dr. MCET	30.08.2018 and 31.08.2018	National
46.	16BEC069	S Shanmathee	Two days workshop on Data Science with Python Programming in Raspberry Pi, ECE department, Dr. MCET	30.08.2018 and 31.08.2018	National

47.	16BEC075	N Pavithra	Two days workshop on Data Science with Python Programming in Raspberry Pi, ECE department, Dr. MCET	30.08.2018 and 31.08.2018	National
48.	17BEC022	B. Meena Rajalakshmi	One day workshop in Cloud based Machine Learning for IoT device., Pantech ProEd Pvt Ltd	12.08.2018	National
49.	16BEC032	Gopala Krishna C	Training Program on Aptitude shortcut methods, Kongu Engineering College, Erode	31.08.2018	National
50.	17BEC309	S Madhu Preethi	Two days hands on workshop on Come with circuit and go with PCB, at Sri Eshwar College of Engineering, Coimbatore	07.09.2018 and 08.09.2018	National
51.	17BEC311	S Hima Bindu	Two days hands on workshop on Come with circuit and go with PCB, at Sri Eshwar College of Engineering, Coimbatore	07.09.2018 and 08.09.2018	National
52.	16BEC054	P Barath	Teacher Training Program on Make your own LAB, Agastya International Foundation	16.08.2018 to 19.08.2018	National
53.	17BEC019	M Rajeshwaran	Teacher Training Program on Make your own LAB, Agastya International Foundation	16.08.2018 to 19.08.2018	National
54.	17BEC101	C Kamali Sri	Teacher Training Program on Make your own LAB, Agastya International Foundation	16.08.2018 to 19.08.2018	National
55.	17BEC023	G Keerthana	Teacher Training Program on Make your own LAB, Agastya International Foundation	16.08.2018 to 19.08.2018	National
56.	17BEC031	M Shafi Udeen	Teacher Training Program on Make your own LAB, Agastya International Foundation	16.08.2018 to 19.08.2018	National
57.	16BEC058	T Vimala	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State
58.	16BEC053	R Sowmya	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State
59.	16BEC027	E Arunachaleshwaran	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State

60.	16BEC003	N Namitha	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State
61.	16BEC001	K Nandhini	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State
62.	16BEC083	M Dharshini	Value added course on Design and Analysis of Microstrip Patch Antenna for Wireless Applications, Keysight Centre for RF Communication Systems, Dr. MCET	04.10.2018 and 05.10.2018	State
63.	16BEC091	M Alfiya Hameedha	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
64.	16BEC069	S Shanmathee	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
65.	16BEC075	N Pavithra	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
66.	16BEC037	Prajitha J	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
67.	16BEC065	Gayatiri C K	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
68.	16BEC067	N Deepika	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
69.	16BEC047	A Prabhavathy	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
70.	16BEC051	S Shirmela	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State

71.	17BEC312	R Mythili	Value added course on Custom Analog IC design using Cadence EDA tool, ASIC centre of excellence, Dr. MCET	07.09.2018 and 08.09.2018	State
72.	17BEC037	M Indhumathi	Workshop on Android App Development, by Uniq Technologies	29.11.2018	National
73.	17BEC041	V Lakshmi Prabha	Workshop on Android App Development, by Uniq Technologies	29.11.2018	National
74.	17BEC071	Soundharyaa B	Training Program on Embedded System, conducted by Propulsion Technologies	03.12.2018 to 10.12.2018	National
75.	17BEC087	Oppilaal Eratchanya D	Training Program on Embedded System, conducted by Propulsion Technologies	03.12.2018 to 10.12.2018	National
76.	17BEC087	Oppilaal Eratchanya D	One day workshop in Machine learning with Python, Pantech ProEd Pvt Ltd	19.08.2018	National
77.	16BEC060	B Sindhu Lekha	IoT using arduino, Yuva Youth Fest 2018, at Kongu Engineering College, Perundurai	27.12.2018 and 28.12.2018	National
78.	16BEC078	S Deepika	IoT using arduino, Yuva Youth Fest 2018, at Kongu Engineering College, Perundurai	27.12.2018 and 28.12.2018	National
79.	16BEC058	T Vimala	IoT using arduino, Yuva Youth Fest 2018, at Kongu Engineering College, Perundurai	27.12.2018 and 28.12.2018	National
80.	16BEC001	Nandhini K	One day workshop titled "IoT using Raspberry-Pi, organized by IEEE student branch-61631	28.02.2019	National
81.	16BEC017	Arul Prakash S	Value added course on "Custom Digital IC design using Cadence EDA tool" by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
82.	16BEC069	Shanmathee S	Value added course on "Custom Digital IC design using Cadence EDA tool" by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
83.	16BEC075	Pavithra N	Value added course on "Custom Digital IC design using Cadence EDA tool" by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
84.	17BEC312	Mythili R	Value added course on "Custom Digital IC design using Cadence EDA tool" by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
85.	16BEC027	Arunachaleshwaran E	Value added course on "Custom Digital IC design using Cadence EDA tool" by ASIC centre of	28.12.2018 and 29.12.2018	State

			excellence, Dr. MCET		
86.	16BEC093	Naveen K	Value added course on “Custom Digital IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
87.	16BEC059	Sanjay TVA	Value added course on “Custom Digital IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
88.	16BEC051	Shirmela S	Value added course on “Custom Digital IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
89.	16BEC065	Gayathri CK	Value added course on “Custom Digital IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	28.12.2018 and 29.12.2018	State
90.	16BEC071	Nivetha T	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
91.	16BEC087	Suganya LV	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
92.	16BEC099	Chitrapriya A	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
93.	16BEC009	Gokul Krishnan C	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
94.	17BEC098	Harshini T	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
95.	17BEC112	Mohanapriya S	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State
96.	17BEC114	Viswa Bharathi S	Value added course on “Custom Analog IC design using Cadence EDA tool” by ASIC centre of excellence, Dr. MCET	08.02.2019 and 09.02.2019	State

97.	16BEC091	M. Alfiya Hameedha	iCAMP, 6 day residential innovation Bootcamp at Forge Factory, Coimbatore	07.01.2019 to 12.01.2019	National
98.	16BEC033	Abinaya C	iCAMP, 6 day residential innovation Bootcamp at Forge Factory, Coimbatore	07.01.2019 to 12.01.2019	National
99.	16BEC015	K.S.Fathima Bathool	iCAMP, 6 day residential innovation Bootcamp at Forge Factory, Coimbatore	07.01.2019 to 12.01.2019	National
100.	16BEC067	N Deepika	iCAMP, 6 day residential innovation Bootcamp at Forge Factory, Coimbatore	07.01.2019 to 12.01.2019	National
101.	16BEC021	Kavin Surya	Ardubotics Robotics by Technex'19, IIT Varanasi delivered by Innovians Technologies at Kumaraguru College of Technology, Coimbatore	05.02.2019 and 06.02.2019	National
102.	16BEC029	Heera Nanthini	Ardubotics Robotics by Technex'19, IIT Varanasi delivered by Innovians Technologies at Kumaraguru College of Technology, Coimbatore	05.02.2019 and 06.02.2019	National
103.	16BEC015	Fathima Bathool K S	Ardubotics Robotics by Technex'19, IIT Varanasi delivered by Innovians Technologies at Kumaraguru College of Technology, Coimbatore	05.02.2019 and 06.02.2019	National
104.	17BC003	Jaya Khavyaa R	International workshop on Arduino in Robotics-IWAR-18, organized by Trainotech in association with LANSa Informatics Pvt Ltd and Thick India at Coimbatore Institute of Technology	31.08.2018	International
105.	17BEC003	Jaya Khavyaa R	Two days workshop on Data Science with Python Programming in Raspberry Pi, ECE department, Dr. MCET	30.08.2018 and 31.08.2018	National
106.	16BEC058	Vimala T	Workshop on The Rise of Drones, Conducted by AFI Technology at Kumaraguru Institutions	06.02.2019	National
107.	16BEC060	Sindhu Lekha	Workshop on The Rise of Drones, Conducted by AFI Technology at Kumaraguru Institutions	06.02.2019	National
108.	16BEC031	Gowtham L	Five Days National Workshop on “ Deep Learning for Computer vision”, at Vellore Institute of Technology, Vellore	07.01.2019 to 11.01.2019	National
109.	17BEC041	Lakshmi Prabha V	Workshop on Cognitive skills, Design Ideas and Critical Thinking by MCET	29.11.2018	State
110.	17BEC037	Indhumathi M	Workshop on Cognitive skills, Design Ideas and Critical Thinking by MCET	29.11.2018	State

111.	17BEC037	Indhumathi M	Workshop on Python Programming, by IEEE student branch-61631, MCET	03.10.2018	State
112.	17BEC037	Indhumathi M	Workshop on MATLAB for Engineering Application, Yugam 2019, Kumaraguru Institutions	04.02.2019	National
113.	17BEC037	Indhumathi M	To seek and witness the stories of Inspiration to reflect, act and impact., Yugam 2019, Kumaraguru Institutions	02.02.2019 and 03.02.2019	National
114.	17BEC059	Uva Priya V.G	Workshop on PCB Fabrication, Yugam 2019, Kumaraguru Institutions	04.02.2019	National
115.	17BEC059	Uva Priya V G	Workshop on Cognitive skills, Design Ideas and Critical Thinking by MCET	29.11.2018	State
116.	17BEC022	Meena Rajalakshmi B	One day workshop in Cloud Based Machine Learning for IoT device, Pantech	12.08.2018	National
117.	17BEC022	Meena Rajalakshmi B	Workshop on Python Programming, by IEEE student branch-61631, MCET	03.10.2018	State
118.	17BEC098	Harshini T	Workshop on Python Programming, by IEEE student branch-61631, MCET	03.10.2018	State
119.	17BEC086	Hiruthika V	Workshop on Python Programming, by IEEE student branch-61631, MCET	03.10.2018	State
120.	17BEC022	Meena Rajalakshmi B	Training Program on Embedded System, Propulsion Technologies	03.12.2018 to 10.12.2018	National
121.	17BEC090	Harishmitha R	Training Program on Embedded System, Propulsion Technologies	03.12.2018 to 10.12.2018	National
122.	17BEC107	Rinya Sunil	Workshop on “Game Development”, at LOCUS 19, Conducted by Club Mathematica, NIT Calicut	12.01.2019 and 13.01.2019	National
123.	17BEC107	Rinya Sunil	Oneday workshop on Information Security & Ethical Hacking conducted by Appin Technology Lab	24.02.2019	National
124.	17BEC107	Rinya sunil	Workshop on Cyber security and Ethical Hacking, Xplore’19- 5 th National Techno-Management Cultural Festival of Governement College of Engineering, Kannur	22.02.2019 to 24.02.2019	National
125.	17BEC107	Rinya Sunil	Workshop on PCB Fabrication, Yugam 2019, Kumaraguru Institutions	04.02.2019	National

126.	17BEC084	P. Preeti	One day workshop in Cloud Based Machine Learning for IoT device, Pantech	12.08.2018	National
127.	17BEC008	Sabarinathan M	Workshop on Andriod Studio at Training Trains, Coimbatore	03.12.2018 to 09.12.2018	National
128.	17BEC114	Viswa Bharathi S	Workshop on R Programming at Training Trains, Coimbatore	09.12.2018 to 11.12.2018	National
129.	17BEC068	Swasthika M L	Workshop on R Programming at Training Trains, Coimbatore	09.12.2018 to 11.12.2018	National
130.	17BEC030	Gowri R	Workshop on R Programming at Training Trains, Coimbatore	09.12.2018 to 11.12.2018	National
131.	17BEC008	Sabarinathan M	Internet of Things workshop conducted by Technophilia Solutions at NIT, Trichy	16.02.2019 and 17.02.2019	National
132.	17BEC060	Dinesh Kumaar P M	Internet of Things workshop conducted by Technophilia Solutions at NIT, Trichy	16.02.2019 and 17.02.2019	National
133.	17BEC090	R Harishmitha	Internet of Things workshop conducted by Technophilia Solutions at NIT, Trichy	16.02.2019 and 17.02.2019	National
134.	17BEC072	Nandhini V	Workshop on Design of miniature sensor, Yugam 2019, Kumaraguru Institutions	06.02.2019	National
135.	17BEC090	Harishmitha R	Workshop on Design of miniature sensor, Yugam 2019, Kumaraguru Institutions	06.02.2019	National
136.	17BEC030	R Gowri	One day workshop on Android at codebind Technologies, Trichy	29.05.2019	National
137.	17BEC048	V Nanthika	One day workshop on Android at codebind Technologies, Trichy	29.05.2019	National
138.	17BEC012	Nivethitha K S	Workshop on Android app development conducted by UNIQ Technologies	30.11.2018	National
139.	17BEC026	Athilakshmi G	Hands on Training on Industrial Embedded programming-I/O ports, Timer, ADC	May 2019	National
140.	17BEC048	Nanthika V	Completed C test by Spoken tutorial Project, IIT Bombay	18.05.2019	National

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Details of Placement (2018-2019)

S.No	Roll No.	Name of the Student	Company
1	15BEC021	SENTHUR SIVA SAKTHIVEL C	Infosys, chennai
2	15BEC033	SOORIYA PRAKASH N	
3	15BEC047	AARTHY A	
4	15BEC059	MANORANJITHAM S	
5	15BEC063	KOWSALYA K	
6	15BEC028	MANJHARI T	
7	15BEC032	KEERTHANA M	
8	15BEC040	KAVIPRIYA C	
9	15BEC048	SARANYA K	
10	15BEC060	MOHAN PRASATH R	
11	15BEC068	JEBELIN LYDIA S	
12	15BEC078	HARIE HARA AKASH R	
13	15BEC061	GOWRI PRASHANTH M	
14	15BEC020	GUNA JEEVITHA D	
15	15BEC034	KARTHICK S	
16	15BEC070	ABINESH J	
17	15BEC072	MOHAMMED INAMUL HASAN J	VVDN Technologies, Bengaluru
18	15BEC026	PADMAPRIYA M	

19	15BEC049	DAYALAN S	
20	15BEC051	MATHIYAZHAGAN A	
21	15BEC077	GOWTHAM C	
22	15BEC030	DIVYA BARATHI A M	
23	15BEC027	KARTHIK SRIDHAR R K	
24	15BEC045	ABILASHA PRICINI K	
25	15BEC006	SIVANI V	
26	15BEC036	MONIKA P	
27	15BEC056	ARAVINDHAN S	
28	15BEC064	ASHA H	
29	15BEC017	ARAVINDAN BHARATHI A	
30	15BEC004	VINU DAARANI T	
31	15BEC038	SHIVARAMAKRISHNAN B	
32	15BEC054	RAGULKUMAR T	Burning Glass Technologies, Chennai
33	15BEC057	VINITH S	Data Patterns india pvt ltd, Chennai
34	15BEC079	SOWMYA R	Soliton technoloties, Coimbatore
35	15BEC075	ARUN KUMAR S	Intel technologies india pvt ltd, Bengaluru
36	15BEC092	SWETHA M	TCS, Chennai
37	15BEC022	KAVIN KUMARAVEL M	
38	15BEC083	PAULRAJ D	IDBI,Coimbatore
39	15BEC010	NANDHINI K	
40	15BEC013	AKSHAYA N	
41	15BEC055	KESAVAN M	
42	16BEC308	ASHINA A	
43	15BEC024	KIRUBAKARAN B	
44	15BEC008	SINDHU B	
45	15BEC085	VIGNESH L	
46	15BEC046	NAGASOWMIYA N	Focus Edumatics, Coimbatore

47	15BEC084	KAVITHA M	
48	16BEC315	DEVIPRIYADHARSHINI G	Wipro, Chennai
49	15BEC039	AISWARYA MEENAKSHI P	LMW, Coimbatore
50	15BEC025	MALARVIZHI S	Altran technologies, Coimbatore
51	15BEC069	SATHISH KUMAR M	
52	15BEC053	GENGA DEVI R	mySLATE, Coimbatore
53	15BEC071	RUBIGA C S	
54	15BEC076	GOWSALYA M	
55	15BEC042	DINESHKUMAR S	Caliber interconnect solution, coimbatore

