Velammal College of Engineering and Technology

Department of Computer Science and Engineering

CSE CHRONICLES

Learn Today ... Lead Tomorrow...

VISION

To become a Center of Excellence in the field of Computer Science and Engineering upholding social values

MISSION

- Heightening the knowledge of the faculty in recent trends through continuous development programmes.
- Transforming the students into globally competent and technically well-equipped computer Professionals with strong theoretical and practical knowledge.
- Cultivating the spirit of social and ethical values for the cause of development of our Nation.

CHIEF ADVISOR:

DR.P.Alli,M.S.,Ph.D.,
DEAN-PLANNING AND DEVELOPMENT,
Professor & Head, Department of CSE

Welcome to the department of Computer science and Engineering "The function of education is to teach one to think intensively and think critically. Intelligence plus character – that is the goal of true education."–Martin Luther King, Jr.

The Department of Computer science and Engineering is a center of excellence for computer science teaching and research. It was established in 2007 and it started with 60 students and 4 faculty members. Now it has grown to 477 students and 26 faculty members. The department offers both Under Graduate and Post Graduate courses in CSE. The department has a well-equipped computer lab with centralized monitoring facility and it is an approved Research Centre of Anna University, Chennai. The Department has signed MoUs with CISCO, TYCO Electronics, and Pearson VUE authorized testing center and has received funds from DST, DRDO, MNRE, ISRO, and IEI worthy of Rs.111.96 Lakhs for R&D work.

The Department with qualified, experienced, and dedicated faculty strength of Professors and Assistant Professors sufficiently caters to its requisite teaching and research requirements. Its curriculum covers all areas of Computer Science and Engineering in the streams such as Hardware and System Programming, Application Development, Networking, and Distributed computing, Data Engineering and Data Analytics and Software Engineering."

EDITORIALCHIEF:

Dr.T.GraceShalini,M.E.,M.B.A,Ph.D,
Assistant Professor

EDITORS TEAM

S.Reshma
20CSE081

Editor is like air. you can't see her until her edit turns into a storm

R.Janani
20CSE073

Beauty is in the eye of the photoshop editor

S.Sakthi Aishwarya
20CSE082

There is no credit without an edit

R.Reethika
20CSE080

I wish you people would able to read the poetry from front-back

Editing fiction is like using your fingers to untangle the true essence of the content.

K.Murugan

20CSE110

The opulence of a perfect edit reflect the editor

S.Preetha

20CSE079

The process of editing is what I enjoy most

S.Rohan Karthikeyan
20CSE114

Table Of

Contents
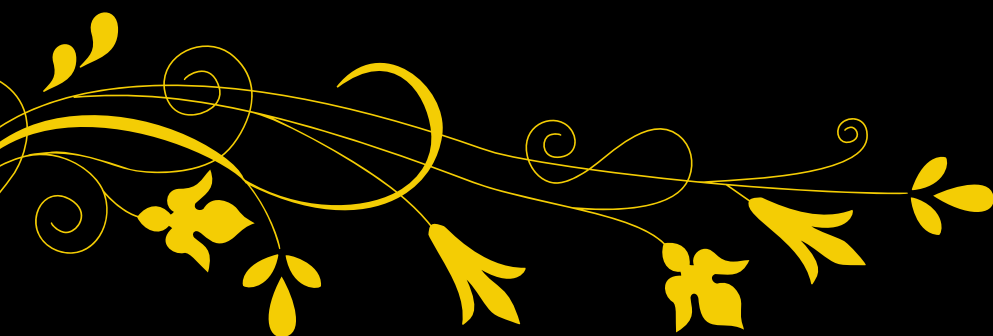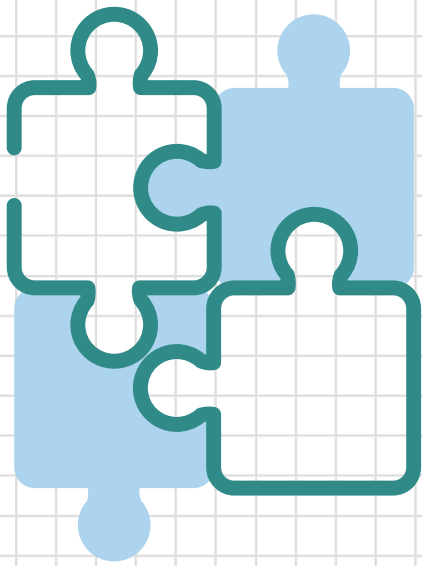
"Creativity doesn't wait for that perfect moment. It fashions its own perfect moments out of ordinary ones."

— Bruce Garrabrandt
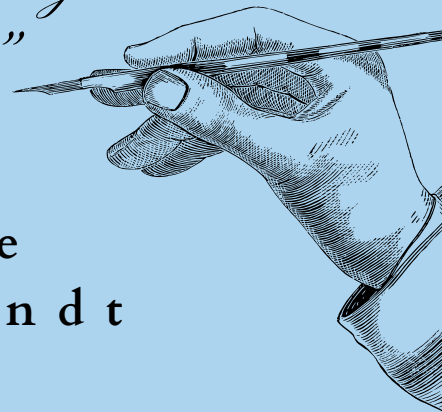
C. Pradeesha
I - Year
CSE - B

Accurate reportability of something perceived or known is widely used as a behavioral index of conscious awareness.

D.Jhansi
I-year
CSE-B

A TRUTH THAT'S TOLD WITH BAD INTENT BEATS ALL THE LIES YOU CAN INVENT.
IT IS RIGHT IT SHOULD BE SO; MAN WAS MADE FOR JOY AND WOE; AND WHENTHIS WE RIGHTLY KNOW THRO' THE WORLD WE SAFELY GO.

EVERY NIGHT AND EVERY MORN SOME TO MISERY ARE BORN. EVERY MORN AND EVERY NIGHT SOME ARE BORN TO SWEET DELIGHT. SOME ARE BORN TO SWEET DELIGHT, SOME ARE BORN TO ENDLESS NIGHT.

To see a world in a grain of sand
And
heaven in a wildflower,
Hold infinity in the palm of your hand
And
eternity in an hour.

2
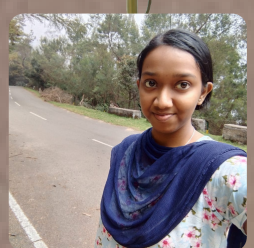
Who are You?

SMART PEOPLE TEND TO HAVE FEWER MATES THAN THE AVERAGE PERSON. THE SMARTER THE INDIVIDUAL, THE MORE SELECTIVE THEY BECOME.

HEARING A SINGLE NEGATIVE THING COULD DAMAGE AT LEAST FIVE POSITIVE MEMORIES.

No Pain! No Gain!!

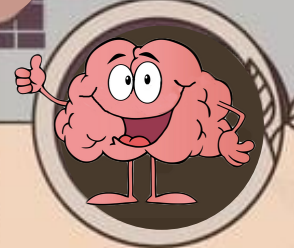SHY PEOPLE TELL OTHERS VERY LITTLE ABOUT THEMSELVES, BUT THEY DO IT IN QUITE A MANNER THAT MAKES OTHER INDIVIDUALS BELIEVE THEY KNOW THEM BETTER THAN THEY ACTUALLY THINK THEY DO.

What's Stopping you?

Prove them Wrong!

THE STUDY OF MIND..

THE TERM 'PSYCHOLOGY' HAS BEEN DERIVED FROM THE GREEK WORD 'PSYCHE' TRANSLATING AS 'BREATH, SPIRIT, SOUL' AND 'LOGIA' THAT CORRESPONDS TO 'STUDY OF'.

PHYSICALLY, REPETITION AFFECTS THE BRAIN AS NEW ASSOCIATIONS ARE MADE BETWEEN BRAIN CELLS.

Thougths could leave deeper scars than anything else

INDIVIDUALS WHO HAVE A DEEP SENSE OF GUILT ARE BETTER AT IDENTIFYING THE EMOTIONS AND CONCERNS OF THE PEOPLE AROUND THEM.
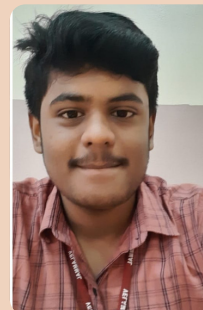
Self Acceptance is truly a heroic act

STUDIES SAY THAT INDIVIDUALS WHO COULD INSTINCTIVELY USE SARCASM TO TACKLE A FRIVOLOUS QUESTION HAVE HEALTHY MINDS.

Brain is wider than a sky

P.Jeyaraman
CSE-A
II-Year

3

"Life doesn't make any sense without interdependence

பரதநாட்டியம்

தென் இந்தியாவிற்குரிய பாரம்பரிய நடன வகைகளில் ஒன்று பரதம். இந்தியாவின் செவ்விய ஆடல் வகைகளில் ஒன்று பரதம் பரதநாட்டியம் ஒரு மிகப் பழமையான நாட்டிய வடிவம். புராணவியல் ரீதியாக இது பரத முனிவரால் உருவாக்கப்பட்டது என்றும் அதனாலேயே , அதற்கு பரதம் என்று பெயர் வந்தது என்றும அறியப்படுகிறது.

நாட்டிய சாஸ்திரம்: பரதமாமுனிவர் எழுதிய நூலுக்கு நாட்டிய சாஸ்திரம் என்று பெயர். இந்நூலில் பரதர் நாட்டியத்தைப்பற்றி மட்டும் கூறவில்லை. அரங்கம் அமைத்தல், இசை, இசைக்கருவிகள், அவற்றை வாசிக்கும் மரபுகள், சொல், கவிதை, கவிதையின் தன்மை, பல்வேறு சுவைகள், ஆடை அணிகலன்கள்,முதலியவற்றையும் நாட்டியத்தில் பயன்படுத்தும் கரணங்கள், கால்சாரிகள், ஹஸ்தங்கள், உடல் வளைவுகள், அசைவுகள், கழுத்து அசைவுகள், முதலிய அனைத்தையும் விவரித்து அவற்றிற்கு இலக்கணம் வகுத்துள்ளதும் இந்நூலேயாகும்.பரதம் என்ற சொல் ,ப - பாவம் ;ர - ராகம் ;த - தாளம் என்ற மூன்றாயும் குறிக்கும் .பாரத நாட்டியத்திற்கு கூத்து ,ஆடல் ,நாட்டியம் ,சதிர் ,சின்னமேளம் ,தாசி ஆட்டம் என்று பல பெயர்கள் உண்டு .உடல் அசைவுகளும் கை முத்திரைகளையும் சேர்த்து 'அடவு 'என்று அழைக்கப்படுகிறது .பல அடவுகள் சேர்ந்தது 'ஜதி 'எனப்படும் .சுமார் 120 அடவுகள் உள்ளன .

கை அசைவுகளை பரத நாட்டியத்தில் (சமஸ்கிருதத்தில்) ஹஸ்தம் என சிறப்பாக அழைப்பர் கை என்பதன் சமஸ்கிருத சொல்லே ஹஸ்தம் எனப்படுகிறது.சைவ சமயத்தவர்களின் முழுமுதற்கடவுளான சிவன் கூட ,நடராஜர் வடிவத்தில் இந்த நடனத்தை ஆடியபடி சித்தரிக்கப்படுவது குறிப்பிடத்தக்கது .சிவபெருமான் ஆடும் நடனம் 'தாண்டவம் ' என்று சொல்லப்படுகிறது .

மகிழ்ச்சியின் உச்சத்தில் அவர் ஆடும் நடனம் 'ஆனந்த தாண்டவம்' என்றும், அழிக்கும் கடவுளாக அவர் ஆடும் நடனம் 'ருத்ர தாண்டவம்' என்றும் அழைக்கப்படுகிறது. மென்மையான அசைவுகள் மற்றும் பதங்களுடன் பார்வதி ஆடும் நடனம் 'லாஸ்யா' என்று அழைக்கப்படுகிறது.

பரத நாட்டியம் பயிற்றுவிப்பதில் பல்வேறு பாணிகள் உள்ளன. அவற்றில் சில, 'பந்தநல்லூர் பாணி', 'வழுவூர் பாணி', 'தஞ்சாவூர் பாணி', 'மைசூர் பாணி', 'காஞ்சிபுரம் பாணி' ஆகியவை ஆகும். பரத நாட்டியக் கலை மூன்று ஆடல் முறைகளைக் கொண்டது.

அவை:
1.நிருத்தம்
2.நிருத்தியம்
3.நாட்டியம்
ஆகியவையாகும்.

இந்தியாவில் பலரும் இந்த நடனத்தை கற்றுக்கொள்கின்றனர் வெளிநாடுகளிலும் கூட கற்றுக்கொள்கின்றனர்.

ஆகவே பரதம் மிகப் பழமை வாய்ந்தது என்றும் பல பெருமை வாய்ந்தது என்றும் அறியமுடிகிறது .பண்ணியல்பாக பத்திமையாலே பாடியும் ஆடியும் பயிலவல்லோர்கள் விண்ணவர் விமானம் கொடுவர ஏறி வியனுலகாண்டு வீற்றிருப்பவரே -சம்பந்தர்

பாண்டிமீனா .R
CSE-B
II-Year

5

Elon Musk

ELON MUSK WAS BORN JUNE 28, 1971, IN SOUTH AFRICA, SOUTH AFRICAN-BORN AMERICAN ENTREPRENEUR WHO COFOUNDED THE ALL OF ELECTRONIC-PAYMENT FIRM PAYPAL AND FORMED SPACEX, MAKER OF LAUNCH VEHICLES AND SPACECRAFT. HE WAS ALSO ONE OF THE FIRST SIGNIFICANT INVESTORS IN, AS WELL AS CHIEF EXECUTIVE OFFICER OF, THE ELECTRIC CAR MANUFACTURER TESLA.

MUSK WAS BORN TO A SOUTH AFRICAN FATHER AND A CANADIAN MOTHER. HE DISPLAYED AN EARLY TALENT FOR COMPUTERS AND ENTREPRENEURSHIP. AT AGE 12 HE CREATED A VIDEO GAME AND SOLD IT TO A COMPUTER MAGAZINE. IN 1988, AFTER OBTAINING A CANADIAN PASSPORT, MUSK LEFT SOUTH AFRICA BECAUSE HE WAS UNWILLING TO SUPPORT APARTHEID THROUGH COMPULSORY MILITARY SERVICE AND BECAUSE HE SOUGHT THE GREATER ECONOMIC OPPORTUNITIES AVAILABLE IN THE UNITED STATES.

MUSK ATTENDED QUEEN'S UNIVERSITY IN KINGSTON, ONTARIO, AND IN 1992 HE TRANSFERRED TO THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, WHERE HE RECEIVED BACHELOR'S DEGREES IN PHYSICS AND ECONOMICS IN 1997. HE ENROLLED IN GRADUATE SCHOOL IN PHYSICS AT STANFORD UNIVERSITY IN CALIFORNIA, BUT HE LEFT AFTER ONLY TWO DAYS BECAUSE HE FELT THAT THE INTERNET HAD MUCH MORE POTENTIAL TO CHANGE SOCIETY THAN WORK IN PHYSICS. IN 1995 HE FOUNDED ZIP2, A COMPANY THAT PROVIDED MAPS AND BUSINESS DIRECTORIES TO ONLINE NEWSPAPERS. IN 1999 ZIP2 WAS BOUGHT BY THE COMPUTER MANUFACTURER COMPAQ FOR $307 MILLION, AND MUSK THEN FOUNDED AN ONLINE FINANCIAL SERVICES COMPANY, X.COM, WHICH LATER BECAME PAYPAL, WHICH SPECIALIZED IN TRANSFERRING MONEY ONLINE. THE ONLINE AUCTION EBAY BOUGHT PAYPAL IN 2002 FOR $1.5 BILLION. ITS FIRST TWO ROCKETS WERE THE FALCON 1 (FIRST LAUNCHED IN 2006) AND THE LARGER FALCON 9 (FIRST LAUNCHED IN 2010), WHICH WERE DESIGNED TO COST MUCH LESS THAN COMPETING ROCKETS. A THIRD ROCKET, THE FALCON HEAVY (FIRST LAUNCHED IN 2018), WAS DESIGNED TO CARRY 117,000 POUNDS (53,000 KG) TO ORBIT, NEARLY TWICE AS MUCH AS ITS LARGEST COMPETITOR, THE BOEING COMPANY'S DELTA IV HEAVY, FOR ONE-THIRD THE COST. SPACEX HAS ANNOUNCED THE SUCCESSOR TO THE FALCON 9 AND THE FALCON HEAVY: THE SUPER HEAVY–STARSHIP SYSTEM. THE SUPER HEAVY FIRST STAGE WOULD BE CAPABLE OF LIFTING 100,000 KG (220,000 POUNDS) TO LOW EARTH ORBIT. THE PAYLOAD WOULD BE THE STARSHIP, A SPACECRAFT DESIGNED FOR PROVIDING FAST TRANSPORTATION BETWEEN CITIES ON EARTH AND BUILDING BASES ON THE MOON AND MARS. SPACEX ALSO DEVELOPED THE DRAGON SPACECRAFT, WHICH CARRIES SUPPLIES TO THE INTERNATIONAL SPACE STATION (ISS). DRAGON CAN CARRY AS MANY AS SEVEN ASTRONAUTS, AND IT HAD A CREWED FLIGHT CARRYING ASTRONAUTS DOUG HURLEY AND ROBERT BEHNKEN TO THE ISS IN 2020. MUSK SOUGHT TO REDUCE THE EXPENSE OF SPACEFLIGHT BY DEVELOPING A FULLY REUSABLE ROCKET THAT COULD LIFT OFF AND RETURN TO THE PAD IT LAUNCHED FROM. BEGINNING IN 2012, SPACEX'S GRASSHOPPER ROCKET MADE SEVERAL SHORT FLIGHTS TO TEST SUCH TECHNOLOGY.

IN ADDITION TO BEING CEO OF SPACEX, MUSK WAS ALSO CHIEF DESIGNER IN BUILDING THE FALCON ROCKETS, DRAGON, AND GRASSHOPPERMUSK HAD LONG BEEN INTERESTED IN THE POSSIBILITIES OF ELECTRIC CARS, AND IN 2004 HE BECAME ONE OF THE MAJOR FUNDERS OF TESLA MOTORS (LATER RENAMED TESLA), AN ELECTRIC CAR COMPANY FOUNDED BY ENTREPRENEURS MARTIN EBERHARD AND MARC TARPENNING. IN 2006 INTRODUCED ITS FIRST CAR, THE ROADSTER, WHICH COULD TRAVEL 245 MILES (394 KM) ON A SINGLE CHARGE. UNLIKE MOST PREVIOUS ELECTRIC VEHICLES, WHICH MUSK THOUGHT WERE STODGY AND UNINTERESTING, T WAS A SPORTS CAR THAT COULD GO FROM 0 TO 60 MILES (97 KM) PER HOUR IN LESS THAN FOUR SECONDS. IN 2010 THE COMPANY'S INITIAL PUBLIC OFFERING RAISED ABOUT $226 MILLION. TWO YEARS LATER TESLA INTRODUCED THE MODEL IN THE CITY SEDAN, WHICH WAS ACCLAIMED BY AUTOMOTIVE CRITICS FOR ITS PERFORMANCE AND DESIGN. THE C OMPANY WON THEFURTHER PRAISE FOR ITS MODEL X THE MOST LUXURY SUV, WHICH WENT ON THE MARKET IN 2015. THE MODEL 3, A LESS-EXPENSIVE VEHICLE, WENT I NTO PRODUCTION IN 2017.ELON MUSK EXPRESSED RESERVATIONS ABOUT TESLA BEING PUBLICLY TRADED, AND IN AUGUST 2018 HE MADE A SERIES OF TWEETS ABOUT TAKING THE COMPANY PRIVATE, NOTING THAT HE HAD "SECURED FUNDING.THE FOLLOWING MONTH THE U.S. SECURITIES AND EXCHANGE COMMISSION (SEC) SUED MUSK FOR SECURITIES FRAUD, ALLEGING THAT THE TWEETS WERE "FALSE AND MISLEADING." SHORTLY THEREAFTER TESLA'S BOARD REJECTED THE SEC'S PROPOSED SETTLEMENT, REPORTEDLY BECAUSE MUSK HAD THREATENED TO RESIGN. HOWEVER, THE NEWS SENT TESLA STOCK PLUMMETING, AND A HARSHER DEAL WAS ULTIMATELY ACCEPTED. ITS TERMS INCLUDED MUSK STEPPING DOWN AS CHAIRMAN FOR THREE YEARS, THOUGH HE WAS ALLOWED TO CONTINUE AS CEO.

DISSATISFIED WITH THE PROJECTED COST ($68 BILLION) OF A HIGH-SPEED RAIL SYSTEM IN CALIFORNIA, MUSK IN 2013 PROPOSED AN ALTERNATE FASTER SYSTEM, THE HYPERLOOP, A PNEUMATIC TUBE IN WHICH A POD CARRYING 28 PASSENGERS WOULD TRAVEL THE 350 MILES (560 KM) BETWEEN LOS ANGELES AND SAN FRANCISCO IN 35 MINUTES AT A TOP SPEED OF 760 MILES (1,220 KM) PER HOUR, NEARLY THE SPEED OF SOUND. MUSK CLAIMED THAT THE HYPERLOOP WOULD COST ONLY $6 BILLION AND THAT, WITH THE PODS DEPARTING EVERY TWO MINUTES ON AVERAGE, THE SYSTEM COULD ACCOMMODATE THE SIX MILLION PEOPLE WHO TRAVEL THAT ROUTE EVERY YEAR. HOWEVER, HE STATED THAT, BETWEEN RUNNING SPACEX AND TESLA, HE COULD NOT DEVOTE TIME TO THE HYPERLOOP'S DEVELOPMENT.

Aathisheshan.A.K
CSE-B
II-Year

Plant your own garden and decorate your own soul instead of waiting for someone to bring you flowers.
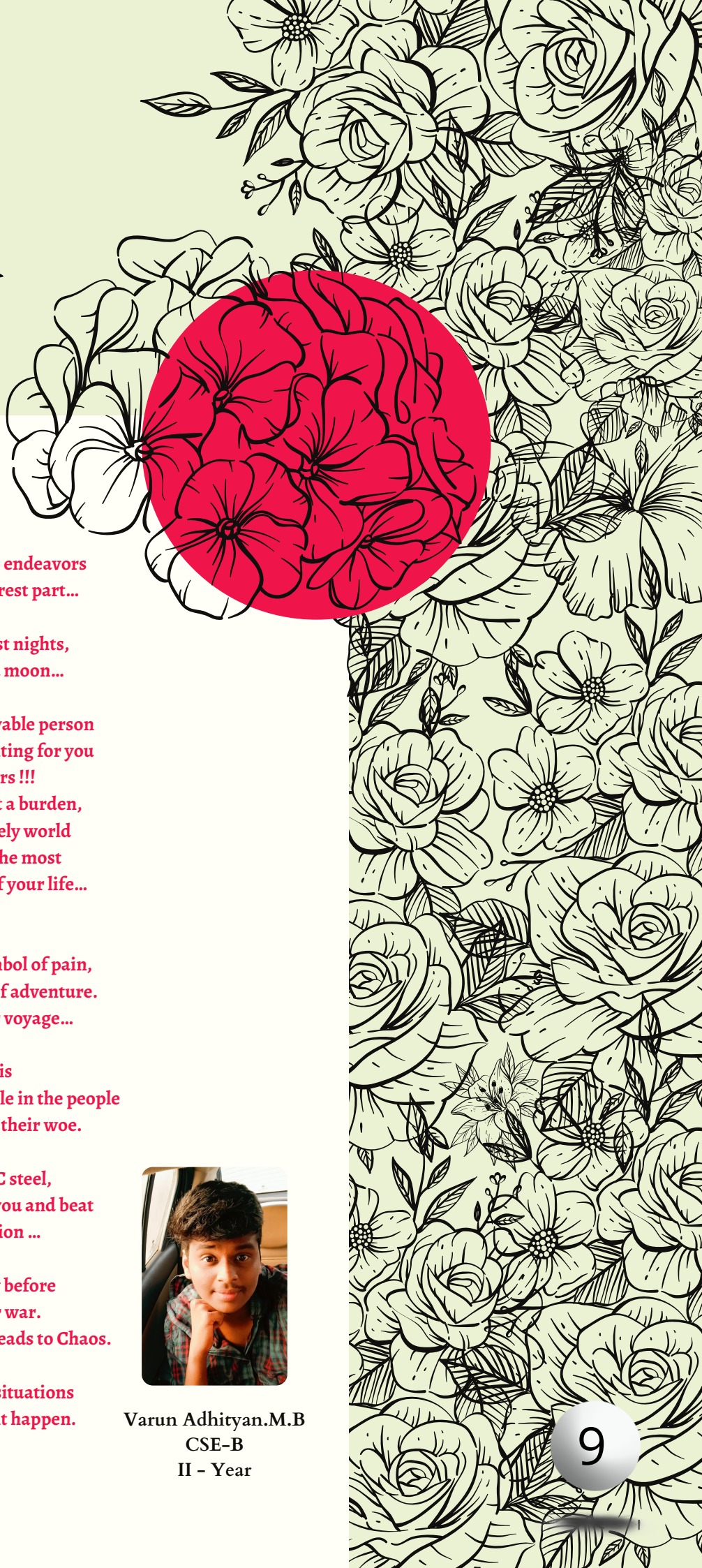
The sweetness of life endeavors
Only after the bitterest part...

Even in the darkest nights,
Be your stars and moon...

The most caring & lovable person
Of your life is just waiting for you
In your mirrors !!!
Feeling lonely is not a burden,
In the vast and lonely world
You can explore the most
mysterious Jungle of your life...
=> YOU!!

Scars are not the symbol of pain,
They are the symbol of adventure.
So never stop your voyage...

Happiness is
when you see a wide smile in the people
who wanted you in their woe.

Always be a 440C steel,
Let this world shape you and beat
You to perfection ...

Know your army before
Choosing your war.
Cause overestimation leads to Chaos.

Never blame your situations
It was you who let it happen.

Varun Adhityan.M.B
CSE-B
II – Year

CODE RED FOR HUMANITY

From the devastating wildfire season in California to the eruption of the la Palma volcano in Spain,the climate change impacts were felt in every corner of the world in 2021. The United Nations climate panel warns that a hotter future is about to come that will lead to increased summers and decreased winters.

The amount of CO2 in the atmosphere is hitting so fast that the effect of lockdowns on the concentrations of CO2 in the atmosphere was so small that it registers as a"blip" that is hard -ly distinguishable from the year-to-year fluctuations of the carbon cycle. but Despite all the agree -ments to step up, the world is still on track to heat up to danger -ous levels. 2020 has brought a disastrous climate change that in Europe, it has recorded the hottest year ever and that in Siberia, the sea ice melts in large amounts as it reported the hottest temp -erature in the Arctic.

Shockingly, researchers say that the global temperature will increase by about 1.5 degrees in celsius in the next decades. Here are some important steps that Govern -ment should take utmost care of: A drastic reduction in fossil fuel and the natural gas usage, increase in the growth of low carbon energy sources like solar, wind, hydro, nuclear and biomass,

"
I don't want you to be hopeful. I want you to panic. I want you to feel the fear I feel everyday. I want you to act. I want you to act like you would in a crisis. I want you to act like your house is on fire, because it is."
– Greta Thunberg

decreased consumption of meat, eggs, seafood and dairy products, expansion of forests and agricultural fields, electrification of passenger vehicles, reducing emissions of industrial processes, decrease in the energy consumption of home appliances.

Although it is troublesome for Governments over the world to enforce these actions, a small initiative must be taken from our side to reduce global warming. Try putting non-degradable wastes in the dustbin, planting and watering more trees, participating in Go-Green activities, walking in the short distances instead of riding the fueled vehicles, ,limiting the use of plastics.

Stopping climate change is not easy. But if we work together, our micro efforts will have a macro effect on our environment. 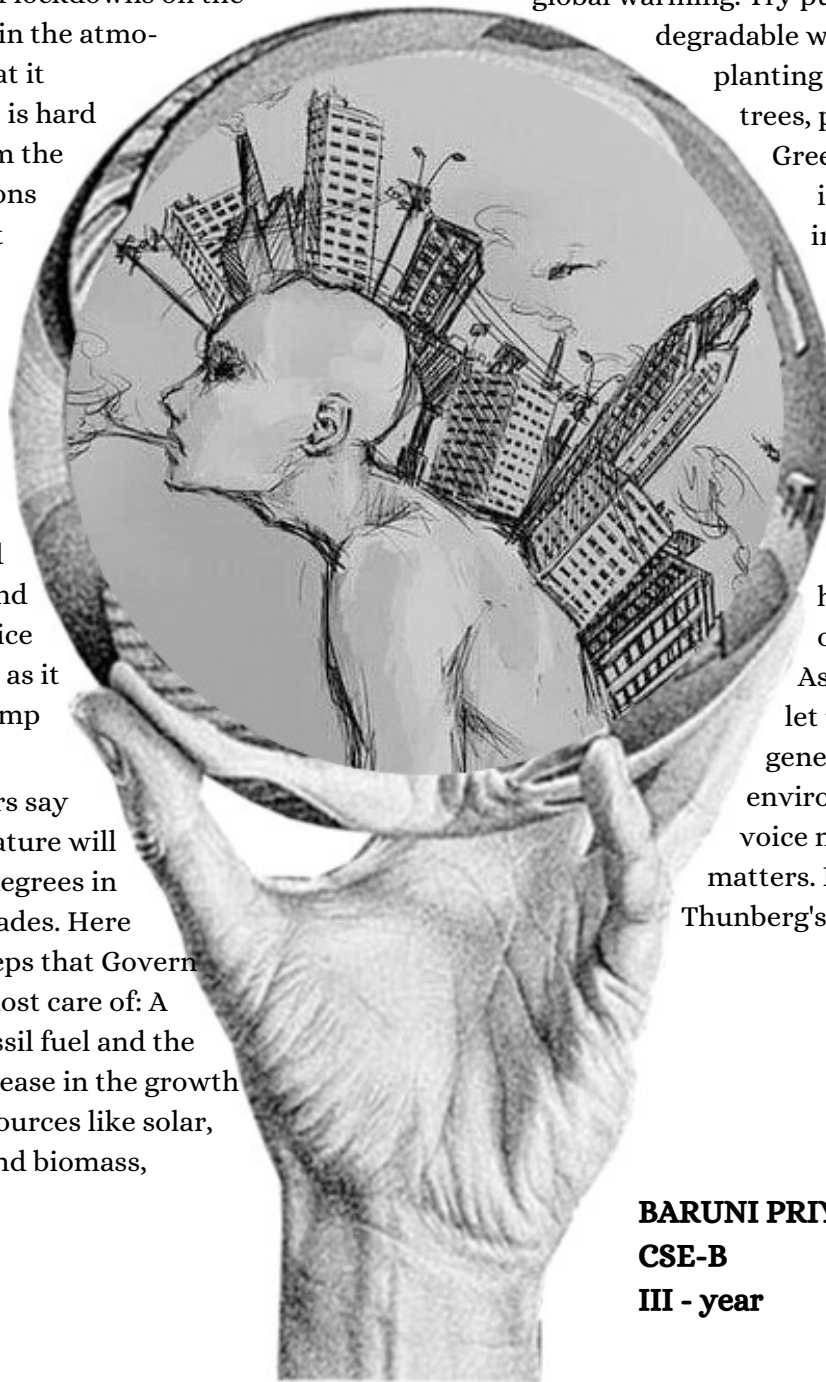As a young generation, let us help the future generation in shaping our environment. Our voice matters and our life matters. Let not Greta Thunberg's efforts be failed!

BARUNI PRIYA T S
CSE-B
III - year

84

S.SHARMILA

CSE-B

THIRD YEAR

Art is unquestionably one of the purest and highest elements in human happiness. It

Art is never finished, only abandoned.

84

S.SHARMILA

"The world doesn't make sense, so why should I paint pictures that do?"

Pablo Picasso

Art is a line around your thoughts.

85

SHRIMEENATCHI.K

Art offers a sanctuary to everyone willing to open their hearts as well as their eyes

CSE-B

THIRD YEAR

A true masterpiece does not tell every- thing.

85

SHRIMEENATCHI.K

"Art enables us to find ourselves and lose ourselves at the same time."

CSE-B

THIRD YEAR

Every artist was first an amateur.

11

மழைக்காலம் !!!

மழையே உன்வருகைக்கு நானும்
காத்திருந்தேன் விவசாயிபோல்
மண்ணின் வளம் செழிக்கப்போகிறது என்று
எண்ணி
ஆனால் மனிதவளம் சிதையபோகிறது என்று
எண்ணவில்லை
ஆறுகள் கடலோடு கலப்பது போதாது என்று
அடைமழையும் கடலில் கலக்க ஆசைகொள்வது
ஏன்?
மணம் கமழும் புனிதநீர் ஓடிய ஆற்றுகளில்
கழிவுநீர் ஓட சினம் கொண்டு வந்தாயா !!!
செலவு போக வரவை அணைகட்டி சேமித்தோம்
அணையும் உடைத்து வரவையும் எடுத்து
வறுமைக்குள்ளாக்கினாயே
குளத்திலிருந்து வெளியேறிய மீன் தரையில்
தத்தளிப்பதுபோல்
மனிதர்கள் இன்று தண்ணிரில் தத்தளிக்க
காரணம்....
மாதங்களுக்கு இருமுறை மட்டும் வந்த நீ.......
இருமாதங்கள் கழித்தும் போகாத காரணம்

என்னவோ?
வீதியில் விளையாடியது போதும் என்று எங்கள்
வீட்டிற்குள்ளும் விளையாட வந்தாயோ!!!!

-ஹரி M.

நாடு

பாரெங்கும் காண நாடு எங்கள்
பாரதி போற்றும் புதுநெறிகொண்ட நாடு

பலநூறு மொழிகள் பேசும் நாடு
பண்பாடும் ஒற்றுமையும் கற்பிக்கும் தாய்வீடு

எங்கள் குருதியால் எழுப்பிய தேசமே
என்றும் எம்மக்களே அதை ஆளுமே

வெள்ளையர் ஆண்ட காலம் எங்கே
வெளுத்து ஆற்றுநீரில் போனது அங்கே

அறநெறி தவறா வழியில் செல்லும்
அந்நாட்டிற்கு இணையில்லை காலம் சொல்லும்

-ஹரி.M

CHAIRMAN'S
MESSAGE

"Every young Indian of this great country should dream big". It is not enough if they only dream but they should work hard to make it real. We, at Velammal College of Engineering and Technology, Madurai, provide the necessary platform to many aspiring youths of this region to become very enterprising Engineers, so that they could provide the right kind of engineering solutions to propel our nation to greater heights. We sincerely believe in imparting quality engineering education laced with deep social values to ensure that every individual who is graduated from our Institution not only becomes Engineer but a also competent a very responsible citizen.

It is high time that we should get away from the age old practice of "standardised testing" to "creative learning". It has been our earnest endeavour to produce such Engineers who could offer very creative solutions. Life will not provide any warranties and guarantees; it provides only possibilities and opportunities. We want all our budding Engineers to remember this and make the best use of their college life. We are on an incredible journey and we expect every Velammalian to "do the right thing, at the right time, in the right way and for the right reason." Come on young vibrants! Join in our exhilarating journey towards growth and success!

SHRI. M. V. MUTHURAMALINGAM, CHAIRMAN

வெற்றி என்பது புத்திசாலியின் சொத்தல்ல
அது முன்னேற துடிக்கும் உழைப்பாளியின் சொத்தாகும்
மனிதன்
உணவின்றி 40 நாட்களும்,
நீரின்றி 3 நாட்களும்,
காற்றின்றி 3 நிமிடமும் உயிர் வாழலாம்
ஆனால் நம்பிக்கையின்றி 3 நொடி கூட வாழ இயலாது
எட்டிவிடும் தூரத்தில் வெற்றியும் இல்லை
அதை விட்டுவிடும் எண்ணத்தில் நானும் இல்லை
என்ற கூற்றுக்கு எடுத்துக்காட்டாக வாழ்கின்றவர்
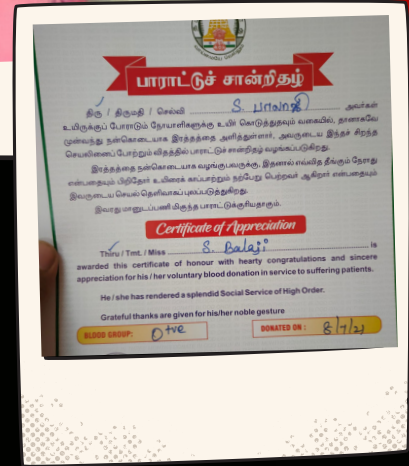நமது சேர்மன் திரு M.V. முத்துராமலிங்கம் அவர்கள்..!

தர்ஷினி T.S.B
CSE-B
IV - YEAR

EVERY PINT OF
BLOOD CAN
SAVE UP TO
THREE LIFES.
AND ALL IT
TAKES FOR US
TO GENERATED
BACK THE LOST
BLOOD IS FEW
DAYS. BLOOD IS
THE RED LIFE
SOURCES RUN-
NING THOUGH
OUR VEINS. IT
KEEP US ALIVE,
AND A LITTLE
BIT OF IT CAN
SAVE MANY
LIFE.
SO
DONATE
BLOOD
TODAY

AND MAKE FEW HEARTS, BEAT AGAIN!

My first Experience...

I donated my blood at my age of 17 in a blood camp held near Teppakulam for the first time. My senior friend approached me whether i could donate blood or not? and suddenly I said yes as I loved involving me in any such of these service activities. First of all they advised me to eat heavy breakfast. As I went there, I was asked to take up several health checkups like my height, weight and which blood group I belong to? After all those check ups, I went inside the mobile medical van. I was little bit scared when I saw the injection, but after that process I didn't feel any pain and I felt comfortable. I felt really proud that I had saved a person's life by giving blood. And this became a habit of mine of giving blood whenever required.

-Balaji. S CSE-B II-YEAR

RULES FOR DONATING BLOOD

There are some rules and conditions for donating blood :
- *The donor must be greater than the age of 18*
- *Weight must be minimum 50kgs.*
- *The donor must have food before 2 hours of donation.*
- *Donor must be physically fit .*
- *Age requirement ,time interval of food consumption is compulsory .*
- *We must strictly abide by these rules at the time of blood donation.*

All the citizens are hereby request to donate blood to the organization , for saving a life. And we hope that service to save a life in this manner keeps going after every 6 months.

Blood Donors Are Life Savers
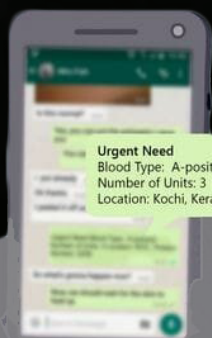
Our honourable institution has taken various initiatives to increase the well being of unknown. Out of all we think that this is most outstanding because ,it included students to participate to save lives. At the same time, it will also bring awareness to them.

We really appreciate the efforts taken by the blood donor club chief and members.

We assure you that we the cse department will always give our atmost support.

A drop of blood can save a life! Don't waste it and donate blood.

VCET BLOOD DONORS GROUP

17

3IDIOTS

An Innovative competition "3 IDIOTS" was conducted by the ISTE in November, with the motive of not just developing an idea but also implementing and selling them. The basic rules were, A team of three members of different departments can participate under mentor guidance. Each project should contain the details and the scope of the project's relevance to society. Many students have participated and the final day arrived. Everyone in the college was excited to know who were all the winning teams and whose project is going to be sold to the college which is a big privilege for any aspiring student and they revealed it is none other than Asmitha B.G and Deepthitha. K.S of fourth year has secured Second Prize for the project "VIRTUAL QUEUEING SYSTEM FOR PUBLIC DISTRIBUTION SYSTEM" under the guidance of Dr.R.Deepalakshmi M.E., Ph.D., Professor.
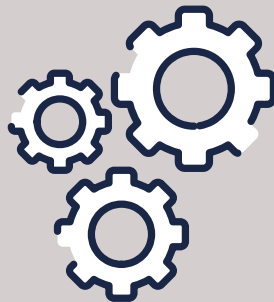
Team Members:
    Asmitha B G
    Deebthitha K S
    IV-Year
    Computer Science and Engineering

Guide:
    Dr.R.Deepalakshmi M.E., Ph.D.,
    Professor,

"VIRTUAL QUEUEING SYSTEM FOR PUBLIC DISTRIBUTION SYSTEM"

Their project is about ...
In today's busy world, time and efforts had become most valuable thing for people, In the existing Public Distribution System, works which include product distribution, ration card entry, product weighing, and product delivery are done manually by the peoples of PDS (Public Distribution System) and this makes people to wait in long queues for long time which are becoming a major real-world problem. Additionally, Covid19 has also become a main reason for people to avoid queues. At times there are chances of unavailability of stock and people are asked to come again to get delivered. This module allows Consumers to register their details and attach photo of ration card and then can login with their registered ration id and password, place order in order page and collect date and time of collection, token number and OTP, also PDS Shop peoples can also view stock and allot date and time of collection.

This application can be used in a Public distribution system to reduce processing work load. This project's main idea is to develop an online centralized application connected to database which will maintain stock and ration holder details. This Virtual queueing system for public distribution system will reduce paperwork and maintain record in a more efficient & systematic way. This module will also reduce long queues as it allots date and time as per token numbers, making it efficient and improve the current system of PDS with virtual queuing system.

18

NOVA EXAMS

Srekaravarshan.N.K of II-Year Cse-b has secured Third place for his project NOVA EXAMS under the guidance of Mrs. Grace Shalini M.E.,M.B.A, Assistant Professor. Their project is all about creating an application for school students to attend the exam on various platforms such as IOS, Android, and Web applications. The main purpose is to streamline the process of sharing files between teachers and students.

Teachers can post the study materials and also conduct exams. Using the materials students can prepare and attend their exams. After the end of the test, the form will be submitted and evaluated. The question and answer can be text or pictures or audio or videos. After the completion of Exams, Student's performance statistical analysis can be done by the teacher.
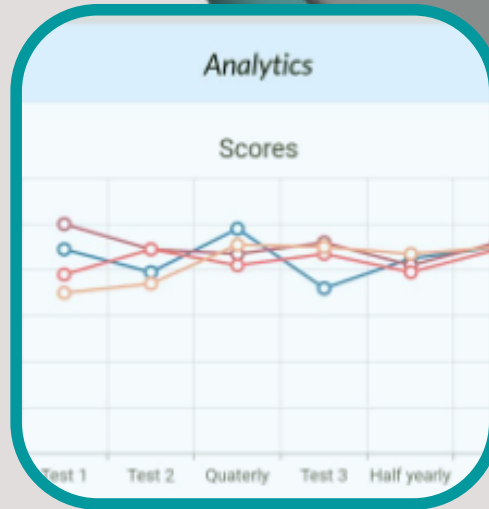
Srekaravarshan.N.K
II-Year
CSE-B

guide:
Mrs. Grace Shalini
M.E.,M.B.A, Assistant Professor
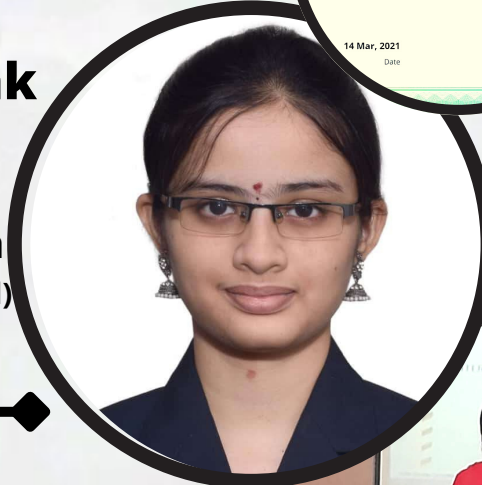
TOP SPORTS MOMENTS

Throw ball (Girls)

Sonal.L.R
kamalika.p
Nishandhi.V
Divya Sri.N
of III- year CSE-B

Preetha.S
Reshma.S
Anuradha.G
Dheeksha.s
of II - Year CSE-B

PLAYERS

HackerRank certificate

HackerRank
Certificate

This is to certify that

Deebthitha K S

has successfully cleared the assessment for the skill

Java (Basic)

14 Mar, 2021
Date

Harishankaran
CTO, HackerRank

K.S.Deebthitha
(java assesment skill)
CSE-B
III-YEAR

Our students participated in all the major disciplines of athletics including throwball, martial arts, and also other competitions like elocution, book review. The competitors emerged with flying colors and have made us extremely proud. A huge congratulations to all the winners, you have definitely set a very admiring benchmark for aspiring students of this institution to aspire.

Elocution Competition winner
VENMATHI.B.T
CSE-A
III - Year

20

L.Rithanya
20CSE080
I-YEAR

Devi sre monica
21CSE005
I-YEAR

WINNERS!
BOOK
REVIEW
COMPETETION

"You learn to
always reach for
the best in life and
not settle for less;
to stand out
from the crowd
and not accept
mediocrity.
You will become
"champion."

R.Duraipandi
CSE-A
III -YEAR

WUMF
E-KATA
WORLD
CUP!

One
Click

National
Photography
Contest

K. Premkumar
CSE-B
II -YEAR

21

CHIEF ADVISOR:

Dr.P.Alli, M.S., Ph.D.,
DEAN-PLANNING AND DEVELOPMENT,
Professor & Head, Department of CSE

EDITORIALCHIEF:

Dr.T.GraceShalini,M.E.,M.B.A,Ph.D,
Assistant Professor

EDITORS TEAM

S.Reshma

R.Janani

S.sakthi aishwarya

R.Reethika

S.Preetha

K.Murugan

S.Rohan karthikeyan

CSE-B
II-Year

Velammal College of Engineering and Technology,
Madurai to Rameshwaram Highway,
Viraganoor, Madurai 627–009,Tamil Nadu,India

2007 to 2021

Over a decade of experience in providing powerful weapon to the students to change the world