



**Velammal College of Engineering and Technology
(Autonomous)**

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.**

**VOLUME 5
ISSUE 1
JUNE 2022-NOV 2022**



CHIEF ADVISOR:

Dr.R.Deepalakshmi, M.E.,Ph.d
Head of the Department

" 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 serves as a center of excellence for teaching of computer science and research. It was established in the year 2007 with 60 students and 4 faculty members. Now it has expanded upto 477 students and 21 faculty members.

The department offers both Under Graduate and Post Graduate courses in CSE. The department has got 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 worth of Rs.111.96 Lakhs from DST, DRDO, MNRE, ISRO, and IEI for Research and Development work.

The Department functions with well qualified, experienced, and dedicated faculty members which lead to requisite teaching and research requirements. The curriculum covers all streams of Computer Science and Engineering such as Hardware and System Programming, Application Development, Networking and Distributed computing, Data Engineering and Data Analytics and Software Engineering."

EDITORIAL CHIEF :

Mrs.V.Lavanya M.E.,
Assistant professor



EDITOR'S TEAM

"Good editor doesn't rewrite words, they rewires synapses"



S.Sakthi Aishwarya
III YEAR CSE-B



Aravintha Krishnan
IV YEAR CSE-A



R.Janani
III YEAR CSE-A



S.Reshma
III YEAR CSE-A



R.Menaga
II YEAR CSE-B



K.S.Santhoshini
II YEAR CSE-B



S.V.Nikhitha
II YEAR CSE-B

2

GO GREEN

Think green, act green

3

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Recently developed technologies

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steve jobs

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innovative approaches

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**THE LAND IS IN A CONSTANT STATE OF BIRTH,
GIVING LIFE TO ALL WHO LIVE ON EARTH.**

**OUR CARELESSNESS AND FEARS
HAVE TAKEN A TOLL OVER THE YEARS.
HER LAND IS PARCHED AND SCORCHED
AS MAN CONTINUES TO LIGHT THE TORCH.
WE CONTINUE A WANT OF SPEED AND EASE,
ALL WHILE OUR PESTICIDES KILL OFF OUR BEES.**



**IT'S TIME TO WAKE UP AND
SEE MOTHER EARTH'S PAIN.
HUMANITY'S SELFISHNESS IS BECOMING INSANE.**

**SOON HER CRIES WILL TURN TO GLOOM,
AND MAN WILL CAUSE ITS OWN DOOM**

MAKE EARTH DAY EVERY DAY !



Go GREEN

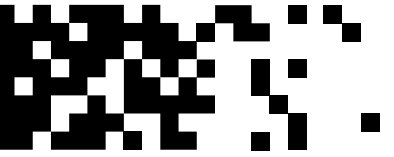


When you go green, you are effectively reducing your carbon footprint. By reducing pollution, you are also reducing the amount of energy that is being consumed, thereby making way for a greener and cleaner environment.

C L E A N A N D G R E E N E N V I R O N M E N T

**-PRATHISWARAN
III YEAR
CSE-B**

LATEST TECHNOLOGIES IN COMPUTER SCIENCE IN 2022



–NIKHITHA S V
II CSE B

The twenty-first century has seen a technological revolution. Several highly commercial and widely used technologies from the early 2000s have completely vanished, and other ones have replaced them.

In 2021, many latest technologies will emerge, particularly in the fields of computer science and engineering. These latest technologies are only going to get better in 2021, and they may even make it into the hands of the average individual.

These are the key trends or latest technologies to look at whether you're a recent computer science graduate or a seasoned IT professional. And how these innovations are upending the established quo at work and on college campuses.

Artificial Intelligence

credit card fraud, identify disease outbreaks, and improve satellite navigation.



The Institute of Electrical and Electronics Engineers Computer Society forecasts that numerous AI concepts will be extensively implemented in 2021 in their annual technology prediction report. Reliability and safety for intelligent autonomous systems, AI for digital manufacturing, and trustworthy Machine code that mimics human and animal intelligence is at the heart of artificial intelligence (AI). Professionals in artificial intelligence (AI) create algorithms and programme machines to do human-like activities. Artificial intelligence (AI) is already widely used to detect and explainable AI and machine learning are all purported AI breakthroughs.

As of 2020, computer and information research scientists earned a median annual pay of \$126,830, with the Bureau of Labor Statistics expecting much-faster-than-average growth for the profession from 2019 through 2029.

Machine learning engineers make an average yearly pay of \$112,840, according to PayScale, with late-career professionals earning an average annual salary of \$162,000 as of June 2021. A bachelor's degree is required for entry-level AI positions, while a master's or Ph.D. leads to the best job chances in artificial intelligence.

EDGE COMPUTING

-HARINIDEVI M

II YEAR

CSE-B

Edge computing in agriculture sector:

Examining the soil moisture using a mobile device by checking the farm location and the soil color. It tracks livestock's health using sensor data such as temperature, heart rate, etc., and provides insights about the health condition. A predictive computation engine, such as drones, can be used to check the health of leaves based on color and the pores it has, whether attacked by insects, pests, or rodents.

Edge computing in banking and financing:

There is no need for human intervention. It is also not required first to transfer the data to the cloud. If the ATM tempers anyway, it will automatically shut down as soon as possible before any mishappening occurs.

Edge computing in Manufacturing industry:

It helps to clean the data at the edge and transfer only required data to the cloud. It can make it possible to process the data closer to the device where it is generated, at the edge, and thus avoid the cost of transporting data to the cloud and improve data accessibility.

Edge computing in Automobile industry:

AI can recognize dangerous situations. It can alert the driver or take emergency control of the vehicle to prevent an accident. Blind-spot monitoring, emergency braking, cross-traffic detectors, and driver-assist steering can help avoid accidents and save human lives. By monitoring eye gaze, eye openness, and head position, AI detects distracted driving and alerts the car driver to keep their eyes on the road.

Edge computing in Retail industry:

It allows the data collection and analysis at the edge that enables real-time data processing and analytics at the source of data generation itself. Hence make it easy for the retailer to use big data and artificial intelligence innovative technologies easily. Using in-store intelligent video image recognition, AI can track the inventory system and accordingly can take action.

Edge computing brings analytical computational resources close to the end users and therefore can increase the responsiveness and throughput of applications.

Edge computing applications

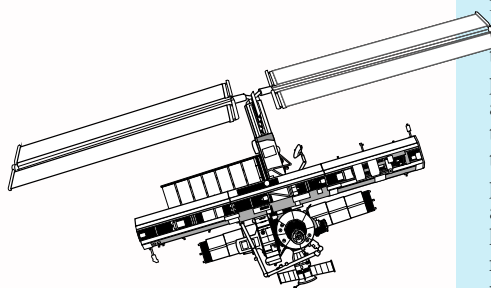
Agriculture
Healthcare
Banking and financing
Manufacturing industry
Automobile industry
Retail industry

Edge computing is a distributed computing and paradigm that brings computation and data storage closer to sources of data. Edge computing is a trending keyword in technology sector and gained notice with the rise of Internet of things



VARIOUS WAYS OF THE INTERNATIONAL SPACE STATION IN BENEFITING EARTH

—ISHWARYAPRIYADHARSHNI V
II YEAR CSE B



With astronauts living and working aboard the International Space Station, NASA is learning a great deal about what it takes to create and test critical systems, efficient communications technologies and protections for the human body for a deep space mission, all of which is critical in our journey to Mars. A decade ago, the station was also designated as a national lab with some of the research time aboard the orbiting laboratory dedicated to help us here on Earth, as well. Here are some ways the space station is benefiting life on Earth

Commercializing low-Earth orbit

An exciting new commercial pathway is revolutionizing and opening access to space, fostering America's new space economy in low-Earth orbit. For the first time, the market is expressing what research can and should be done aboard the microgravity laboratory without direct government funding. The Center for Advancement of Science in Space, or CASIS, manages half of the crew research time via the ISS National Laboratory and is filling the pipeline with a wide variety of commercial research and payloads. More than two-thirds of these projects to date have required zero funding from CASIS, and that trend is increasing. In addition, a significant portion of the commercial research taking place aboard the station is made possible by NanoRacks hardware. The company has invested privately and raised capital to provide laboratory facilities for small payloads, including CubeSats deployed from the

space station, that make research faster and more affordable. NASA's move to purchase commercial cargo resupply and crew transportation to the space station enables U.S. businesses to develop a competitive capability they also can sell as a service to others while freeing NASA resources for deep space exploration. Private sector participation provides a new model for moving forward in partnership with the government.

Supporting water purification efforts worldwide

Whether in the confines of the International Space Station or a tiny hut village in sub-Saharan Africa, drinkable water is vital for human survival. Unfortunately, many people around the world lack access to clean water. Using technology developed for the space station, at-risk areas can gain access to advanced water filtration and purification systems, making a life-saving difference in these communities. Joint collaborations between aid organizations and NASA technology show just how effectively space research can adapt to contribute answers to global problems. The commercialization of this station-related technology has provided aid and disaster relief for communities worldwide. The Water Security Corporation, in collaboration with other organizations, has deployed systems using NASA water-processing technology around the world.

Growing high-quality protein crystals

There are more than 100,000 proteins in the human body and as many as 10 billion in nature. Every structure is different, and each protein holds important information related to our health and to the global environment. The perfect environment in which to study these structures is space. Microgravity allows for optimal growth of the unique and complicated crystal structures of proteins leading to the development of medical treatments. An example of a protein that was successfully crystallized in space is hematopoietic prostaglandin D synthase (H-PGDS), which may hold the key to developing useful drugs for treating muscular dystrophy. This particular experiment is an example of how understanding a protein's structure can lead to better drug designs. Further research is ongoing.

Improving eye surgery with space hardware

Laser surgery to correct eyesight is a common practice, and technology developed for use in space is now commonly used on Earth to track a patient's eye and precisely direct the laser scalpel. The Eye Tracking Device experiment gave researchers insight into how humans' frames of reference, balance and the overall control of eye movement are affected by weightlessness. In parallel with its use on the space station, the engineers realized the device had potential for applications on Earth. Tracking the eye's position without interfering with the surgeon's work is essential in laser surgery. The space technology proved ideal, and the Eye Tracking Device equipment is now being used in a large proportion of corrective laser surgeries throughout the world.

Developing improved vaccines

Ground research indicated that certain bacteria, in particular Salmonella, might become more pathogenic (more able to cause disease) during spaceflight. Salmonella infections result in thousands of hospitalizations and hundreds of deaths annually in the United States. While studying them in space, scientists found a pathway for bacterial pathogens to become virulent. Researchers identified the genetic pathway activating in Salmonella bacteria, allowing the increased likelihood to spread in microgravity. This research on the space station led to new studies of microbial vaccine development.

Providing students opportunities to conduct their own science in space

From the YouTube Space Lab competition, the Student Spaceflight Experiments Program, and SPHERES Zero Robotics, space station educational activities inspire more than 43 million students across the globe. These types of inquiry-based projects allow students to be involved in human space exploration with the goal of stimulating their studies of science, technology, engineering and mathematics. It is understood that when students test a hypothesis on their own or compare work in a lab to what's going on aboard the space station, they are more motivated towards math and science.

Monitoring water quality from space

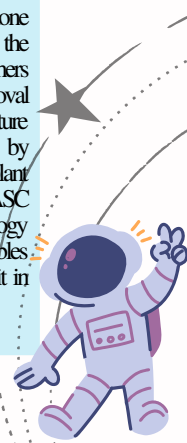
Though it completed its mission in 2015, the Hyperspectral Imager for the Coastal Ocean (HICO) was an imaging sensor that helped detect water quality parameters such as water clarity, phytoplankton concentrations, light absorption and the distribution of cyanobacteria. HICO was first designed and built by the U.S. Naval Research Laboratory for the Office of Naval Research to assess water quality in the coastal ocean. Researchers at the U.S. Environmental Protection Agency (EPA) took the data from HICO and developed a smartphone application to help determine hazardous concentrations of contaminants in water. With the space station's regular addition of new instruments to provide a continuous platform for Earth observation, researchers will continue to build proactive environmental protection applications that benefit all life on Earth.

Monitoring natural disasters from space

An imaging system aboard the station, ISS SERVIR Environmental Research and Visualization System (ISERV), captured photographs of Earth from space for use in developing countries affected by natural disasters. A broader joint endeavor by NASA and the U.S. Agency for International Development, known as SERVIR, works with developing nations around the world to use satellites for environmental decision-making. Images from orbit can help with rapid response efforts to floods, fires, volcanic eruptions, deforestation, harmful algal blooms and other types of natural events. Since the station passes over more than 90 percent of the Earth's populated areas every 24 hours, the ISERV system was available to provide imagery to developing nations quickly, collecting up to 1,000 images per day. Though ISERV successfully completed its mission, the space station continues to prove to be a valuable platform for Earth observation during times of disaster.

Improving indoor air quality

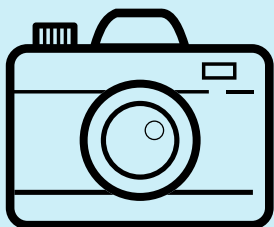
Solutions for growing crops in space now translates to solutions for mold prevention in wine cellars, homes and medical facilities, as well as other industries around the world. NASA is studying crop growth aboard the space station to develop the capability for astronauts to grow their own food as part of the agency's journey to Mars. Scientists working on this investigation noticed that a buildup of a naturally-occurring plant hormone called ethylene was destroying plants within the confined plant growth chambers. Researchers developed and successfully tested an ethylene removal system in space, called Advanced Astroculture (ADVASC). It helped to keep the plants alive by removing viruses, bacteria and mold from the plant growth chamber. Scientists adapted the ADVASC system for use in air purification. Now this technology is used to prolong the shelf-life of fruits and vegetables in the grocery store, and winemakers are using it in their storage cellars.





WHEN LIFE IS BLURRY ADJUST YOUR FOCUS

*We take photos as a
return ticket to the moment
otherwise gone*



*Take your camera wherever you go
Use it as your visual diary
happy clicking!*

**-AJEETHA B
II YEAR
CSE-B**



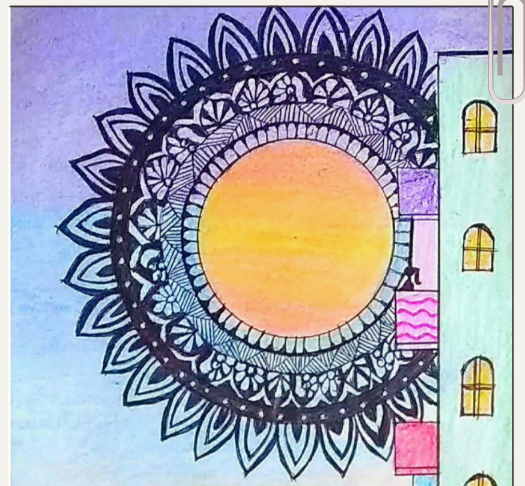
STUDENT'S GALLERY

ART

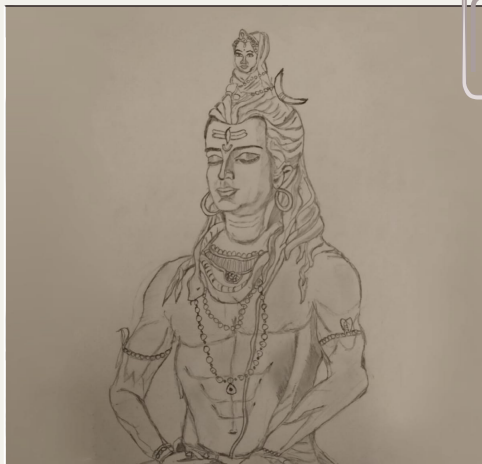
Art is a line around
your thoughts.



- PRIYA DHARSHINI K
III YEAR CSE A



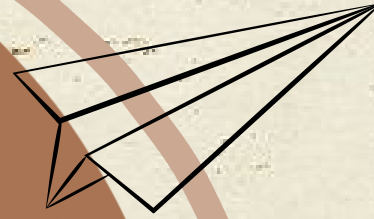
-SANTHOSHINI K S
II YEAR CSE B



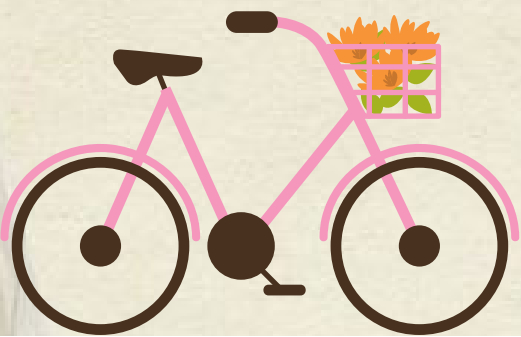
-AISHWARYA P K
II YEAR CSE B

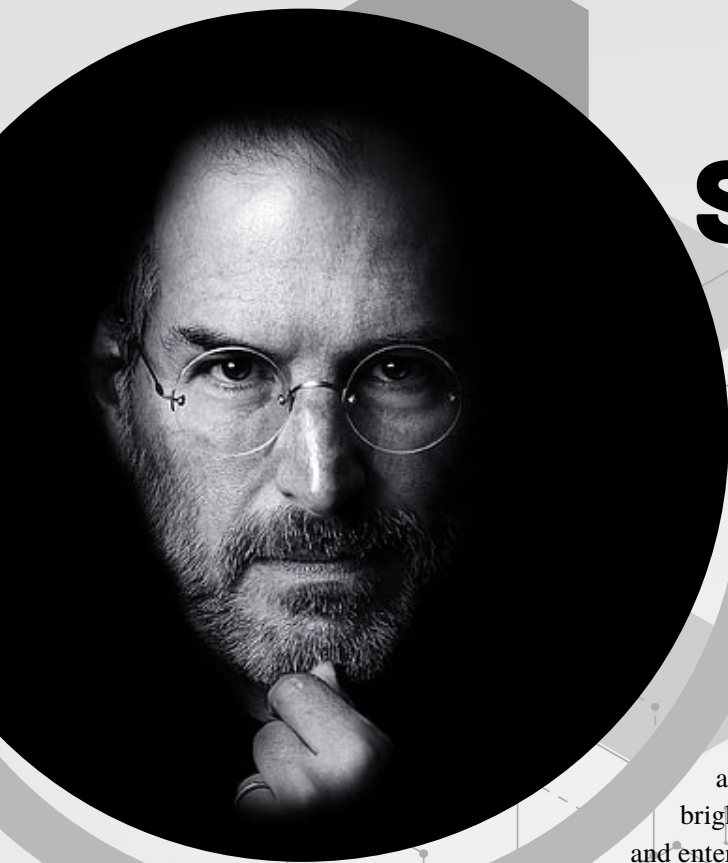
etc.
OF RE/10A

Every picture
tells a story



**-SRI GAYATHIRI S
IV YEAR CSE-A**





STEVE JOBS

Steve Jobs could be considered as one of the most motivated and driven entrepreneurs of all time. Most people believe that it was his constant need for perfection that drove him to persevere through projects, but his biggest motivation was his desire to leave something behind that changed everything.

Jobs Born in San Francisco, he was adopted by an encouraging and loving family. He developed an interest in computers and engineering at a young age, inspired by his father's machinist job and love for electronics. Growing up south of Palo Alto, Jobs was bright beyond comparison, his teachers wanted him to skip several grades and enter high school early, although his parents declined. When he did go to high school, Jobs met his future business partner, Steve Wozniak, with whom he bonded over their shared love for electronics and computer chips. After dropping out of college in his first semester, Jobs explored his spiritual side while traveling in India. It was through this spiritual enlightenment that Jobs' work ethic and simplistic view toward life were developed. **"That's been one of my mantras – focus and simplicity,"** he once said.

"Simple can be harder than complex: You have to work hard to get your thinking clean to make it simple.

But it's worth it in the end because once you get there, you can move mountains."- steve jobs

Jobs began to move mountains at age 21 when he and Wozniak started Apple Computers in the Jobs family garage. To fund their venture, Jobs sold his Volkswagen bus and Wozniak sold his scientific calculator. This ended up being a good investment. Prior to Apple's rise, computers were physically massive, expensive and not accessible by the everyday person. With Jobs heading up marketing and Wozniak in charge of technical development, Apple sold consumer-friendly machines that were smaller and cheaper, at only \$666.66 each. The Apple II was more successful than the first model, and sales increased by 700%. On its first day of being a publicly traded company in 1980, Apple Computer had an estimated market value of \$1.2 billion. But this success was short-lived, even with the praise for Jobs' latest design, the Macintosh. IBM was Apple's stiffest competition, and it began to surpass Apple's sales. After a falling out with Apple's CEO, John Sculley, Jobs resigned in 1985 to follow his own interests. He started a new software and hardware company, NeXT Inc., and he invested in a small animation company, Pixar Animation Studios. Pixar became successful thanks to Jobs' tenacity and evolving management style. Toy Story, Pixar's first major success, took four years to make while the then-unknown animation company struggled. Jobs pushed its progress along by encouraging and prodding his team in critical and often abrasive ways. While some found his management style caustic, he also earned loyalty from many team members. "You need a lot more than vision – you need a stubbornness, tenacity, belief and patience to stay the course," Edwin Catmull, the co-founder of Pixar, told the New York Times. **"In Steve's case, he pushes right to the edge, to try to make the next big step forward."** While Pixar succeeded, NeXT, trying to sell its own operating system to American consumers, floundered. Apple bought the company in 1997, and Jobs returned to Apple as CEO. Working for an annual salary of \$1 a year (in addition to the millions of Apple shares he owned), Jobs revitalized Apple, and under his leadership, the company developed numerous innovative devices – namely, the iPod, the iPhone, the iPad and iTunes. Apple revolutionized mobile communications, music and even how numerous industries, including retail and healthcare, carried out their everyday business operations. He showed a unique intuition when developing these products. When asked what consumer and market research went into the iPad, Jobs reportedly replied, **"None. It's not the consumers' job to know what they want,"** according to his New York Times obituary.

Jobs used his personal experiences, such as growing up in the San Francisco area in the '60s and his world travel, to shape the way he designed the products that made Apple synonymous with success. He criticized the sheltered lives that characterized many in the computer industry. **“[They] haven’t had very diverse experiences,” he told Wired. “So they don’t have enough dots to connect, and they end up with very linear solutions without a broad perspective on the problem. The broader one’s understanding of the human experience, the better design we will have.”**

In 2004, Apple announced Jobs had a rare but curable form of pancreatic cancer. This brush with death helped Jobs focus his energy on developing the Apple products that rose to such popularity in the 2000s.

“Almost everything – all external expectations, all pride, all fear of embarrassment or failure – these things just fall away in the face of death, leaving only what is truly important,” he said in his

2005 commencement address at Stanford. Though he was ill, he was diagnosed with a pancreatic neuroendocrine tumor. Throughout 2008 Jobs lost significant weight, which produced considerable speculation that his cancer was back. (The average survival rate for patients who underwent Whipple operations was only 20 percent at five years.) Perhaps more

than those of any other large corporation, Apple’s stock market shares were tied to the health of its CEO, which led to demands by investors for full disclosure of his health—especially as the first reasons given for his weight loss seemed insufficient to explain his sickly appearance. On January 9, 2009, Jobs released a statement that he was suffering from a hormonal imbalance for which he was being treated and that he would continue his corporate duties. Less than a week later, however, he announced that he was taking an immediate leave of absence through the end of June in order to recover his health. Having removed himself, at least temporarily, from the corporate structure, Jobs resumed his previous stance that his health was a private matter and refused to disclose any more details. In June 2009 the Wall Street Journal reported that Jobs had received a liver transplant the previous April. Not disclosed was whether the pancreatic cancer he had been treated for previously had spread to his liver.

The operation was performed in Tennessee, where the average waiting period for a liver transplant was 48 days, as opposed to the national average

of 306 days. Jobs came back to work on June 29, 2009, fulfilling his pledge to return before the end of June. In January 2011, however, Jobs took another medical leave of absence. In August he resigned as CEO but became chairman. He died of respiratory arrest related to the tumor on October 5, 2011, at the age of 56. Jobs emphasized the importance of teamwork to his employees. Though he made the final decision on product designs, he knew the right people are a company’s greatest asset. **“That’s how I see business,”** he said in a 2003 60 Minutes interview. **“Great things in business are never done by one person; they’re done by a team of people.”** At the

same time, Jobs knew he had to be the best leader possible to his teams. According to Jobs’ work mantra and ethic, innovation is what distinguishes a leader from a follower. Thanks to Jobs’ expectation of high quality, almost every product he turned out was a huge success among consumers and businesses.



“SOMETIMES WHEN YOU INNOVATE, YOU MAKE MISTAKES. IT IS BEST TO ADMIT THEM QUICKLY, AND GET ON WITH IMPROVING YOUR OTHER INNOVATIONS.”

–STEVE JOBS

**–MENAGA R
II YEAR
CSE–B**



PEDAGOGY

DAY

Dedication, Determination and Distinction

**PEDAGOGY
IS A STUDENT-CENTERED
APPROACH IN WHICH THE
STUDENTS TAKE RESPONSIBILITY
FOR LEARNING IN THEIR WAYS.**



**THE STUDY
METHODS ENCOURAGE
TEAMWORK AND
GROUP PROJECTS FOR THE
STUDENTS TO MEET LIKE-MINDED
INDIVIDUALS AND WORK
WITH THEM**

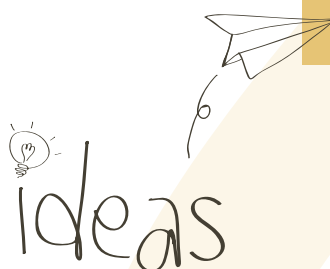
**HELPS STUDENTS
TO DEVELOP COGNITIVE SKILLS
USING EVALUATION,
DETAILED ANALYSIS,
COMPREHENSION, AND
APPLICATION OF THE COURSES**

**PEDAGOGY
IMPACT ON THE
STUDENTS**

PEDAGOGY IS COINED FROM THE GREEK WORDS 'PAIDOS' (CHILD) AND 'AGOGOS' (LEADER). SO, PEDAGOGY IS THE STUDY OF TEACHING AND HOW THE CONTENT IS PRESENTED TO STUDENTS. IT IS THE DEVELOPMENT OF AN EDUCATIONAL PROCESS THAT HELPS LEARNERS GAIN KNOWLEDGE.

PEDAGOGY DEFINITION INCLUDES THE TEACHING PRACTICES AND THEORIES DEPLOYED TO TEACH. IT STIMULATES THE UNIQUE INTERACTION BETWEEN TEACHERS AND STUDENTS.

IN THIS APPROACH, THE STUDENTS ARE ALLOWED TO BE PRESENT IN THE PROCESS OF UNDERSTANDING AND GAINING KNOWLEDGE RATHER THAN JUST PASSIVELY RECEIVING INFORMATION. THIS ENCOURAGES CRITICAL THINKING AMONG THE STUDENTS AND GIVES A LEARNING ENVIRONMENT IN WHICH THEY CAN CONNECT WITH WHAT THEY ARE HEARING.



**"LEARN EVERYTHING YOU CAN, ANYTIME YOU CAN,
FROM ANY ONE YOU CAN, THERE WILL ALWAYS A TIME
WHEN YOU WILL BE GRATEFUL YOU DID."**





Pedagogy by 2nd year CSE-A Students

Subject: DPSD

Topic: Binary Parallel Adder(N-Bit Parallel Adder)

Date:17.09.2022

Venue: 2nd year CSE-A

**Staff incharge: Mrs. S. Kavitha, B.Tech., M.E.
Assistant professor**

Pedagogy Day by 2nd year CSE-B Students

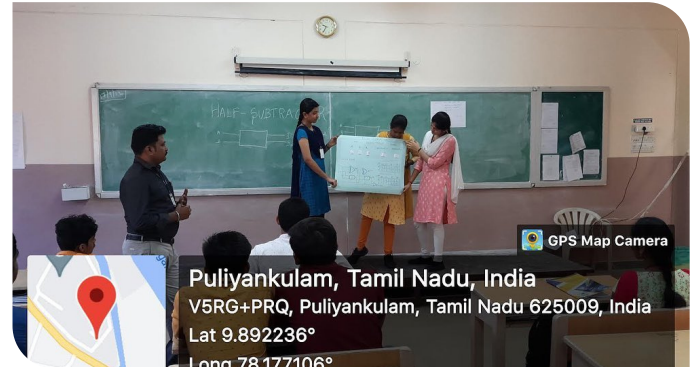
Subject: DPSD

Date:17.09.2022

Topic: Full and Half Subtractor

Venue: 2nd year CSE-B

**Staff incharge:Mr.G.Balamuralikrishnan B.E., M.E.
Assistant professor**



Pedagogy Day by 3rd year CSE-A Students

Subject: Microprocessor and Microcontroller

Date:17.09.2022

Venue: 3rd year CSE-A

**Staff incharge:Mr. S. Murali B.E.,M.E.,
Assistant Professor**

Pedagogy Day by 3rd year CSE-B Students

Subject: Theory Of Computation(TOC)

Topic: Visualization of Finite Automata

Date:17.09.2022

Venue: 3rd year CSE-B

**Staff incharge: Mrs.R.Sarala B.E.,M.E.
Assistant Professor**



Pedagogy Day by 4th year Students

Date:17.09.2022

MORE THAN JUST BUSINESS



OUR DEPARTMENT INVOLVED IN SO MANY STEPS WITH SURGE TO MOTIVATE OUR STUDENTS, TO SHOWCASE THEIR TALENTS EVERY YEAR. ON BEHALF OF THAT OUR DEPARTMENT ORGANIZED SO MANY SEMINARS AND EVENTS LIKE THE QUIZZARD, TECHNO TRIPLETS ETC...

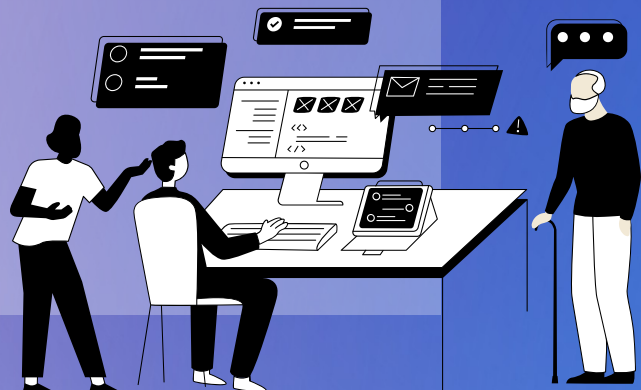


**SEMINAR ON "BIG DATA ANALYTICS"
CONDUCTED FOR 3RD YEAR STUDENTS
GUEST SPEAKER: MR.PAUL XAVIER
DATE:06.10.2022
VENUE:SEMINAR HALL 2
STAFF INCHARGE: MR.KR.SENTHIL MURUGAN
MRS.P.R.HEMALATHA**



"YOU CANNOT CHANGE
YOUR DESTINATION
OVERNIGHT BUT YOU CAN
CHANGE YOUR DIRECTION
OVERNIGHT"

—JIM ROHN



"IF YOU WANT
SOMETHING NEW, YOU
HAVE TO STOP DOING
SOMETHING OLD"

THE QUIZZARD

CONDUCTED BY MEMBERS OF QUIZ CLUB OF CSE DEPARTMENT

DATE:16.09.2022

VENUE:CSE DEPARTMENT



MOTIVATIONAL TALK

BY MR.BALAJI SAKTHIVEL (VAAN FOODS)

CONDUCTED BY ENTREPRENEUR DEVELOPMENT CELL(CSE)

MODE: ONLINE

CONDUCTED ON 19.11.2022



TECHNO TRIPLETS

CONDUCTED BY MEMBERS OF CSE ASSOCIATION

PROGRAMS CONDUCTED:-

1.MIND FEST

2.WORD INTELLECT

3.TECHNOID HUNT

DATE:14.09.2022

VENUE:CSE LAB



"WE ARE DROWNING IN INFORMATION, WHILE STARVING FOR WISDOM. THE WORLD HENCEFORTH WILL BE RUN BY SYNTHESIZERS, PEOPLE ABLE TO PUT TOGETHER THE RIGHT INFORMATION AT THE RIGHT TIME, THINK CRITICALLY ABOUT IT, AND MAKE IMPORTANT CHOICES WISELY."

- E. O. Wilson



Our CSE-VCET family proudly conducted a state level symposium **GENNEXT 2022 ON 14.10.2022** to enhance the technical knowledge of students and provide them a platform to exhibit their talents. And so to identify and understand the various aspects of their domain which provides opportunities for them to develop their versatility and charisma in the divergent facet of their growth.

GEN



Madurai,TN,India

Madurai South, Madurai, 625009, TN, India
Lat 9.892622, Long 78.177041
10/14/2022 11:15 AM GMT+05:30
Note : Captured by GPS Map Camera

Madurai,TN,India

NH 85, Madurai South, Madurai, 625009, TN, India
Lat 9.892520, Long 78.176989
10/14/2022 11:34 AM GMT+05:30
Note : Captured by GPS Map Camera

Madurai,TN,India

NH 85, Madurai South, Madurai, 625009, TN, India
Lat 9.892520, Long 78.176994
10/14/2022 11:16 AM GMT+05:30
Note : Captured by GPS Map Camera

TECHNICAL EVENTS

- DR ABUBAKER.

Next-Gen



Dr.S.Sasikala M.E.,Ph.D.-assistant professor.

Mrs.R.Sarala M.E.,- assistant professor.

NEXT

We made it With our 3rd year students who organized the event with a surge of enthusiasm and our 2nd year students played a volunteers role.





இரு ஐந்து மாதம் அவள் கருவறையில் காப்பாள்
தன் அங்கத்தை உணவாகி தாலாட்டுவாள்
'அம்மா' என்ற மழலை சொல் கேட்டு
மெய்சிலிர்ந்து போவாள்
அன்பிற்க்கே இலக்கணம் சொல்லிதருவாள்
தீயோர் சூழும்போது துர்க்கையாய்
காட்சியளிப்பாள் தள்ளாடும் வயதிலும்
எனக்காய் உழைப்பாள்

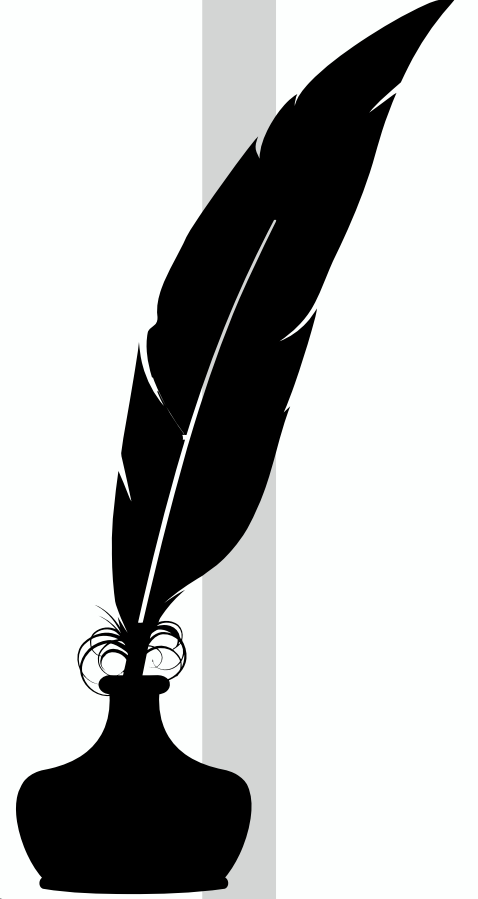
தாயே !

வரும் ஏழேழு ஜன்மத்திலும்
உன்னை என்
கருவறையில் சுமக்க வரம்கேட்பேன் !

வென்மதி
IV-YEAR
CSE-A

இதயத்தில் மலர்ந்து
உயிரினில் கலந்து.
உன் நினைவினால்
சிறையிடுகிறாய்
நீயோ என்
கணவினையை
வென்ற காவியம் !

வண்டுகள் பூக்கள் மேல்
கொண்ட உறவும்
நான் உன்மேல்
கொண்ட நேசமும்
எனக்கு
திகட்டாத சுவை !!

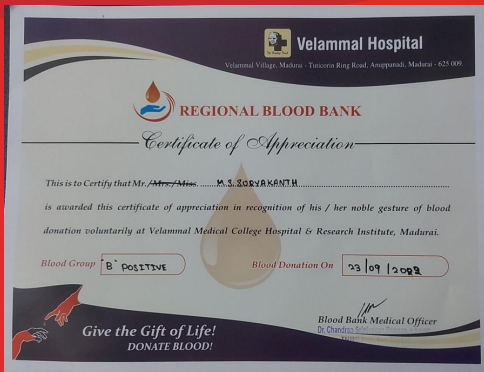


வென்மதி
IV-YEAR
CSE-A

BLOOD DONATION

**IT IS THE BEST ACTIVITY OF HUMAN,
MAKE HEALTHY, WEALTHY AND HAPPY.
ALWAYS KEEPS LIVING TO THE PERSON,
BY DOING SO YOU ARE HELPING HUMANITY.
DONATION OF BLOOD GIVES A NEW LIFE,
IT BRINGS HUMAN FROM THE DYING BED.
RETURNS THE HUSBAND TO HIS WIFE,
AS DIFFICULT DAYS THEY FACED.
IT MAKES YOUR HEAD HOLD HIGH,
YOU FEEL PROUD TO DO NOBLE WORK.
AS YOU SAVE THE MAN WHO CLOSE TO DIE,
THEY STAND IN HIS LIFE AS A FINE CORK.
PEOPLE HAVE WRONG CONCEPT ABOUT IT,
THEY ARE NOT READY TO ACCEPT.
THE GLORY OF BLOOD A EXIST,
NOTHING TO LOSE THAT ONLY TO EARN.
IT INCREASES LIFE SPAN OF THE PEOPLE,
IT WASHES THE STAINS OF SADNESS AND MISERY.
IT BRING PEACE AND HARMONY AMONG PEOPLE,
SPREADS GOOD ENVIRONMENT IN THE COUNTRY.**

BLOOD DONORS



-M.S.SURYAKANTH
III YEAR
CSE-B



-SHYLESH NANDAN
III YEAR
CSE-B

MADURAI VOLUNTARY Blood Bank & Research Centre

Donor ID 5533 Date 29-Nov-22
Donor Name **Mr.Shylesh Nandan** Age/Sex 19/Male

DONOR REPORT

TEST NAME	RESULTS	UNITS
ABO Blood Group	"A"	
Rh Type	Positive	
Haemoglobin	12.6	grams/dl
Packed Cell Volume	41	%
Screening Test For HIV 1 & 2 antibodies	Non - Reactive	
Screening Test for HBsAg	Negative	
Screening Test for HCV antibodies	Negative	
Serological test for Syphilis	Non - Reactive	
Screening Test for Malarial Parasites	Negative	
Screening Test for Micro Filaria	Negative	

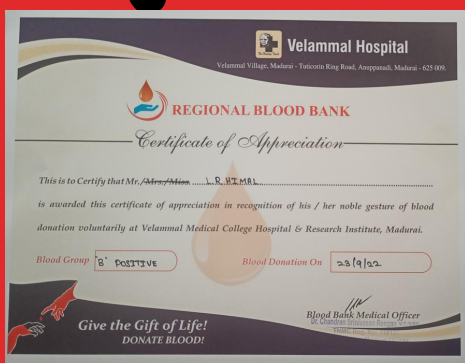
Thanks for your Blood Donation !!!!!

You can donate blood after **27-Feb-23**

This is a computer generated printout and signature is not required.

General Anesth • Whole Blood • Fresh Frozen Plasma • Platelet Concentrate • Cryoprecipitate • Packed Red Cell

42, Kakkai Street, Shetty Nagar, Madurai - 20 ☎ 0452 - 8524412 📠 740 23 23 000, 740 23 23 111
📧 madurai.bloodbank@gmail.com



-L.R.HIMAL
III YEAR
CSE-B

*Donate blood and
be the reason for
someone's
existence.*

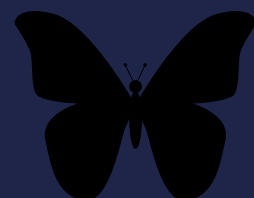
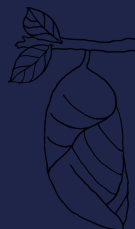
STUDENT'S ACHIVEMENT

CONGRATS HARIHARAN !!



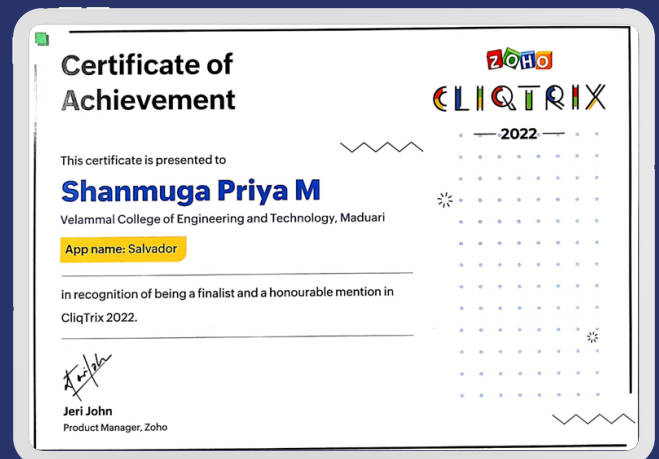
HARIHARAN RK secured 2nd place in CODE TRIX conducted as a part of SRISHTI 2022 - organized by PSG COLLEGE OF ENGINEERING AND TECHNOLOGY

*You don't just wake up and become the butterfly.
Growth is a process...*



CONGRATS SHANMUGA PRIYA!!

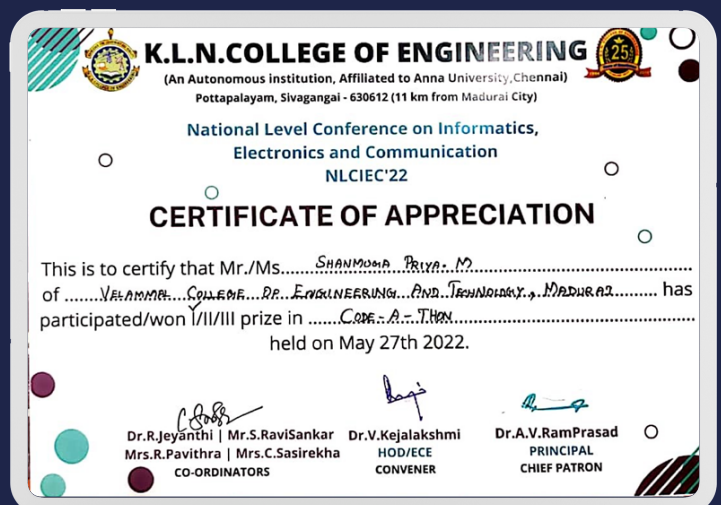
Shanmuga priya secured certificate, cash price and internship offer from zoho for CLIQ TRIX-2022 with her team mate Paarkavi priya - IV year CSE-B



Shanmuga priya M
IV year CSE B

secured 1st price and cash rewards in BITS N BYTES which is organized by KLNCE

secured 1st price and cash rewards in CODE A THON which is organized by KLNCE



CONGRATS
PRATHISWARAN !!

Prathiswaran Secured 2nd Rank @VCET
with 900+ coding points and solved 700+ problems in
GeeksForGeeks DSA Coding practice platform.



prathiswaran

🏆 2 Rank

Current POTD Streak

STREAK
19 / 445
days

Institution
Velammal College of Engineering and Technology (VCET)
Madurai

Overall Coding Score
919

Total Problem Solved
711

Monthly Coding Score
167

Apply for Campus Ambassador

CONGRATS ARUNNACHALAM !!

ARUNACHALAM-III YEAR
CSE-B
Earned the
GOOGLE UX DESIGN PROFESSIONAL certificate
from COURSERA



"CELEBRATE EVERY WIN NO MATER HOW SMALL"

LITTLE EFFORTS MAKE BIG DIFFERENCE

SPORTS SPOT

Our College Women's Badminton Team Got Bronze Medal in
Anna University Zone XVI Tournament on 04.11.2022

team members:

MEERA T - II YEAR CSE-A

SWETHA S - II YEAR CSE-B

VANITHA S - II YEAR CSE-A



Our College Men's Basket Ball Team Became a Runners
Among 9 Teams Participated in the
Anna University Zone XVI Tournament on 28.11.2022

team members:

BHARATH- IV YEAR CSE- A

SIVAKUMAR- III YEAR CSE - B

ABISEKALATHAN - II YEAR CSE - B



Warmest congratulations on all your achievement!
Wishing you even more success in the future.

INDUSTRIAL VISIT



Our college put a lot of emphasis on holistic learning. our department strongly believe that the learning should not be restricted into four walls. To bring the immersive learning within the students , they incorporate industrial visit as part of the curriculum.

Industrial Visit brings a clarity to the important concepts, as student's practical experience first hand how these concepts are put into action. it is a bridge to the gap between classroom theoretical training and practical learning in a real-life environment.

IV

“Education – Exposure – Experience”





Our Second year students visited
CSIR-CENTRAL ELECTOCHEMICAL
RESEARCH INSTITUTION,
Karaikudi on 26.09.2022.



Our Third year students visited
ISRO PROPULSION COMPLEX
Mahendragiri, Tirunelveli on
04.11.2022.



Our Final year students visited
Southern Regional Research Centre-
Central Sheep and Wool Research
Institut, Mannavanur On 04.06.2022
and 09.10.2022.

CHIFE ADVISOR:

Dr.R.Deepalakshmi, M.E., Ph.D.
Professor and Head, Department of CSE

EDITOR CHIEF:

Mrs.V.Lavanya, M.E.,
Assistant Professor

EDITORS TEAM

IV YEAR
Aravintha Krishnan

III YEAR
S.Sakthi Aishwarya
S.Reshma
R.Janani

II YEAR
R.Menaga
K.S.Santhoshini
S.V.Nikhitha



**Velammal College of Engineering and Technology,
Madurai to Rameshwaram Highway,
Viraganoor, Madurai 6250 009,
Tamil Nadu, India**

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