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.

LEGEND AT 17

Alireza Feruza (born 18 June 2003) is a chess player from Iran. He won the Iranian Chess Championship at the age of 12, and earned the Grandmaster title at the age of 14!

He is the second-youngest player ever to reach a FIDE rating of 2700, accomplishing this at the age of just 16 years and 1 month. As of November 2019, Feruza was the No. 1 ranked Iranian player and the No. 1 U16(or No.1 teen) player in the world and World number.13 with a FIDE rating of 2720!

One good example how talented and strong this kid in chess is, in October 2020 , Feruza participated in the annual Norway Chess super tournament held in Stavanger. Participants in the tournament included World Champion Magnus Carlsen, world number 2 Fabiano Caruana, Jan-Krzysztof Duda, Levon Aronian and Norwegian No.2 Aryan Tari. Firouzja finished the tournament with 2nd place (18.5), 1 point behind Carlsen (19.5) and ahead of strong chess players like Aronian, Caruana and Duda.

Recently he played in Tata steel chess tournament (Jan 2021), where he played like an absolute beast with a TPR of 2806 and went up to world No.13. He finished tied 3rd in the tournament with Andrey Esipenko (another 18 year old talented teen who managed to beat world champion in the same tournament!) and Fabiano Caruana (current world No.2).

Alireza Firouzja is an inspiration to many young chess players (including myself). Many chess experts believe that only Firouzja can dethrone world champion Magnus Carlsen (champion since 2013!) in the upcoming years!

GIRIVAISHNAV N

III YEAR ECE B

ELECTRIC VEHICLES

An electric vehicle (EV) is a <u>vehicle</u> that uses one or more <u>electric motors</u> or <u>traction motors</u> for propulsion. An electric vehicle may be powered through a collector system by electricity from off-vehicle sources, or may be self-contained with a <u>battery</u>, <u>solar panels</u>, <u>fuel cells</u> or an <u>electric generator</u> to convert fuel to electricity. Just as there are a variety of technologies available in conventional vehicles. Electricity can be produced from a variety of sources, therefore it gives the greatest degree of energy resilience

There are two basic types of EVs: all-electric vehicles (AEVs) and plug-in hybrid electric vehicles (PHEVs). AEVs include Battery Electric Vehicles (BEVs) and Fuel Cell Electric Vehicles (FCEVs). In addition to charging from the electrical grid, both types are charged in part by regenerative braking, which generates electricity from some of the energy normally lost when braking. Which type of vehicle will fit your lifestyle depends on your needs and driving habits. Most electric vehicles use lithium-ion batteries (Li-Ions or LIBs). Lithium-ion batteries have higher energy density, longer life span and higher power density than most other practical batteries. Complicating factors include safety, durability, thermal breakdown and cost. Li-ion batteries should be used within safe temperature and voltage ranges in order to operate safely and efficiently.

<u>ADVANTAGES:</u>
- Better for the **Environment**. ...
- Electricity is Less Expensive than Gas. ...
- Less Maintenance at a Lower **Cost**. ...
- Electric Cars Tend to Be Quiet. ...
- Potential for Tax Credits.

KANNAN R
II YEAR ECE-B

QUANTUM COMPUTING

Technology today is evolving at a faster pace piercing deep into sea of innovation. One of the fascinating fields among that is quantum computing Which is a form of computing focused on developing computer technology based on quantum phenomena such as behavior of energy and material atomic and subatomic levels. The classical computers we use now-a-days use encoded information in terms of bits i.e.,0 and 1 this restricts their ability. Whereas the quantum computers use quantum bits or qubits. This allows us to harness the unique ability of sub atomic particles that exist is more than one state i.e., more than one state at a time(a0 and al The principles of superposition and entanglement forms the basic bridge of these supercomputers which enables the quantum computer handle higher operational speed While classical computers are good at calculus the quantum computers are even better at optimization simulating molecules, sorting finding prime numbers and even more all these advancements leading to the door of new computing era. According to the institute for quantum computing at the university of Waterloo, the field of quantum computing began at the early80's it is then discovered that the quantum algorithms are way more useful and effective than normal day computing devices. Quantum computers being multitude times faster many companies such as Microsoft, AWS, Google, Honeywell are trying make innovation in this field. The revenues for global quantum computing are projected to grow by 2.5 billion USD by 2029, This field has a wide variety of application in finance, military design and discovery aerospace, polymer design and digital manufacturing.

QUANTUM SPECTRUM:

On October 232019 Google announced that it had achieved "Quantum Supremacy" meaning that they have managed to solve a problem using quantum computer that would normally take an impractically long time for normal computers furthermore this quantum computers are used to compute and analyze the spread of corona virus because of its ability to query independent of the source. The aspects of this field also includes the design of potential vaccines by analyzing the subatomic property of the source.

Major Quantum Computing Projects and Innovations Of 2021   : -
    1) Atos Develops Q-Score to Assess Quantum Performance.
    2) Largest-Ever Chemical Experiment for Quantum Computing.
    3) Algorithm To characterized Noise in Quantum Computers.
    4) Commercialized Quantum Computing.
    5) Majorana Fermions.
    6) INTEL introduced Horse Ridge 1 1 .1

HARISH P
II YEAR ECE-A

PHOTONIC INTEGRATED CIRCUIT
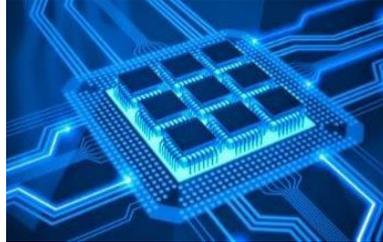
Photonic Integrated Circuit (also known as PIC), is a complex integrated circuit which incorporates a lot of optical devices to form a single photonic circuit. It is a chip that contains *photonic* components (photons) which pass through optical components such as waveguides, lasers, polarizers, and phase shifters. In a PIC, the signals are sent by superimposing them on wavelengths usually in the range between the visible spectrum and infrared. The range usually is between 800 nanometers and 1700 nanometers. In 2005, during a development of a laser light through silicon in an electronic integrated circuit, there occurred a problem with quantum noise, which prevented the generation. This problem was easily overcome by a photonic integrated circuit, which easily created the laser light and that too in a higher bandwidth, within the circuit as a single medium. Thus, the importance of PIC was known. PICs use a laser source to inject light that drives the components, similar to turning on a switch to inject electricity that drives electronic components. Using light instead of electricity, integrated photonic technology provides a solution to the limitations of electronics like integration and heat generation, taking devices to the next level, the so-called "more than Moore" concept to increase capacity and speed of data transmission. PICs advantages such as miniaturization, higher speed, low thermal effects, large integration capacity, and compatibility with existing processing flows that allow for high yield, volume manufacturing, and lower prices. Applications for integrated photonics are broad – from data communications and sensing to the automotive industry and the field of astronomy. the key application fields for PICs is data communications, followed by sensing and biomedical applications as well as applications in the defense and aerospace industries and the field of astronomy.

THANUSHA N R

HANDS OF WIRELESS COMMUNICATION
IN COVID SITUATION

On March 11,2020, World Health Organization has declared the covid-19 as a pandemic and many countries were affected both socially and economically because of this. It was a tragedy for all of us, but we had no choice other than to stay calm. The whole world was in lockdown and wireless communication was the only way to reach the world. Sensors played a vital role in this lockdown and prevented the chain of infection by contact-less lifestyle such as automatic open and close of tap, door and so on.

People started using this communicating medium not only to develop their relationship with long distant family and friends but also to consult doctors, to educate their minds, to develop their skills and hobbies. People got right time to understand the real usage of communication platform and they mastered themselves in utilizing the maximum from it. Thus if there is no communication medium evolved, the whole world would have been shut down and we people would have suffered a lot.

AMSU PRYA B

II YEAR ECE-B

CRYPTOCURRENCY

Cryptocurrency is a digital currency that uses encryption (cryptography) to generate money and to verify transactions. All confirmed transactions from the start of a cryptocurrency's creation are stored in a public ledger. The identities of the coin owners are encrypted, and the system uses other cryptographic techniques to ensure the legitimacy of record keeping. The ledger ensures that corresponding "digital wallets" can calculate an accurate spendable balance. Also, new transactions can be checked to ensure that each transaction uses only coins currently owned by the spender.

It is the process of confirming transactions and adding them to a public ledger. To add a transaction to the ledger, the "miner" must solve an increasingly-complex computational problem (like a mathematical puzzle). Mining is open source so that anyone can confirm the transaction. The first "miner" to solve the puzzle adds a "block" of transactions to the ledger. The way in which transactions, blocks, and the public blockchain ledger work together ensure that no one individual can easily add or change a block at will. Once a block is added to the ledger, all correlating transactions are permanent, and they add a small transaction fee to the miner's wallet (along with newly created coins). Some examples of cryptocurrency are Bitcoin, Litecoin, Ethereum, Bitcoin Cash, IOTA, Darkcoin, Ripple, Tether, etc. Currently the bitcoin was trending and price reached its peak due to " ELONMUSK" owner of tesla, Starlink and many more he tweeted about bitcoin and stock market reached its peak on bitcoins, tremendous peak that have never seen before ! , And they also bought 1.5 billion dollars of bitcoin which can be used in future.

I expect cryptocurrency will have a prominent role in the future, but it will take longer than you think bitcoin is considered digital gold, even after so many fluctuations the value of BTC remains relatively stable.

SATHISH KUMAR S

FLEXIBLE DISPLAY

A flexible display or rollable display is an electronic visual display which is flexible in nature as opposed to flat screen displays used in most electronic devices. It is applied bin readers, mobile phones and consumer electronics

Such screens can be rolled up like a scroll without the image or text being distorted. Technologies involved in building a flexible display includes electronic ink, Gyricon, Organic LED and OLED. The first commercially sold flexible display was an electronic paper wristwatch.

TECHNICAL DETAILS:

Flexible display using electronic paper technology commonly use Electrophoretic or electrowetting technologies.

BEND APPLICATIONS:

Using gestures to authenticate on flexible devices. Users can perform bending gestures and deform the touch screen to unlock the phone to keep secure.

ADVANTAGES:

Rollable display have many advantages over glass: better durability, lighter weight , thinner dimensions and can be perfectly curved and used in many devices.

Rollable display area can be bigger than device, it can be stored in a device smaller than the screen itself .

APPLICATIONS:

Flexible displays can be used in,

✓Mobile devices

✓Curved LED TV's

✓Laptops and PDA

✓e-Wrist watch

✓An important part of the development of roll- away computer

✓A child's mask for Halloween

ABARNA A
III YEAR ECE-A

RSLIO SMART SHOT CAMERA

On semiconductor has introduced the RSLIO smart shot camera, which combines cloud based AI with ultra low power image capture and recognition to enable a new generation of IOT endpoints.

The RSLI0 adds the power of AI -based image recognition to ultra low power IOT endpoints .Such surveillance cameras , restricted areas ,factory automation, smart agriculture and smart homes. A companion smartphone application provides a user interface for the platform and acts as the gateway to cloud based, AI enabled object, recognition services .

The platform brings together the RSLIO SIP, which ultra low power Bluet Low Energy technology and the ARX 3A MONO 65 DFOV IAS Module. The module is a compact prototype used for developing compact cameras with 360 fps mono imaging based on the AR X3AO CMOS image sensor.

Complemented by advanced motion and environment sensors and power and battery management, these technologies provides a complete solution that can be used to automatically capture images and identify objects within them.

Using the RSLIO, developer can create an endpoint that automatically sends an image to the cloud for analysis when triggered by various elements including time or an environmental such as sight or temperature. Equally, the camera platform can operate in low power mode while mentoring a specific part of its field of view, automatically taking an image when the scene's contents change. The image is then sent to the cloud for processing, using AI to determine to contents of the image and then taking the appropriate action.

The image data is transferred to the cloud through a gateway, connected over Bluetooth low energy, using the RSLIO SIP, The low power credentials of the components used in the platform mean it can operate for extended periods of time from a single primary or secondary cell. The triggers are configured using the companion app, also over Bluetooth low energy.

ABIRAMI P

III YEAR ECE - A

WOMEN-SPIRIT OF DIVINE

Hey women out there! so do you know who you can be! what you can be!

And, yes you are someone more than you think you can be. Women, so comfy, cosy, busy, tired, broken, sparkling, shining, divine. From being scared of little stuffs and now scaring the world with your emergent tacts and talents. She is charged up with spirit of fire, calmness of Water, Smoothness of air, Elegancy of clouds and at times gloominess of deserts.

It is all trial and error method, women is proving their victory in all sectors.

From sky to land, north pole to south pole, inland to overseas women have been imprinting their success paths everywhere. Grown up with lots of discouragements and disappointments and now with lots of courages and encourgaments, she has been much evolved with the evolution of society, technology and science.

Women you are the "Biggest motivator" of yourselves, And you find a gem, the Biggest spiritual person, when you look into the mirror. You have been with lots of responsibilities and struggles. Obviously, she had been the perfect synonymn.

"Where you can handle out stress! you can handle out success!"

Women you have been probably succeeding in all sectors and there is no doubts that you will keep growing, learning and glowing.

What are you waiting for! Rise up women ,do what makes you happy!!

SANDHIYA.S

II YEAR ECE-B

TRUTH ABOUT LIFE

The" inner peace" is one of the valuable true feeling in life. Which polishes a beauty of our soul?

Don't think and search for the permanent things. Constant changes are the truth behind life. Enjoy completely, with the things you possess in the present which is the reality. Travel own self with the pure heart.

All the people don't have the happy pills all the time. True happy pills should be stored within which can be taken when needed.

Human feelings which are so rueful Should be appreciable for revealing out. Which increase the true human life (Humanity). A person should face both the positives and negatives in life. the positive part of life shows, brightness of the surroundings which is filled with enormous happiness where more pure lovable moments are cherished. While facing the negative part of life it shows where the person with lots of losses, helpless and heeled feeling. Never blame the positive thought in soul. which makes a pure happiness truly to make beauty for own soul and surroundings.

"Self-care, self-aware, self-motivation" creates a person with courageous heart to live the interesting life.

In most of the pupil's life, at the young age feeling the change of attitude, character which is really awesome and better for life by the best friend. Moreover, the vision of negative world to owns elf changed into reality. where both positive and negative is definitely a part of happening.

YASWANTHINI S

II YEAR ECE - B
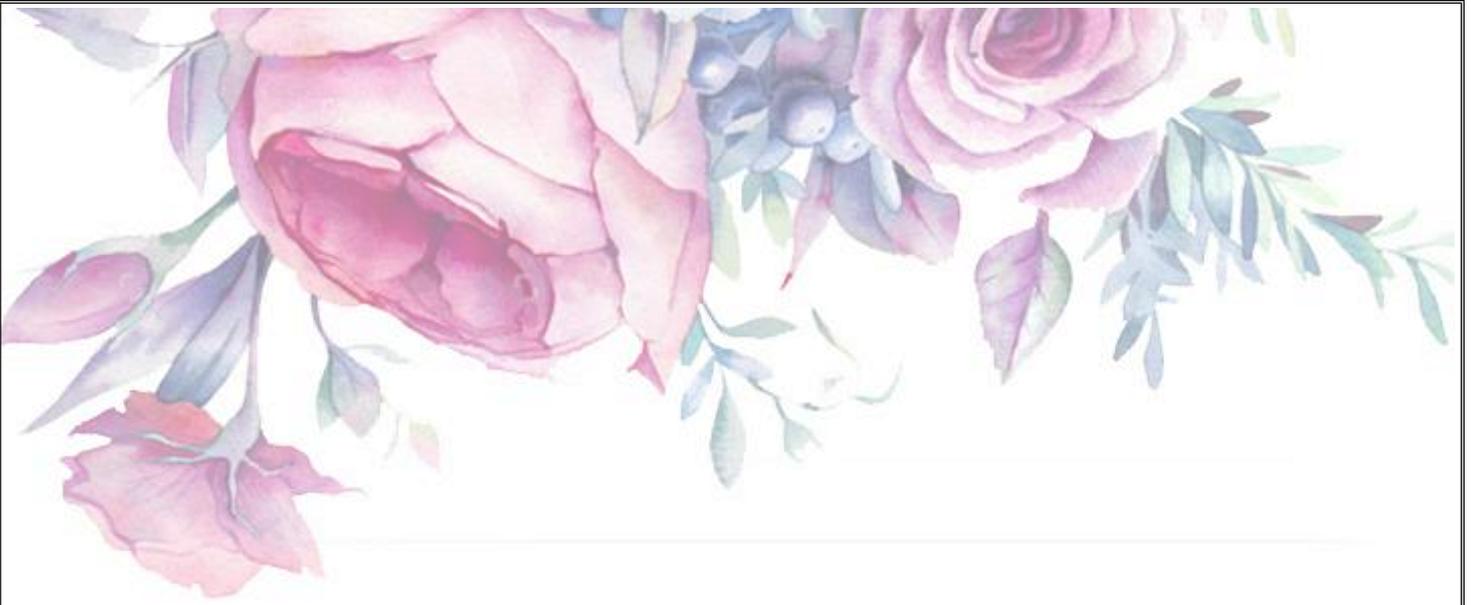
STUDENTS' TAMIL POEMS

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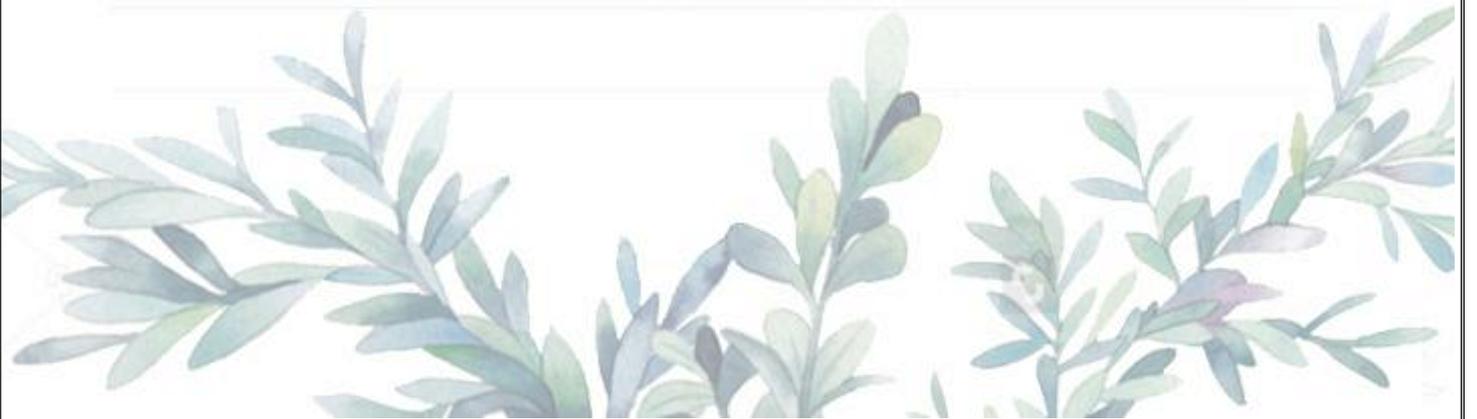
அன்புள்ள அன்னைக்கு,

அன்பின் இலக்கணமாய் விளங்கி

ஆறுதலளித்து

இன்ப துன்பங்களில் துணை நின்று

ஈகை குணம் புகட்டி

உற்றார் உறவினர்க்கு பெருமை சேர்க்க

ஊர் உறக்கமின்றி காத்திட்டாய்

என் எண்ணிய எண்ணம் நிறைவேற

ஏனைய சாதனைகள் நான் புரிய

ஐயமின்றி வளர்த்திட்டாய்

ஒய்யாரமாய் நான் வாழ

ஓடி ஓடி உழைத்த என் இனியவளுக்கு

இனிய பிறந்தநாள் வாழ்த்துக்கள்...

AKSHAYA
II YEAR ECE-A

மழை

கரும் கண்ணினை வைத்து இடிஇடித்து
பல கண்களை பறிப்பவளோ !
சூரியன் மட்டுமல்ல இருள் சூழ்ந்த
சந்திரனும் அழகென காட்டும் நிலவோ !
மேகமாய் என்னை சூழ்ந்து என்னை
உன்னுள் அடக்கிய பாவையோ !
கண்ணீர் துளியால் என்
இதயத்தினை களவு செய்யும் திருடியே
யாரடி நீ….?
மழையென ஏமாற்றும் மழலையோ
செந்தமிழ் பெயர் வைத்த கவிஞனோ
காற்றடித்து காயங்கள் குணமடைய
செய்த மருத்துவனோ
விவசாய நிலத்திற்கு மட்டுமல்ல சில
வாடிய இதயத்திற்கும்
நீ மழையல்ல மருந்தே….

AMSU PRYA B

II YEAR ECE-B

ஆசிரியர்

அணுவைப் பிளந்து

ஆற்றல் எடுத்த ஐன்ஸ்டீன் போல

எங்கள் அறிவைப் திறந்து
ஆற்றல் எடுத்தீரே!

நிலவில் ஏறி கால்பதித்த

நீல் ஆம்ஸ்ட்ராங் போல்

எங்கள் நினைவில் நின்று

கால் பதித்தீரே!

உயிரைக் காக்க பயிரை வளர்க்கும்

உழவன் போல

எங்கள் சோம்பல் என்னும்

களை பறித்தீரே!!

உலகை காக்க உவந்து வந்த ஏசுபிரான் போல

எங்கள் மனதைப் புனிதம் ஆக்கினீரே

நீங்கள் கடவுள் என்பேன்!!!

SELVADHARSINI V

II YEAR ECE-B

காற்று.

தனிமையில் என்னைத் தழுவியவள்!

நீயற்ற உலகில் என்னைத் துலைத்தவளடி நான்....

உன் மௌனமான ஈரக்காற்றோடு, என்னுடன் அதிகமாகப் பேசியவளடி நீ!

கண்கள் அறியா வண்ணம் என்னை என் கனவுகளோடு கரைபுரண்டு

இழுத்துச்சென்றவளடி... நீ!

வண்ணமில்லா உன்னை வர்ணிக்க வார்த்தைகளை என் எண்ணத்தில் தேடினேன்!

நினைத்த பொழுது என் நிழலை விட அதிகமாக என்னுடன் பயணிப்பவர்கள்...

வாழ்வின் அர்த்தம் வலிமையைத் தாண்டி பல

வண்ணங்களாக இருக்க வேண்டும் என்று உணரவைத்தவள்!

கோபமாய் குளிரைத்தந்து, மௌனமாய் மறைந்து சென்றாய்...

இனிமையாய் வந்து என்னை ஈரேழு லோகங்களுக்கும் அழைத்துச் சென்றாய்!

விண்ணைத்தாண்டி விழியிமையாமல் உன் வேகத்தை வெல்ல ஆசைதான்....

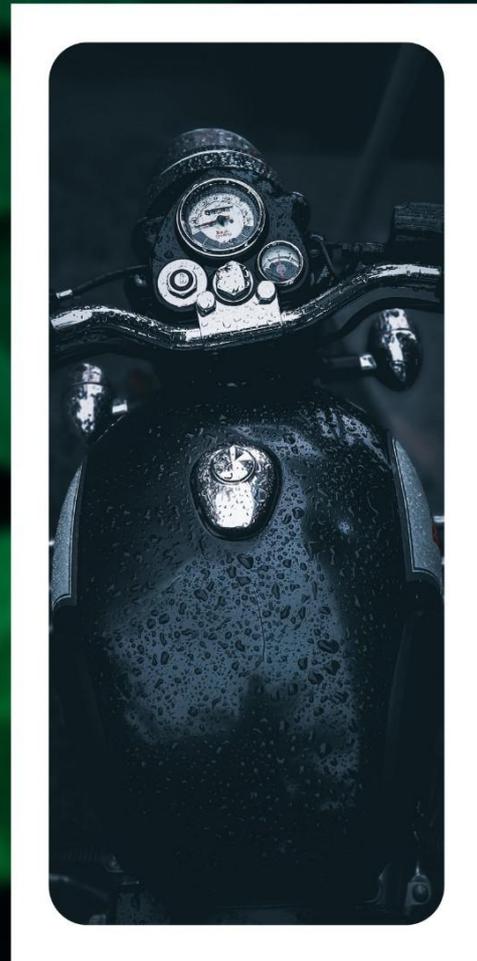காணாக் காற்றோடு கரையாது என் கனவுகள் தொடரும்!

PREETHA R

II YEAR ECE - B

PHOTOGRAPHY

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

Here are some Beautiful shots of our Department Students..

PRIYANK SIDDARTH M J

20BEC303 - II YEAR
ECE A

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Consolidated list of student's Online Certification

Sl.No	Roll No	Name	Title	Date/Duration	Conducted by
1.	17BEC011	Sushindren S	Artificial Intelligence with Deep Learning	20.08.2019	Udemy
2.	17BEC007	P Harishmithaa	C Programming and Assembly Language	Jul-Aug 2019	NPTEL-IIT Madras
3.	19BEC045	Sathish kumar.S	ICSI | CNSS Certified Network Security Specialist	22.05.2020	ICSI (International Cybersecurity Institute)
4.	19BEC097	Diviyyashree I	Mobile Application Development using Android & iOS	–29 April 2020	Department of Information , Engineering College, Coimbatore
5.	19BEC045	Sathish kumar.S	Successfully Completed the course Learn to code	20.04.2020	m1m0
6.	19BEC045	Sathish kumar.S	Autopsy Basics and Hands On (8-Hours)	12.05.2020	Basis Technology
7.	16BEC005	Kiran Ramesh	Career Edge - Knockdown the Lockdown	26.04.2020 to 13.06.2020	TCS iON
8.	19BEC045	Sathish kumar.S	Completed 1.5 total hours of cyber crimes and its preventive measures	05.06.2020	Udemy

9.	19BEC045	Sathish kumar.S	Problem Solving through Programming in C	Jan-Apr 2020	NPTEL-IIT Khargpur
10.	16BEC091	Alfiya Hameedha M	Python 3 Tutorial course	18.06.2020	Solo learn
11.	16BEC091	Alfiya Hameedha M	Programming in Java	27.04.2020	NIIT, New Delhi, India
12.	16BEC071	Nivetha T	Programming in Java	17.04.2020	NIIT, New Delhi, India
13.	16BEC091	Alfiya Hameedha M	SQL fundamentals course	28.05.2020	Solo learn

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution)

Department of Electronics and Communication Engineering

Consolidated list of student's **Special Certification**

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level (State/University, National, International)
1	16BEC060	B Sindhulekha	Best Outgoing Student, Dr MCET, Annual day	15.02.2020	College level
2	16BEC060	B Sindhulekha	Participated in Smart India hackathon and Indian Engineering Olympiad technical contest	15.02.2020	National level

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Details of Conference/Journal Presentation

S.No	Name of the Student	Roll No	Title of the Paper	Details
1.	Deepika S	16BEC078	Design of Wearable Microstrip Patch Antenna for Patient Monitoring	in IJIRSET, Volume 9, Issue 5, May 2020.
2.	Harini.P	16BEC089	Early Detection of Diseases in Coconut Tree Leaves	IEEE 2020 International Conference on Advanced Computing and Communication Systems (ICACCS)". , Technically Sponsored by IEEE and IEEE Madras Section.
3.	Deepika N	16BEC067	Fault Detection and Localization of underground cables	International Conference on science, technology, engineering and management (ICSTEM'20) held on 13.03.2020 and 14.03.2020 at KIT coimbatore
4.	Alfiya Hameedha	16BEC091	Fault Detection and Localization of underground cables	International Conference on science, technology, engineering and management (ICSTEM'20) held on 13.03.2020 and 14.03.2020 at KIT coimbatore
5.	S Sowmiya	16BEC074	New Design approach of encoder and BCD decoder of reversible gates	2nd International Conference on recent trends in Engineering and Scientific technology-2020 on 21.03.2020; Rathinam technical campus
6.	G Harihara sudhan	16BEC090	New Design approach of encoder and BCD decoder of reversible gates	2nd International Conference on recent trends in Engineering and Scientific technology-2020 on 21.03.2020; Rathinam technical campus
7.	Krithika N	16BEC004	Design of High speed pipelined MAC unit using 4:2 compressor for signal processing applications	IJIRSET.VOL 9,Issue 4,April 2020 ISSN;2319-8753

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Details of Sports

S.No	Name of the Student	Roll No	Title of the Event	Details	Prize if Any
1.	Roja P	17BEC054	800mts	2019 technology from 10.10.2019 to 12.10.2019	Second
2.	Roja P	17BEC054	1500mts	2019 technology from 10.10.2019 to 12.10.2019	Second

Details of NCC/NSS

S.No	Name of the Student	Roll No	Title of the Event	Details	Prize/Award if Any
1.	Siva Prasanna P R	17BEC042	Advance Leadership camp-VI	At Hindustan College of Engineering and technology 06.12.2019 to 17.12.2019	-

PLACEMENT DETAILS 2020-2021

S.NO	REG NO	NAME OF THE STUDENT	Company	count	Company 2
1	17BEC017	VENKATESAN B	VVDN	17	
2	17BEC019	Rajeshwaran M			
3	17BEC001	K.KARTHICK			
4	17BEC039	HARIHARAN R			
5	17BEC003	R.JAYA KHAVYAA			
6	17BEC005	S.KIRUTHIKA			
7	17BEC033	Anitha K			
8	17BEC053	A S NIVEDEETHAA			
9	17BEC007	P. HARISHMITHAA			
10	17BEC028	POORNA SIVA THILAK A			
11	17BEC092	Preethi U			
12	17BEC016	Dinesh babu A			
13	17BEC030	Gowri. R			
14	17bec068	Swasthika M L			
15	17BEC094	K.Gokul			
16	17BEC032	SANJEEVKUMAR P			
17	17BEC046	Karthick			
18	17bec031	Shafiudeen.M	Vuram Technology	1	
19	17BEC075	Boophathi	CTS	6	
20	17BEC086	Hiruthika			
21	17bec101	Kamali			TCS
22	17BEC074	Natesh			
23	17BEC027	Mohamedashik			
24	17BEC055	Aashika			Infosys
25	17BEC013	GOKUL ANANTH R	Gain In-Sight	4	CTS
26	17BEC015	Shakthivelu R S			
27	17BEC023	Keerthana G			DXC
28	17BEC087	Oppilaal Eratchanya D			DXC
29	17BEC048	Nanthika V	DXC	6	
30	17BEC022	Meena Rajalakshmi B			
31	17BEC090	Harishmitha R			
32	17BEC012	Nivethitha K S			
33	17BEC071	Soundharyaa.B			
34	17BEC084	Preeti.P			
35	17BEC008	Sabarinathan M	Hexaware	3	
36	17BEC024	Meera S K			
37	17BEC089	Saisreenath K			
38	17BEC106	Mohamed Thalha Moosa Sait	Sanmina	1	TCS
39	17BEC095	Sivan arul N	Tessolve semiconductor	4	CTS
40	17BEC103	K.B.Rohin			
41	17BEC114	Viswa Bharathi. S			
42	17BEC009	Aravind V			
43	17BEC037	Indhumathi M	TCS	3	
44	17BEC077	Prem Chand .J			
45	17BEC044	E. Hemalatha			
46	17bec038	P.Elavarasan	Infosys	1	
47	18BEC304	JEEVA NANTHAM	Caresoft	4	
48	17bec051	Saranya.P			
49	17BEC036	RANJITH J G			

50	17BEC042	SIVA PRASANNA			
51	17BEC110	Kavin K	Onwards smart solutions, Pollachi	1	
52	17BEC020	Abinaya R	Avasoft	1	