



ROHINI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE and Affiliated to Anna University, (An ISO Certified Institution)

DEPARTMENT OF
COMPUTER SCIENCE AND
ENGINEERING

REVISTA-2020

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CHIEF EDITOR'S MESSAGE

Chief Editors Message

once more ,its with immense pleasure that i was given the opportunity to work on the Fourth edition of the department magazine Revista -2020.

As we all know the Magazine mirrors the vision and mission of the department It also high lights events, activities and academic prowess and achievements. I do hope this magazine encourages many more including students to use it as a platform to express their talents and achievements. I sincerely hope that this edition makes for an interesting read .
Happy Reading



With Regards
Prof.R.Meenakshiammal

CHAIRMAN'S MESSAGE



It is my great pleasure to extend heartfelt greetings to the readers of the Magazine of department of computer science and engineering for the academic year 2017-2018. Although the magazine format is limited in the amount of in-depth information it can provide, It will make every effort to describe, if only briefly, our latest achievements of computer science and engineering, I express my heartfelt wishes to the faculty and students of computer science and engineering in their accomplishments.

PRINCIPAL MESSAGE



I am delighted and excited to congratulate the faculties and students of computer science and engineering .As we move towards the end of the academic year 2019-2020, I feel so fortunate to be part of this community of students, parents, teachers and admin staff, all of whom are united in a desire to provide the very best environment for each student. more important thanks to the team of computer science and engineering for releasing their achievements in the form of magazine Revista - 2020 for the academic year 2019-2020.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

- To create young software professionals to compete the global challenges in the field of computer science and engineering and be researcher to meet the need of society.

MISSION

- To provide quality education to. develop software for real time problem in scientific and business application for various needs of industry.
- To provide learning ambience to enhance innovations, problem solving skill, leadership qualities, team spirit and ethical responsibility to serve the society.

HOD MESSAGE



Welcome to REVISTA-2020 .

Looking back on the academic year 2019-2020 , Department of computer science and engineering has seen a number of important developments through the year. This magazine showcase the development of the department during this academic year. On behalf of Department of computer science and engineering, I thank the faculties and students for their support and contribution for realising this newsletter for the academic year 2017-2018.

EDITORIAL MEMBERS



EDITOR IN CHIEF
PROF. R. MEENAKSHIAMMAL



ASSOCIATE EDITOR
PROF. I. SIVAPRASAD
MANIVANNAN



ASSISTANT EDITOR
AARATHY VIJAYAN (I-M.E)

STUDENT MEMBERS

FINAL YEAR

MR. NAGULESH
MR. SREE LAKSHMI P NAIR



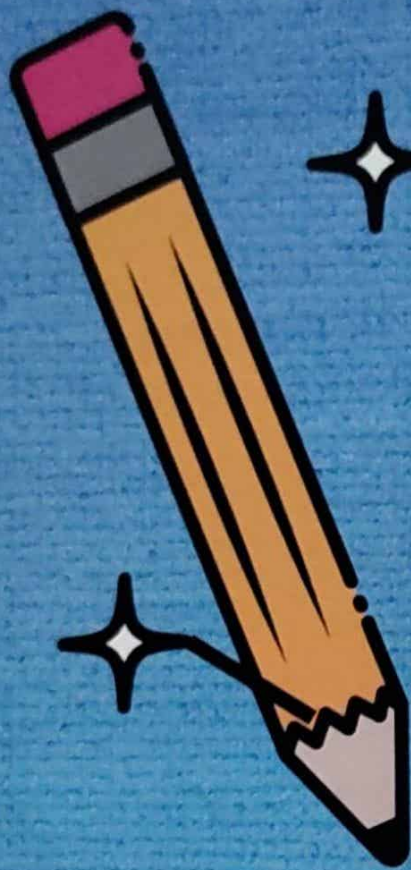
THIRD YEAR

MR. NEELA MEGA KANNAN
MS. KAVYAKRISHNA G



SECOND YEAR

MR. ROHIT
MS. ABITHA M
MS. NANTHITHA THARANI



students

corner

SCRIBBLE PEN

The scribble pen is a revolutionary pen that can scan colors from any object and instantly reproduce the colour on paper or a digital screen. A smart pen with a special ink cartridge and scanner that can replicate any colour.



- Saved colors can also be send to a mobile app over bluetooth 4.0.
- This app let users to use the saved colors for drawing in the mobile phone with stylus.

*Share colors with anyone
anywhere in anytime*

Share colors with anyone anywhere
in anytime

How to use it?

- To select and store a color, just point and click the pen.
- A sensor then sends a code to the core of the pen.
- An ARM 9 microprocessor will mix the ink to the exact same color.
- The color is then saved to an internal memory card.

Mobile Applications:



By,

Manju

2nd year, CSE

RANSOMWARE

SECURITY DEFINITION

Ransomware is malicious software that infects your computer and displays messages demanding a fee to be paid in order for your system to work again. This class of malware is a criminal moneymaking scheme that can be installed through deceptive links in an email message, instant message or website. It has the ability to lock a computer screen or encrypt important, predetermined files with a password.

History of Ransomware

The first cases were reported in Russia in 2005. However, since then, the scams have spread throughout the world, with new types still successfully targeting victims. In September 2013, CryptoLocker surfaced and targeted all versions of Windows! It has successfully infected hundreds of thousands of personal computers and business systems. Victims unknowingly opened up emails impersonating customer support services from FedEx, UPS, DHS and other companies. Once activated, the malware's onscreen timer demanded an average payment of \$300 within 72 hours. Some versions affected local files and removable media. The United States Computer Emergency Response Team warned the malware had the ability to jump from machine to machine and advised infected computer users to immediately remove infected machines from their networks.

Kaspersky security experts have been able to decrypt hijacked data, but they admit it isn't always possible if the encryption is very strong, as is the case with CryptoLocker.

Prevention and Removal

Computer users should make sure their firewalls are on, avoid questionable websites and be alert when opening any suspicious email messages. Choosing proven antivirus software from a reputable company can help protect your computer against the latest ransomware threats. It is essential for private users and businesses to regularly back up their computers to prevent the loss of important data.

By,

Mr. Neela Meha Kannan (III CSE)

2nd year, CSE

BLOCK CHAIN TECHNOLOGY

What is Blockchain Technology?

Blockchain, sometimes referred to as Distributed Ledger Technology (DLT), makes the history of any digital asset unalterable and transparent through the use of decentralization and cryptographic hashing.

A simple analogy for understanding blockchain technology is a Google Doc. When we create a document and share it with a group of people, the document is distributed instead of copied or transferred. This creates a decentralized distribution chain that gives everyone access to the document at the same time. No one is locked out awaiting changes from another party, while all modifications to the doc are being recorded in real-time, making changes completely transparent.

Blockchain consists of three important concepts: blocks, nodes and miners.

Blocks

Every chain consists of multiple blocks and each block has three basic elements:

The data in the block.

A 32-bit whole number called a nonce. The nonce is randomly generated when a block is created, which then generates a block header hash.

The hash is a 256-bit number wedded to the nonce. It must start with a huge number of zeroes (i.e., be extremely small).

Miners

Miners create new blocks on the chain through a process called mining.

Nodes

One of the most important concepts in blockchain technology is decentralization. No one computer or organization can own the chain. Instead, it is a distributed ledger via the nodes connected to the chain. Nodes can be any kind of electronic device that maintains copies of the blockchain and keeps the network functioning.

By,

MS.Hema B Krishnanan (IV CSE)

2nd year, CSE

POEMS

Mother

She is like a flower,
a flower that gives me a smile
a smile that enlightens my inner soul.
she is the one with whom i can share my sorrows and joys
Her company is like sweet fragrance of a flower,
a fragrance that freshens me.
she is the one whose love is undesirable for me.
Her each care about me is like a each petal of a flower
a care that i love the most.
she is the one who motivate me in every sphere of life.
her presence is like a color of flower,
a presence that brightens me.
she is the one who is everything for me
She is like a flower.....

Ms.Abina (III CSE)

April Rain

Let the rain kiss you
Let the rain beat upon your head with silver liquid drops
Let the rain sing you a lullaby
The rain makes still pools on the sidewalk
The rain makes running pools in the gutter
The rain plays a little sleep song on our roof at night
And I love the rain.

Ms.Omega Beraka

II CSE

Drawings



Ms.Haritha

IV CSE



Mr.Vasanth

IV-CSE

GALLERY

Technical Talk -Prof. A.K.Nayak



Guest Lecture -Prof. Wilfred Blessing



Motivational Talk -Prof.Radha Krishan



Workshop-JSP & PHP



Project Presentation



Association-Inaguration



ICRICC-19



ICRICC-20

ROHINI
COLLEGE OF ENGINEERING & TECHNOLOGY

**INTERNATIONAL CONFERENCE
ON RECENT INNOVATIONS IN
COMPUTER AND COMMUNICATION
ICRICC-20**
In collaboration with
RAIGANJ UNIVERSITY WEST BENGAL

29th
May
2020

zoom

Chief Guest
Dr. N.R. Wilfred Blessing
IT Department,
Salalah College of Technology,
Ministry of Manpower, Oman

Keynote Speaker
Dr. D. Kesavara
Associate Professor - CSE,
Dr. Sivanthi Adithanar College
of Engineering, Tiruchengode.

Dignitaries
Shri. K. Neela Marthandan
Chairman, ICET
Dr. N. Neela Vishnu
Managing Director, ICET
Dr. V.M. Blessy Geo
Chief Financial Officer, ICET
Dr. R. Rajesh
Principal, ICET

WELCOMES
YOU ALL !!!

Organised by
DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING



“You have to
DREAM
before your
dreams can
COME TRUE,”

