

DEPARTMENT ASSOCIATION OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRE! Interact! Inniovate!

YELECTRAZE 9.0 2021-22

SPECTRUM MAGAZINE



ECE SPECTRUM



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 learn 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 lenn1ing at work to create new knowledge.

PE03. Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

Programme Outcomes (POs)

Graduate 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 and environmental responsibilities.

PO 7.Environment and Sustainability: Provide sustainable solutions with societal, environmental contexts for problems related to Electronics and Communication Engineering.

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

PO 9. Individual and Team work: Perform effectively as a member/leader in multidisciplinary 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)

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

PS02. IC Design: Apply the design flow of Very Large Scale Integrated circuits to design and test Integrated Circuits in Semiconductor industries.

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ARTICLES

SEE YOUR TROUBLES AS BLESSINGS

Imagine, how your life would be, if you had never done a mistake?! Or facing trouble? If you think that it would be amazing to live, then you are mistaken. You will never live a ideal life without facing trouble. Because, troubles are the things which makes you the one who you are today. *They are coming to shape you, make you, and teach you not to break you*, but the most important thing is that we should have the belief that troubles are for a reason. So, try to learn from troubles and build yourself strong. When God gives you, tough situation prove that you are tougher than the situation.

Every coin has two sides, every story has two perceptions, in the same way everyone's life has ups and downs as well. If we never know the downs, we can't cherish the ups. As everyone says, even if our pulse lacks ups and downs, it's indeed a big deal. The one who lives in shadow will never be grateful and happy for what he has unless he gets trouble of sun. We must be grateful not to our troubles, but the lessons they taught us. Our character is created, built and shaped by those troubles.

Recently, I came across the book 'Who will cry when you die', in which the author listed hundred habits and character one must follow and develop to lead a happy and healthy life. In that book one of the thing which he enforced is to see the troubles as our blessing. He says that experience are our greatest teachers, also troubles are the one which gives experience. He also quoted "You would not have wisdom and knowledge you now possess were it not the setbacks you have faced, the mistakes you have made and the sufferings you have endured". That book created a major impact in perception and handling the troubles in me. That's the one which pushed me to write the article about the same. If you are still worried about making mistakes or failing in the attempt, remember if you are not willing to utter a single word wrong, then acquiring fluency is only a dream. **Every master, was once a starter, achieved great only because he/she is a learner.** So, never be worried to learn from mistake or while facing a trouble. The great scientist DR.A.P. J Abdul Kalam sir said, the word FAIL means First *attempt in learning*. But, one of the most important things is to note is failure *is the stepping stone to success only if you learn from them.*, so, what are you waiting for?!, Get ready to count your blessings!



-DHEVADHARSHNI P (3RD YEAR) -19BEC008

Beauty lies in the beholder of the eye

The real essence of beauty is reflected in the soul of the person and not in the physical appearance. People refuse to realise that Physical appearance are deceptive what really matters is the inner beauty of the person. But people in the present world doesn't understand that beauty is not what reflects on the face, it is a virtue of character and still search for it through cosmetics, plastic surgery. It doesn't define a pretty face, smooth skin, trending clothes rather it embraces a person's quality and personality

Social media is definitely the most impacting part of our society and pressuring many to try and pursue perfect beauty. It is common that handsome and smart people are more appealing but the hidden truth lies on the inner beauty of the person. The inner beauty that is seen through a person's character focus on the real beauty that lies within the soul. It is bitter to understand that the physical appearance of a person may fade with the passage of time but their character and the quality of thoughts may not. The outer beauty of a person mayn't define the quality of the soul. So, there is a drastic need for change in people's mentality. We need to accept our looks in just the way it is and to focus on the personality and his behaviour in spite of perfect looks.

The best way is to feel contended with the way you look. Every individual is considered beautiful just the way they are. So, it is a great wisdom to realize that beauty lies in the beholder of the eye.

-AKHILA KRISHNAN K (2ND YEAR) -20BEC007

ICONIC WOMEN

Generally, women are denied for their right to education, their rights to basic things, even rights to express themselves. Here is one such inspiring women who has overwhelmingly defeated all these problems.

And yes, she is Nobel laureate "Malala Yousafzai" -The Nobel Peace Prize winner - at a very tender age of 17.-2014. The youngest person in history to win a Nobel. She was born on 12 July 1997 in the Swat district of north western Pakistan, she is the daughter of Ziauddin and Tor Pekai Yousafzai and has two younger brothers. Her father was a school owner and was active in educational issues.

"If you educate a man, you educate an individual, but if you educate a woman, you educate a family (nation)." Accordingly at a very young age, Malala developed a thirst for knowledge.

In 2007, when Malala was ten years old, the situation in the Swat Valley rapidly changed for her family and community. The **Taliban** began to control the Swat Valley and became the dominant socio-political force throughout much of northwestern Pakistan. Girls were banned from attending school, and cultural activities like dancing and watching television were prohibited. Suicide attacks were widespread, and they made opposition to a proper education for girls a cornerstone of its terror campaign. By the end of 2008, the Taliban had destroyed some 400 schools.

But this girl, not just a little girl but this iconic woman determined to go to school and with a firm belief in her right to an education, Malala stood up to the Taliban. Malala quickly became a critic of their tactics. **"How dare the Taliban take away my basic right to education?"** she once said on Pakistani TV. This shows her determination and firm thoughts on her rights to education.

BBC wanted a young girl in Pakistan to blog about the pains of living under the Taliban. Everyone they approached refused, since it was too risky. Ziauddin Yousufzai, a schoolteacher and in correspondence with the BBC, suggested the perfect candidate, His daughter, Malala. Hence, she started keeping a 'diary.'

In early 2009, she started to blog anonymously on the Urdu language site of the British Broadcasting Corporation (BBC). She wrote about life in the Swat Valley under Taliban rule, and about her desire to go to school. Using the name "Gul Makai". Malala was 11 years old when she wrote her first BBC diary entry. Under the blog heading "I am afraid," she described her fear of Taliban's and her shattering dreams.



Pakistan's war with the Taliban was, and on May 5, 2009, Malala became an internally displaced person (IDP), after having been forced to leave her home for safety. On her return, to swat ,Malala once again used the media and continued her public campaign for her right to go to school. Her voice grew louder, and in the next three years, she and her father became known throughout Pakistan for their determination for **access of Girl Education**. Her activism resulted in a nomination for the International Children's Peace Prize in 2011. That same year, she was awarded Pakistan's National Youth Peace Prize.

But not everyone supported and welcomed her campaign to bring about change in Swat. On the morning of October 9, 2012, 15-year-old Malala Yousafzai was shot by the Taliban. She was shifted to a Pakistani military hospital in Peshawar and four days later to an intensive care unit in Birmingham, England.

Malala was taken out of a medically induced coma. she would require multiple surgeries, including repair of a facial nerve to fix the paralyzed left side of her face, she had suffered no major brain damage. But with no shattered thoughts and Dreams she started attending classes from 2013.

Her perseverance and consistency for her rights to education made her come through this long way. She has been a fire in promoting her sense of self-worth, talents and abilities.so that is you who define your worth and choose who you wanted to be. Make better decisions and lead a Brave and Best satisfied Life.



-SANDHIYA.S(3rd YEAR) -19BEC024

BLESSINGS

Count the blessings and let your hearts be grateful! Filled with love Spread grace and share the happiness! Count the trespasses and let your heart bewail seek harmony in prayer; gallantry in God's presence Let the heart rejoice and be thankful always...!

-SELVATARSHINI S (3RD YEAR)

-19BEC016

SOLAR CELLS

DEFINITION

A solar cell is a nonmechanical device that converts sunlight directly into electricity.

PRINCIPLE

Absorption of light creates positive and negative charges that are picked up by the electrodes, providing an electric current.

ALSO KNOWN AS

PHOTOVOLTAIC CELL - a specialized semiconductor diode that converts visible light into direct current (DC)

DO YOU KNOW

Some PV cells can also convert infrared (IR) or ultraviolet (UV) radiation into DC electricity

WORKING

1. Light shines on solar the cells.

2. Part of that light is absorbed by the solar cell's material.

3. The energy of the absorbed light excites electrons from the atoms of the material into the conduction band. The electrons are free to move under this state.

4. A built-in electric field, generated by a p-n junction, drives the excited electrons through the material until they are collected by metallic contacts.

5. Electrons may now be transported elsewhere in order to supply electrical energy.



INVENTORS

1876 - W. Adams discovers that selenium produces electricity when exposed to sunlight

1883 - Charles fritters design the first photovoltaic cell

1905 - Albert Einstein discovers electrons can be liberated from metal by exposure to the sun

- 1918 Jan Czochralski grows the first single crystal silicon
- 1954 The first photovoltaic cell is created in Bell laboratories
- 1956 Solar cells become commercially available
- 1977 The solar energy research institute is created
- 1978 the first feed in tariff is implemented in the US
- 1981 The first solar powered airplane is built
- 1982 The first solar powered cars are developed
- 1993 the first grid supported solar system is completed in Kerman, California
- 2005 The investment tax credit is first adopted in the US
- 2009 Solar energy is founded in Hopkinton, MA

DID YOU KNOW

Two scientists, **Benjamin List**, from the Max-Planck-Institute in Germany, and **David MacMillan**, a professor at Princeton University, working independently of each other, won the Nobel Prize 2021 in chemistry for their work into molecular construction and its impact on a range of uses from solar cells to battery storage.

-YALINI SHREE P V (2ND YEAR) -20BEC024

NEERAJ CHOPRA-MAN CONQUERING DREAM DISTANCES.



"Excellence Is the Gradual Result Of Always Striving To Do Better."

When we say cricket or football, we come up with a hundred names. But, for a few names in javelin throw? We Scratch our head! To sum up, quickly we can say that India is not an 'athletic nation'.

One such young prodigy is **Neeraj Chopra who was born on** December 24, 1997 in Panipat, Haryana. His father is a farmer and he cultivates in his small village Khandra. Neeraj has two sisters and his mother is a housewife. From such a family circumstance he is really a big motivation in making World level records.

. Neeraj developed an interest in Javelin at the tender **age of 11** after keeping an eye on **Jaiveer** (Jai Choudhary) who used to practice at the Panipat Stadium. Jaiveer is a javelin athlete who represented Haryana. In 2014, Neeraj bought his **first Javelin worth Rs 7000**.

India-` country with such a mediocre history in athletics, On one morning, in **2016**, when the news of a **19-year-old** Indian Javelin thrower creating a world record flashed on social media and television. He threw the Javelin to a distance

of 86.48m to win the World U-20 Championships, in Poland. This was a Junior World Record throw. In 2016, Championships in Poland. He is the only the second Indian athlete to join league of legends after Milkha Singh in 1958.

The man in the form took no time in becoming Asia's best as he won the Asian Championships 2017, in Bhubaneswar, by throwing a distance of 85.23m. He also competed in the prestigious IAAF Diamond League Events for the first time in 2017 where he finished seventh.

He bagged the gold medal in Commonwealth Games 2018 with a throw of 86.47m. Then he threw his personal best of 87.43m in the Doha leg of Diamond League 2018. He won the <u>Asian Games</u> with an 88.06m throw, which was one of the best throws of the season.

ACHIEVEMENTS

- Gold medal at the National Junior Championships (under 16) in Lucknow in 2012.
- Silver medal at the National Youth Championship in 2013.
- 3World junior record holding javelin thrower at the 2016 IAAF World U20 Championships in Bydgoszcz, Poland.
- Silver medal in 2016 Asian Junior Championships.
- Gold medal in the 2017Asian Athletics Championship.
- Gold glory for the champion in Asian Games in 2018.
- The young prodigy is already felicitated with the Arjuna Award (2018).
- He was also nominated for Rajiv Gandhi Khel Ratna Award.

Neeraj Chopra joined the Indian army as Junior Commissioned Officer. This iconic man once said,

"I accepted the job as I was desperately in need of a job to sustain my training. Nobody in my family has a government job, now I have received the one and now I can help my family financially." Some interesting facts about our Track and Field athlete:

- Neeraj weighed 77kg at the age of 13, his uncle was strict and asked him to join sports.
- He is the second Indian athlete after Vikas Gowda to participate at the Diamond League event.
- His passion for the javelin throw was fuelled by endless hours of watching every YouTube video of Jan Zelenzy, a retired track and field athlete from the Czech Republic.
- With a busy practising schedule across India and abroad, Neeraj could attend regular school only up to Class IX and is now studying through the open school system.

It is you who choose who you want to be, what you to be, how you wanted to express yourself to this world.

-KANNAN R (3RD YEAR) -19BEC048

AN UNPAID JOB!

Each and every job which we humans do deserves a certain amount of money in return of the hard work and the time we spent on it. We all aim for something when we work or do a job. From a very small age even if we complete our home works, we expect a candy from our parents. As elders we expect something in return either in money or fame. But have we wondered about a job in this world that someone does out of lot of hardships but expects nothing?

Mom where are you? Mom where is my laptop? Mom where are my clothes? Mom! Mom! Mom! Whom do you call out first when you reach home? Have you wondered how many times you call out to your mom in a day? From the birth of a child till each and every stage child grows a MOTHER plays various roles only for her children. She is a friend, a sister, a daughter, a well-wisher, a guide and so on. She does so much for the family but what does she get in return?

Does she complain about bulged eyes? Does she worry about her migraine? Does she make a fuse about missing her favourite shows? Does she complain of not getting even a single day of relaxation even though others get two days a week? Does she even have time for herself? She is sometimes an early bird and sometimes a night owl. When others work only for eight hours a day, she works day and night without a drop of regret.

Yes, the highest paid job in this world should be that of a mother. Even though she expects nothing in return, its one's duty to shower mammoth love, care and respect instead of grumbling over the little things she does. She gets mocked, abused, spurned, wound and many more throughout her life. A tasty food doesn't get appreciated but a bit salty one gets pricked at once, as soon as it touches the tongue. She gets insulted at the work place or educational institution just because she doesn't know the language but still, she will wait for hours just to fill your stomach for lunch. She does so much for the family but we don't appreciate or value it. This should not be the case. We should learn to treasure and cherish their presence in this world.

So, let's celebrate these wonderful epitomes of multitasking superwomen for their boundless energy and time, each and every day. One should realize that a MOTHER is the first indication of God. Cheers to their irreplaceable love, care and efforts!!!

-KRISHA S (3RD YEAR) -19BEC021

SMART DUST

Smart dust is tiny electronic devices designed to capture excess information about their surroundings while floating on air. It is the pack of sophisticated sensors, tiny computers and wireless communicators in to a cubic-millimetre mote to form the basis of integrated, massively distributed sensor networks. As the motes drift on wind, they can monitor the environment for light, sound, temperature, chemical composition and a wide range of other information, and transmit that data back to the base station.

The power system consists of a thick-film battery, a solar cell with a chargeintegrating capacitor for periods of day. An integrated circuit provides sensorsignal processing, communication, control, data storage, and energy management. A photodiode allows optical data reception. There are two transmissions: passive transmission using a corner-cube retro reflector and active transmission using a laser diode and steerable mirrors. Integrated circuit will contain sensor signal conditioning circuits, a temperature sensor, and A/D converter, microprocessor, SRAM, communications circuits, and power control circuits.

The smart dust mote is run by a microcontroller that not only determines the task performed, but also consists of the power to the various components of the system to conserve energy. Periodically the micro controller gets a reading from one of the sensors, which measure one of temperature, ambient light, vibration, acceleration, or air pressure, process the data, and store it in memory. It also turns on optical receiver to see if anyone is trying to communicate with it.

In response to message or upon its own initiative, the microcontroller will use the corner cube retro reflector to transmit sensor a message to a base station or another mote. When the timer expires, it powers up the corresponding sensor, takes a sample, and converts it to a digital word. The data was stored directly in the SRAM.

-ROHITH G (3RD YEAR) -19BEC019

Machine learning and IoT in Agriculture

Machine learning is the study of computer algorithms that can improve automatically through experience and by the use of data. It is seen as a part of artificial intelligence. Machine learning algorithms build a model based on sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to do so.

In the Agricultural side, this ML along with IoT (Internet of Things) can be widely used in

Yield Prediction,

Quality of Crops,

Identification of Plant Diseases,

Weed Detection.

Using various algorithms such as K- Nearest Neighbour (KNN), Support Vector Machines (SVM) and Linear Discriminant Analysis (LDA) with some essential sensors such as Location Sensors, Optical Sensors, Electrochemical sensors, Mechanical Sensors, Dielectric soil moisture sensors and Airflow sensors.

By Implementing This ML and IoT techniques in the Agri Automated Systems, crops can be yielded in efficient manner.

-KARTHIKEYAN S (3RD YEAR) -19BEC018



|CLEAR EXPRESSION OF MIXED FEELINGS |

ABOUT NATURE

Therefore, am I still

A lover of the meadows and the woods, And mountains; and of all that we behold From this green earth; of all the mighty world Of eye and ear, — both what they half-create, And what perceive; well pleased to recognize In nature and the language of the sense, The anchor of my purest thoughts, the nurse, The guide, the guardian of my heart, and soul Of all my moral being

> -RAJA KAVIYA (2ND YEAR) -20BEC002

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... 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 (3RD YEAR) -19BEC043

LIFE

Life is a challenge-meet it Life is a gift-accept it Life is a sorrow-overcome it Life is a tragedy-face it Life is a tragedy-face it Life is a mystery -unfold it Life is an opportunity- stake it Life is an opportunity- stake it Life is a promise-Don't break it Life is a struggle-fight for it Life is a struggle-fight for it Life is a duty-perform it Life is a beauty-praise it Life is great -make something good of it Life is a stage -act and give your best.

> -G. SANKARI (2ND YEAR) -20BEC050

கலாம்

சிதைப்பட்ட நெஞ்சம் கொண்டு சீரிய சிந்தனையுடன்

சரித்திரம் படைத்த மனிதர்.... எதிர்பார்ப்பில்லா ஏவுகனைகளுடன் எதிர்காலத்தை நோக்கிப் பயணித்தார்.... இமயம் போல் இதயம் கொண்டு இளைஞர்களை ஈற்றுச் சென்றவர்...... ஆயிரம் வார்த்தைகள் உணர்த்தாவற்றை - ஓர் வாக்கியத்தில் உணர்த்தியவர்...... தான் என்ற தனிமனித எண்ணத்தை - தரையோடு தகர்த்துச் சென்றவர்..... வாழ்வின் அர்த்தத்தை ஆழமாய் அறிந்து- மழலைக்கண் கொண்டு உலகைக்காணக் கற்பித்தவன்..... பலர் காணும் கனவிற்கு - தன் காகிதம் கொண்ட கனவினை காற்றில் காண்பித்வர்....!



-PREETHA R (3RD YEAR) -19BEC002

விவசாயி

ஊரார் மூன்று வேளை உண்ண...... இவனோ.... இரு வேளை உண்ணா விரதம்..... ஊரார் சொகுசாய் வாழ.... இவனோ...... அரை நிர்வாண பக்கிரியாய்... உரிமைக்கோரி..... உள்ளமற்றோர் காலடியில்...... காயம் பல கண்டும் சாயம் பூசா மாய விந்தையே... விவசாயமும் விவசாயியும்.... மழை இன்றி வான் ஏமாற்ற விலை இன்றி ஊர் ஏமாற்ற வளம் இன்றி மண் ஏமாற்ற உறக்கம் இன்றி இரா ஏமாற்ற இரக்கமின்றி தரகன் ஏமாற்ற ஊதியம் இன்றி உழைப்பும் ஏமாற்ற...... அனைத்திற்கும் செவிசாய்த்து.... முடங்கிக்கிடக்கிறான்..... தன் வீட்டுத் திண்ணையில்.....!

> -SATHISH KUMAR. S (3RD YEAR) -19BEC046

பயம்

நமக்கு கொடுக்கப்பட்ட வலிகள், காயங்கள், அவமானங்கள், அசிங்கங்கள் இவற்றை விடவும் குரூரமான ஒன்று உள்ளது அதுதான் பயம்.

எதையெதையோ கடந்து வந்த நாம் இங்கே தடைபட்டு, உடைபட்டு நிற்கிறோம் என்றால் அதற்கு நாம் மட்டுமே காரணம் என்று சொன்னால் அது மிகையாகாது.

பொறுப்பற்ற சமூகமும் அதனை உருவாக்கிய ஆளுமைகளும்கூட காரணங்களே!

சிற்றின்பம் தேடி சிதைந்த நம்மில் பலருக்கு பேரின்பம் எட்டாக் கனியாகவே இருந்து வருகிறது காரணம் பயமே.

துரத்தும் தூரத்தில் தான் உள்ளது அனைத்து வன்மங்களும். துயர் நீக்கி வழி மேல் விழி வைத்து கண்ணும் கருத்துமாக தொடர்வோம் நம்பயணத்தை நம் ஆசை இலக்குகளோடு...

> -KEERTHIKA M (2ND YEAR) -20BEC002

PHOTOGRAPHY THE STORIES I FAILED TO PUT INTO WORDS

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- SEI 001

ar Britan









RAMANATHAN S

19BEC091 ECE A III YR

















ECE B III YR









KIRUTHIKA P

19BEC023 ECE A III YR







NIKILESH S 20BEC033 ECE A - II YR



NAVEEN CHANDRA V 20BEC054

20BEC054 ECE B - II YR



HARISUTHA AS

20BEC018 ECE B - II YR














SATHISH KUMAR S

19BEC046 ECE B III YR





SANJITH DASS S 21BEC312 ECE B II YR







DURALINGAM G

21BEC308 ECE B II YR



HARINI M 20BEC034 ECE B II YR



GOKUL ANAND J

20BEC006 ECE B II YR

ARTISTRY

SHARE YOUR HEART WITH YOUR ART



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KIRUTHIKA P-III YEAR





SRI VISHNU.R II YEAR



S.SANGAVI II YEAR

P.KIRUTHIKA III YEAR





SRI VISHNU.R II YEAR

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Department of Electronics and Communication Engineering

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level
1.	19BEC044	Amsu priya B	1-day 4.0 tech online bootcamp session completed in AI & ML, Data Science	21.05.2021(E)	National
			Attended One week Short Term Training Program on PCB Designing and Arduino Development organized	17.05.2021 to	
2.	19BEC047	M. Shanmuga Lakshmi	by departments of Electrical and Electronics Telecommunication Engineering held at ARMIET,	23.05.2021(E)	National
			A.S. Rao Nagar, Shahapur through Online Platform		
			Attended Webinar on Automotive Seating System		
3.	19BEC319	Ramya D	and Its Validation at Sri Eshwar College of	07.07.2020	National
			Engineering, Coimbatore		
			Attended Webinar on Practical Applications of		
4.	19BEC319	Ramya D	Control Systems in Industry organized by	17.07.2020	National
			Department of ECE at Sethu Institute of Technology		
			Attended One day National Level Webinar on Next		
v	10BEC310	Domin D	Gen Mobile Automation Platform-Test Project	13 07 2020	Mational
·.	17DLCJ17	Nalliya D	organized by Dept of ECE, Hindusthan Institute of	0707.10.01	INALIULIAI
			Technologyy, Coimbatore		
			Attended IETE webinar on Applications of ML tools		
6.	19BEC319	Ramya D	for health care organized by Dept of ECE, St	04.07.2020	National
			Joseph's Institute of Technology, Chennai		
٢		Currethe V	Attended workshop on Introduction to LiDar Sensors	0000 01 90	National
••		Swellia V	for self driving Cars, by SKILL LYNC	50.12.2U2U	INALIULIAI

Details of Workshop/Webinar

%	19BEC100	A.B. Rithika	Participated in the online webinar titled Cyber Security Forensics and Incident Response organized by Dept of ECE, Dr MCET	15.06.2021(E)	National
9.	19BEC090	Bhavna N	Participated in webinar on Recent trends in machine learning and Artificial Intelligence forImage Processing organized by Dept of ECE, Dr MCET	04.06.2021(E)	National
10.	19BEC090	Bhavna N	Participated in the online webinar titled Cyber Security Forensics and Incident Response organized by Dept of ECE, Dr MCET	15.06.2021(E)	National
11.	18BEC044	Saravana Kumar A	Participated in the value added course on Custom Analog IC design using Cadence EDA tool organized by Dept of ECE ASIC centre of excellence, Dr MCET	09.03.2021 and 10.03.2021(E)	College
12.	18BEC043	Abarna A	Participated in the value added course on Custom Analog IC design using Cadence EDA tool organized by Dept of ECE ASIC centre of excellence, Dr MCET	09.03.2021 and 10.03.2021(E)	College
13.	18BEC002	L K Silvas Melshia	Participated in the webinar on Recent Trends in Fiber Optics and Photonic Integrated Circuits with its Applications by Dept of ECE, SRM TRP Engineering College, Tiruchirappali	03.07.2020	National
14.	18BEC060	B Varuna	Participated in webinar on cSim 2.0-Open Source Electronic Simulator organized by Dept of ECE, Sethu Institute of Technology	20.07.2020 and 21.07.2020	National
15.	18BEC060	B Varuna	Participated in webinar on Aduino Hardware and Programming organized by Dept of ECE, Sethu Institute of Technology	30.07.2020	National
16.	18BEC016	Devi Priyaa MR	Participated in Live Webinar on Aptitude Training organized by Innovative HR and Training Services P Ltd	19.08.2020	National
17.	19BEC008	Dhevadharshni P	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National
18.	19BEC016	Selvatarshini V	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National

19.	19BEC028	Sreemathi M	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National
20.	18BEC104	Trissaan	Participated in the webinar on Future Demand for Electronics Engineers organized by Dept of ECE, SCAD College of Engineering and Technology	03.07.2020	National
21.	18BEC082	Srimathy R	Participated in the online webinar titled Cyber Security Forensics and Incident Response organized by Dept of ECE, Dr MCET	15.06.2021(E)	National
22.	18BEC016	Devi Priyaa M R	Participated in the online webinar titled Cyber Security Forensics and Incident Response organized by Dept of ECE, Dr MCET	15.06.2021(E)	National
23.	19BEC048	Kannan R	Participated in the online webinar titled Dimensionality Reduction Methods organized by Dept of ECE, Dr MCET	29.05.2021(E)	National
24.	19BEC029	Michkel Anglo J	Successfully completed 8 weeks online training on Ethical hacking organized by Intershala	01.07.2020 to 26.08.2020	National
25.	19BEC052	Navaneethan S	Completed a course on Learn to Design your own Solar Home System by RR Institute of Technology	17.07.2020	National
26.	18BEC068	Mohamed Javith A	Completed Course in Essentials on Internet of Things (IoT) at Livewire, Thanjavur	21.12.2020 to 21.01.2021(E)	National
27.	19BEC052	Navaneethan S	Participated in the workshop on Sentimental Analysis using Deep Learning organized by Department of IT, Stanley College of Engineering and Technology for women in association with Pantech e Learning	22.04.2021 and 23.04.2021(E)	National
28.	19BEC052	Navaneethan S	Completed a 2 days workshop on IoT & Embedded Systems organised by Dept of IT, Mahatma Gandhi Institute of Technology in assocation with Pantech E Learning	13.04.2021 to 14.04.2021(E)	National
29.	18BEC107	Vidhyasri S	Completed online webinar on MS Excel Training organised by Innovative HR & Training Services Pvt Ltd	21.08.2021 to 23.08.2021(E)	National
30.	18BEC107	Vidhya Sri S	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National

			Particinated in the online webinar on IoT: Paradiems		
31.	19BEC044	Amsu Priya B	and Solutions for Next Generation Smart Ecosystems-HAMS: Harnessing Automobiles for	13.08.2020	National
			safety organized by Dept of ECE, CIT coimbatore		
			Participated in Webinar on Industrial IoT using		•
32.	20BEC303	Priyank Siddarth	LokaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
			Participated in the online webinar titled Cyber		
33.	18BEC056	Manjubala M	Security Forensics and Incident Response organized	15.06.2021(E)	National
			by Dept of ECE, Dr MCET		
			Participated in the online webinar titled Cyber		
34.	19BEC052	Michkel Anglo J	Security Forensics and Incident Response organized	15.06.2021(E)	National
			by Dept of ECE, Dr MCET		
			Participated in the online webinar titled Photonic		
35.	20BEC318	N Santhosh	Devices for Communication Applications organized	31.05.2021(E)	National
			by Dept of ECE, Dr MCET		
			Participated in the online webinar titled Recent		
36	19RFC101	Praveen Kumar T	Tends in Machine Learning & Artificial Intelligence	04 06 2021(E)	National
			for Image Processing organized by Dept of ECE, Dr	(1)1707:00:10	Introduct
			MCET		
			Participated in the online webinar titled Photonic		
37.	19BEC079	S Arunkumar	Devices for Communication Applications organized	31.05.2021(E)	National
			by Dept of ECE, Dr MCET		
			Participated in the online webinar titled Recent		
38	19RFC100	A R Rithika	Tends in Machine Learning & Artificial Intelligence	04 06 2021/F)	National
			for Image Processing organized by Dept of ECE, Dr		Innorm
			MCET		
			Participated in the online webinar titled Photonic		
39.	19BEC100	A.B Rithika	Devices for Communication Applications organized	31.05.2021(E)	National
			by Dept of ECE, Dr MCET		
			Participated in the online webinar on IoT: Paradigms		
40	19BEC044	Amsu Priva B	and Solutions for Next Generation Smart	12.08 2020	National
5			Ecosystems-Digital future for the new normal		
			organized by Dept of ECE, CIT coimbatore		
41.	19BEC010	V Kanimozhi	Participated in the online webinar titled Photonic	31.05.2021(E)	National
			Devices for Communication Applications organized		

			by Dept of ECE, Dr MCET		
42.	19BEC090	N Bhavna	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
43.	20BEC318	N Santhosh	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
44.	19BEC044	Amsu priya B	Participated in Live session on National Educational Policy organized by Karpagam College of Engineering, Coimbatore	16.10.2020	National
45.	19BEC036	Niyas Y	Participated in the workshop on Sentimental Analysis using Deep Learning organized by Department of IT, Stanley College of Engineering and Technology for women in association with Pantech e Learning	22.04.2021 and 23.04.2021(E)	National
46.	19BEC036	Niyas Y	Completed a 2 days workshop on IoT & Embedded Systems organised by Dept of IT, Mahatma Gandhi Institute of Technology in assocation with Pantech E Learning	13.04.2021 to 14.04.2021(E)	National
47.	19BEC048	R Kannan	Participated in the online webinar titled Photonic Devices for Communication Applications organized by Dept of ECE, Dr MCET	31.05.2021(E)	National
48.	19BEC004	Thanusha N R	Participated in the online webinar titled Photonic Devices for Communication Applications organized by Dept of ECE, Dr MCET	31.05.2021(E)	National
49.	19BEC101	Praveen Kumar T	Completed one day Webinar on Web Development for IoT, organized by Robogenesis	31.05.2021 (E)	National
50.	19BEC044	Amsu Priya	Completed 5 days Training on Python for Hacking organized by Prompt Infotech	Jan 2021(E)	National
51.	19BEC048	R Kannan	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
52.	19BEC044	Amsu Priya B	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National

53.	18BEC102	Nivetha M	Participated in the value added course on RF Circuit and Antenna Design using ADS by dept of ECEat Keysight Centre for RF communication systems	10.03.2021(E)	College
54.	19BEC004	Thanusha N R	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National
55.	18BEC086	Sabareesh R	Participated in the webinar on Future Robotics with Humanoids organized by Kumaraguru Center for AI & Robotics	30.07.2020	National
56.	19BEC100	A B Rithika	Participated in Webinar on Recent Trends in RF Technology and its Applications organized by Dept of ECE, Dr MCET	08.08.2020	National
57.	19BEC100	A B Rithika	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
58.	19BEC026	Sriharan V	Participated in the workshop on Sentimental Analysis using Deep Learning organized by Department of IT, Stanley College of Engineering and Technology for women in association with Pantech e Learning	22.04.2021 and 23.04.2021(E)	National
59.	19BEC026	Sriharan V	Completed a 2 days workshop on IoT & Embedded Systems organised by Dept of IT, Mahatma Gandhi Institute of Technology in assocation with Pantech E Learning	13.04.2021 to 14.04.2021(E)	National
60.	19BEC101	T Praveen Kumar	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE, Dr MCET	26.05.2021(E)	National
61.	18BEC094	Nagayasashwini N	Participated in the value added course on Custom Analog IC design using Cadence EDA tool organized by Dept of ECE ASIC centre of excellence, Dr MCET	09.03.2021 and 10.03.2021(E)	College
62.	19BEC020	Monasri A	Successfully completed the 4 days training on web development fundamentals organized by Hackoversecurity	Feb 2021(E)	National
63.	19BEC004	N R Thanusha	Participated in Webinar on Industrial IoT using LoRaWAN Technology organized by Dept of ECE,	26.05.2021(E)	National

	National
	04.06.2021(E)
Dr MCET	Participated in the online webinar titled Recent Tends in Machine Learning & Artificial Intelligence for Image Processing organized by Dept of ECE, Dr MCET
	R Kannan
	19BEC048
	64.

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Department of Electronics and Communication Engineering

S.No	Roll No	Name of the Student	Details of Event & Venue	Date of the event	Level	Prize if any
1.	19BEC010	V. Kanimozhi	C Programming Quiz conducted by Department of Computer Engineering by Government Polytechnic College Sankarapuram	07.10.2020	National	Scored 100%
2.	19BEC029	Michkel Anglo J	Completed a National Level Quiz on Python Programming organized by Department of CSE Andhra Loyola Institute ofEngineering and Technology, Kakinada, Vijayawada, Adhra Pradesh	26.06.2021(E)	National	
3.	19BEC029	Michkel Anglo J	Completed a National level Quiz on C Programming with score of 55% organized by Dept of ECE, SVS College of Engineering, Coimbatore	25.07.2020	National	
4.	19BEC003	Sri Rathan Vignesh S	Completed a National level Quiz on Electronic Circuits with score of 75% organized by Dept of ECE, SVS College of Engineering, Coimbatore	17.07.2020	National	
5.	19BEC003	Sri Rathan Vignesh S	Completed participating in The Guinness world record event-Most users to take an online computer programming lesson in 24 hours	24.04.2021 6PM to 25.04.2021 6PM (E)	International	
6.	18BEC068	Mohamed Javith A	Completed participating in The Guinness world record event-Most users to take an online computer programming lesson in 24 hours	24.04.2021 6PM to 25.04.2021 6PM (E)	International	
7.	19BEC029	Michkel Anglo J	Build a Face Recognition Application using python as part of AI-For India Event	25.04.2021 (E)	National	
8.	19BEC044	Amsu Priya B	Build a Face Recognition Application using python as part of AI-For India Event	25.04.2021 (E)	National	

Details of Symposium/Technical Events/Projects/Non Technical/Quiz

9.	19BEC018	19BEC018 Karthikeyan S	Juinness world record le computer	24.04.2021 6PM to 25.04.2021	International	
			programming lesson in 24 hours	6PM (E)		
			Completed participating in The Guinness world record	24.04.2021 6PM		
10.	19BEC009 Nithin K	Nithin K	event-Most users to take an online computer	to 25.04.2021	International	
			programming lesson in 24 hours	6PM (E)		
			Completed participating in The Guinness world record	24.04.2021 6PM		
11.	19BEC017 Hagith D	Hagith D	event-Most users to take an online computer	to 25.04.2021	International	
			programming lesson in 24 hours	6PM (E)		
			Completed National level E-Chem Quiz on Cognitive			
12.	19BEC052	19BEC052 Navaneethan S	Chemistry, Dept of Chemistry, ramakrishna mission	27.07.2020	National	
			Vivekananda College, Chennai			
			Successfully completed National level online quiz on			
13	10BEC044	Amen Drive R	Statistics organized by dept of Mathematical Sciences,		National	
1			Sree Vidyanikethan Degree College, Tirupati, Andhra	0707.00.01	TAULOIIAI	
			Pradesh			

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Department of Electronics and Communication Engineering

SI.No	Roll No	Name	Title	Date/Duration	Conducted by
-i	19BEC079	Arunkumar S	The Complete C programming Course for Beginners	17.05.2021	Udemy
2.	18BEC043	Abarna Ambigapathy	C course	03.04.2021	Solo Learn
з.	18BEC060	Varuna B	Cybersecurity Essentials	01.07.2020 to 07.07.2021	Jet Academy
4.	19BEC045	Sathish Kumar S	Introduction to Cybersecurity Course	20.03.2021	Cisco Networking Academy
5.	19BEC029	Michkel Anglo J	Building AI Powered Chatbots without Programming	22.05.2021	Coursera
6.	19BEC029	Michkel Anglo J	Introduction to Artificial Intelligence(AI)	30.03.2021	Coursera
7.	19BEC029	Michkel Anglo J	Getting Started with AI using IBM watson	30.04.2021	Coursera
8.	18BEC104	Trissaan Shanmugam	AI for Everyone	01.12.2021	Coursera
9.	19BEC047	Shanmuga Lakshmi M	Introduction to Cloud Identity	31.05.2021	Coursera

Consolidated list of student's Online Certification

			Python for Data Science. AI and	24.06.2021	Coursera
10.	19BEC029	Michkel Anglo J			
			Development		
11.	19BEC044	Amsu Priya	Programming for everybody	21.12.2020(O)	Coursera
	18850104	Trissaan	Programming for everybody	08.04.2021	Coursera
12.		Shanmugam			
13.	19BEC100	A.B. Rithika	C++	02.06.2021	Sololearn
14.	19BEC044	Amsu Priya B	CSS course	15.12.2020(O)	Sololearn
15.	19BEC029	Michkel Anglo J	C Programming	08.06.2021	Guvi
16.	19BEC029	Michkel Anglo J	Python	07.06.2021	Guvi
ţ	10REC076	Criharan V	Python for Data Science, AI &	24.05.2021	Coursera
17.	~	Junatan V	Development		
	10050050	Mononachan C	Python for Data Science, AI &	20.05.2021	Coursera
18.	130EC032	Navallecular S	Development		
			Introduction to Intel Distribution of	28.05.2021	Coursera
19.	19BEC012	Gurusudhan V	OpenVino Toolkit for Computer Vision		
			Applications		
	10BECOAA	A ment Drive R	Basics of Database Design &	19.05.2021	Udemy
20.	5	a bitt t netter	Development		
č	18RFC104	Trissaan	Machine Learning for Everyone	20.05.2021	Datacamp
21.		Shanmugam			
22.	19BEC029	Michkel Anglo J	MySQL Basics	March 2021	Great Learning Academy
ĉ	19BEC036	Nivas Y	Python for Data Science, AI &	20.05.2021	Coursera
.02			Development		

24.	19BEC055	Pranoove K	Introduction to Cloud Identity	25.05.2021	Coursera
	10850010	D dtidod	Learn to Code in Pytho 3: Programming	16.05.2021	Coursera
25.	13DECU13		beginner to advanced		
26.	19BEC019	Rohith G	Introduction to packet tracer course	05.04.2021	Cisco Networking Academy
27.	19BEC019	Rohith G	Introduction to Cybersecurity Course	05.04.2021	Cisco Networking Academy
	1000000	Vorrio C	Python for Data Science, AI &	23.05.2021	Coursera
28.	IODECUOO	Navya S	Development		
29.	18BEC088	Kavya S	Programming for everybody	24.05.2021	Coursera
30.	18BEC078	Vignesh S	Programming in Java	Sep-Dec 2020(O)	NPTEL, IIT Kharagpur
31.	19BEC048	Kannan R	The Complete C programming Course for Beginners	27.05.2021	Udemy
32.	18BEC024	Ruban Rozario I	Data Science A-Z : Machine Learning with python & R	04.09.2020(O)	Udemy
33.	19BEC045	Sathish Kumar S	The Art of Doing: Master Networks and Network Scanning	01.07.2020(O)	Udemy
	10050050	Drodhaana G	Data Science A-Z : Machine Learning	03.09.2020(O)	Udemy
34.	IODECUJO		with python & R		
	10055003	Sri Rathan	Full Stack Programming for Complete	24.05.2021	Udemy
35.		Vignesh S	Beginners in Python		
	10BEC004	Thanneha N D	The Complete C programming Course	27.05.2021	Udemy
30.	1000-101		for Beginners		
	10BEC017	M Shanmuga	Javascript Fundamentals: A course for	20.05.2021	Udemy
31.	12DECOT1	Lakshmi	Absolute Beginners		
38.	19BEC018	Karthikeyan S	Full Stack Programming for Complete	25.05.2021	Udemy

			Beginners in Python		
	100550017	Unaith D	Full Stack Programming for Complete 24.05.2021	24.05.2021	Udemy
39.	1700001	Tragin D	Beginners in Python		

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Department of Electronics and Communication Engineering

S.No	Name of the Student	Roll No	Title of the Paper	Details
1	Abinaya R	17BEC020	Covid Patient Health Monitoring using Covid Assistance	DST sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAIEV 21) under funded SEED project from the Department of Electronics and Communication Engineering, Dr MCET on 23.04.2021
5.	Ramya S	17BEC104	Covid Patient Health Monitoring using Covid Assistance	DST sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAIEV 21) under funded SEED project from the Department of Electronics and Communication Engineering, Dr MCET on 23.04.2021
3.	Yashaswini C	19BEC015	Coconut Counter using Arduino	DST sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAIEV 21) under funded SEED project from the Department of Electronics and Communication Engineering, Dr MCET on 23.04.2021. Received 3 rd Prize.
4.	Bhavna N	19BEC090	Smart Water Bottle	DST sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAJEV 21) under funded SEED project from the Department of Electronics and Communication Engineering, Dr MCET on 23.04.2021.
5.	Nivethitha K S	17BEC012	IoT based Smart Retail System with social distancing for Covid-19 outbreak	DST sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAJEV 21) under funded SEED project from the Department of

Details of Conference/Journal Presentation

				Electronics and Communication Engineering Dr MCET
				LICCUOINCS and Communication Engineering, PI INCEL
				on 23.04.2021.
				DST sponsored National Virtual Conference on
			IoT based Smart Retail System	Advanced Informatics, Electronics and Vision (NCAIEV
6.	Preeti P	17BEC084	with social distancing for	21) under funded SEED project from the Department of
			Covid-19 outbreak	Electronics and Communication Engineering, Dr MCET
				on 23.04.2021.
				DST sponsored National Virtual Conference on
				Advanced Informatics, Electronics and Vision (NCAIEV
7.	Sandhiya S	19BEC024	Smart Water Bottle	21) under funded SEED project from the Department of
	k.			Electronics and Communication Engineering, Dr MCET
				on 23.04.2021.

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Department of Electronics and Communication Engineering

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Name of tl	Name of the Student	Roll No	Title of the Event	Details	Prize if Any
M.Sakthi		18BEC015	Hockey	Anna University zonal athletic meet for 2020-2021 held at Dr. MCET from 26.03.2021 to 27.03.2021	Runners
Nesamani.S		20BEC309	Cricket(Men)	Anna University zonal athletic meet for 2020-2021 held at Dr. MCET from 22.03.2021 to 26.03.2021	Winners
L.R. Ashok Lakshmanan	nanan	20BEC044	Kho-Kho	Anna University zonal athletic meet for 2020-2021 held at Dr. MCET from 26.03.2021 to 27.03.2021	Winners
S.Sivanesan		18BEC015	Hockey	Anna University zonal athletic meet for 2020-2021 held at Dr. MCET from 26.03.2021 to 27.03.2021	Runners
P.Boopathiraj	į	18BEC052	Hockey	Anna University zonal athletic meet for 2020-2021 held at Dr. MCET from 26.03.2021 to 27.03.2021	Runners

PLACEMENT DETAILS 2021-2022

S.No	Roll Number	Name	Students Mobile No	Email	Placed	
1	18BEC005	SUBHASHINI S	9080991165	subhashinisivabalannkl@gmail.com	VVDN	
2	18BEC011	SUBAPIRATHA R K	6383577723	subakrishnan2000.24@gmail.com	VVDN	
3	18BEC019	HAMIRDHAVALLE D V	7904637261	hamirdhavalle@gmail.com	VVDN	
4	18BEC025	SANGAVI M	9715423881	msangavi0906@gmail.com	VVDN	
5	18BEC031	ALLAN PRADEEP R	6369431938	allujosh22102000@gmail.com	VVDN	
6	18BEC037	KEERTHANA S	8682887513	keerthanashanmugam01@gmail.com	VVDN	
7	18BEC051	SHREERANJANI G	9488736791	shreeranjanignanasekaran@gmail.com	VVDN	
8	18BEC055	RANJITH S	9843667231	sranjith2210@gmail.com	VVDN	
9	18BEC061	VIMAL RAJ R	8072981143	rsvrdfamily@gmail.com	VVDN	
10	18BEC085	NIVEDHA S P	6383185032	nivedhapushparaj25@gmail.com	VVDN	
11	18BEC089	MANOJ K	8838293596	manojkirubasankar@gmail.com	VVDN	
12	18BEC095	ARUN PANDEESWARAN RV	6383254419	arunpandi210301@gmail.com	VVDN	
13	18BEC101	AADITHYA D	7904157697	aadithyapreethi@gmail.com	VVDN	
14	19BEC321	HARI HARAN D	7708880176	hariharand8@gmail.com	VVDN	
15	18BEC002	SILVAS MELSHIA L K	8248086147	melshialk@gmail.com	VVDN	
16	18BEC010	SRIDHARAN L	9600790840	srilsd123@gmail.com	VVDN	
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