

**SKCET**



**Buzz**

22<sup>nd</sup> - 26<sup>th</sup> August 2022



**Editor-in-Chief**

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## INSIDE THE ISSUE

HACKATHON ACCOLODES	: PG 3 - 8
<b>STUDENT PROGRESSION</b>	<b>: PG 9 - 11</b>
STUDENT CERTIFICATION	: PG 12 - 15
<b>EVENTS</b>	<b>: PG 16 - 29</b>
RESEARCH AND DEVELOPMENT	: PG 30 - 31
<b>TUTOR WARD MEETING</b>	<b>: PG 32 - 34</b>
FACULTY PROGRESSION	: PG 35 - 37
<b>FACULTY CERTIFICATIONS</b>	<b>: PG 38 - 44</b>
CONFERENCE PRESENTATION	: PG 45 - 47
<b>STUDENT CORNER</b>	<b>: PG 48 - 49</b>
CREATIVE CORNER	: PG 50 - 51
<b>UPCOMING EVENTS</b>	<b>: PG 52 - 54</b>

*Happy Reading!*



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## HACKATHON ACCOLADES



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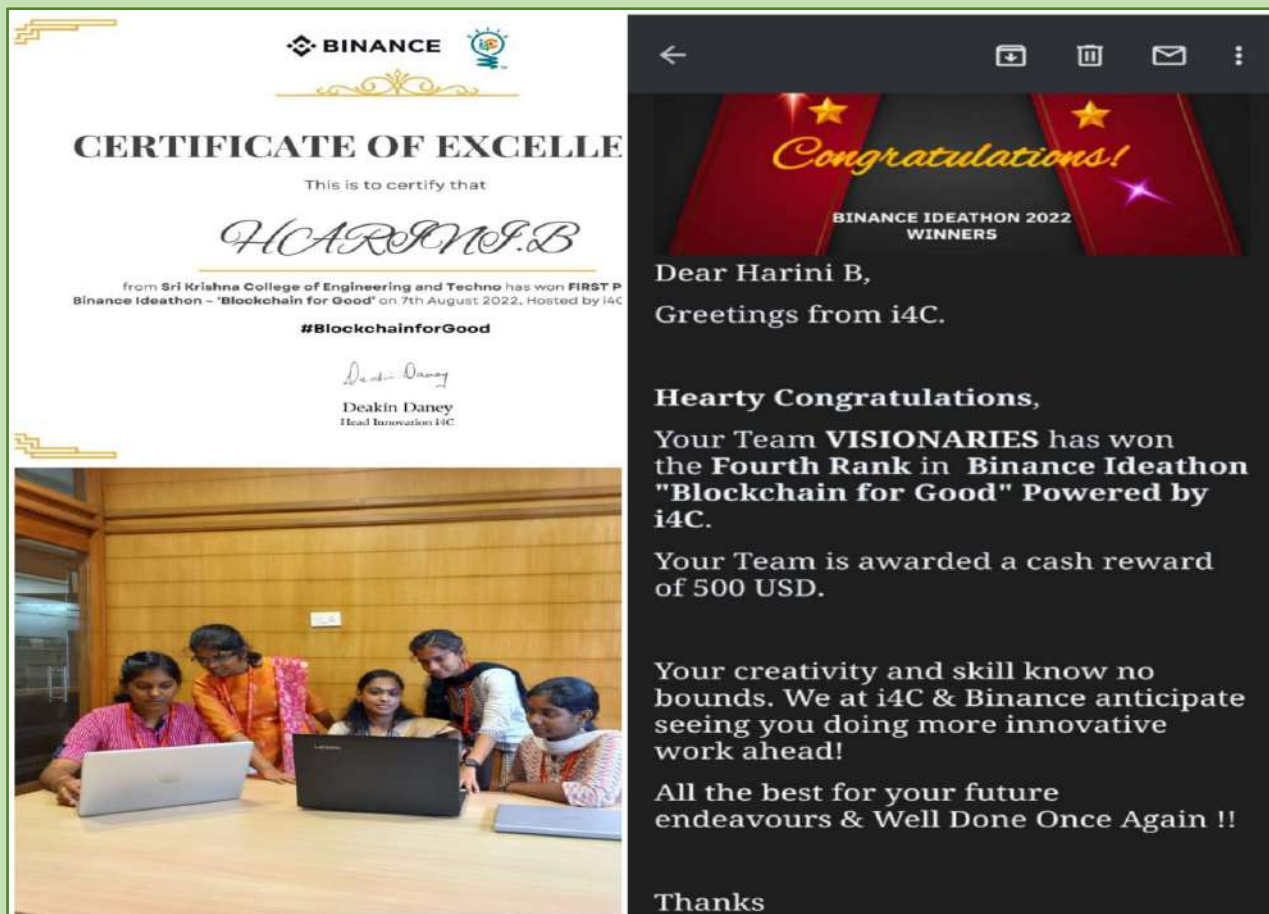


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## CSE/M.TECH CSE | IDEATHON



Student team **Visionaries** from the Department of **Second year M.Tech CSE and CSE** has won **Fourth Rank** with a cash reward of 500 USD in the **Binance Ideathon "Blockchain for Good"** powered by i4C. The team presented their ideas on the problem statement **Metaverse for Tourism**.

### Team Members:

- Shruthiga K
- Vidhyalakshmi S
- Prathiba S
- Harini B

### Team Mentor:

Ms. Sophia B, AP, CSE

## ECE | CODEXTHON



Student team from **Second** year **ECE A** have bagged 1<sup>st</sup> place in Codexthon with a cash reward of Rs. 20,000/- and **Clerky Company's life time package award** on 19.08.2022. They presented an innovative idea titled "**PROTONS**", a platform for electric vehicles that focuses on enhancing the EV in terms of fuel stations, servicing, etc.

**Team name:** In-dia

**Team members:**

- 1) Gowrisubha K (Lead)
- 2) DhanuSri.T.K
- 3) Akash.S
- 4) Hariharan.G

**Team Mentors:**

Dr.A.Albert Raj and Ms.R.Niranjana, faculty members of **ECE** Department.

## CSBS | HACK STACK 1.0 HACKATHON



Student team from the Department of **CSBS** has won **First prize** with a cash prize of **Rs. 1 Lakh** in the **Hack Stack 1.0, Industry 4.0** themed Hackathon presented by **Infrastack Labs** on 19<sup>th</sup> and 20<sup>th</sup> August 2022 at Bhive Co Working Space, Bangalore.

### Team Members:

1. Vishal C - II year CSBS
2. Sasidharan R - II year CSBS
3. Christina Mercy Mathew - II year CSBS
4. Rathi Raguraman - II year M.Tech CSE.

### Mentor:

Dr.S.Balakrishnan, Professor and Head- CSBS.

## CSE|IDEATHON 2022



Student team BlockHeads from **Second year CSE** has participated in Binance Ideathon "Blockchain for Good" Powered by i4C and has been declared the runner up for the problem Statement "**Land Deeds on Blockchain as NFTs**".

### Team Members:

Siddhesh Agarwal- II CSE

YashuVenkat S -II CSE C

SnehaJanarthananan -II CSE

**Mentor:** Ms.SophiaB, AP/CSE

## CSE| PRESIDENTIAL HACKATHON - TAIWAN 2022



Our Beloved Principal Madam **Dr. J.Janet** appreciated the team **B.E.N.Z** - winners of Team of Excellence award in the Presidential Hackathon - Taiwan 2022 for their hardwork in the presence of **Dr.K.Sasi Kala Rani**, Head of the Department, **CSE**, **Dr. P.Kavitha Rani**, Head of the Department, **M.Tech CSE** and the faculty mentor.

### Team members:

Anwisha Zaman - III CSE A

Samyukta K - II CSE C

Sanjay R - II CSE C

Kavin Kishore L - II M.Tech CSE

Surya B - II M.Tech CSE

### Mentor

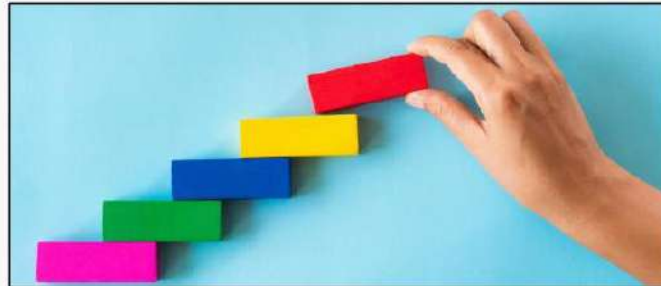
Dr.Rohini M, AP/CSE.



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## STUDENT PROGRESSION



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## EEE/ MCT| E- KART RACING



Team '**BRIANICS**' comprising of 32 students from the Department **MCT** and **EEE** have designed and fabricated an indigenous E-Kart for participating in the National Level **ISNEE Go Kart Design Challenge Competition**, Bengaluru from 22.08.2022 to 25.08.2022. This e-kart was designed by our student team in the Centre for **Innovation and Electrical Drives Laboratory**. The competition is based on maximum design flexibility and the freedom to express their creativity and imaginations with very few restrictions on the overall kart design.

## MCT| GOKART DESIGN CHALLENGE



Student team from the Department of MCT participated in the 9<sup>th</sup> Go Kart Design Challenge from 22<sup>nd</sup> - 25<sup>th</sup> August 2022 at Aruani Grid, Bangalore.



## STUDENT CERTIFICATION



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## M.TECH CSE | MONGO DB BOOTCAMP 2.0

**Vikas J**, student of **Third** year, **M.Tech. Computer Science and Engineering** has participated in a master class on **"Mongo DB Bootcamp 2.0"** organized by Scaler on 10<sup>th</sup> August 2022.



## AI&DS| COURSERA CERTIFICATION



**Tamilarasi T**, student of **Third** year, **Artificial Intelligence and Data Science** has successfully completed a course on **"Introduction to Cloud Computing"** offered through Coursera on 10.08.2022.

## AI&DS| COURSERA CERTIFICATION



**Sri Hema N**, student of **Third year Artificial Intelligence and Data Science** has successfully completed a course on **“Introduction to Cloud Computing”** offered through Coursera on 05.08.2022.

## MECH| ELECTRIC VEHICLE DESIGN

**Dhatchinamoorthi R**, student of **Third year Mechanical Engineering** student has successfully completed 30 days master class on **Electric Vehicle Design** at Pantech E-Learning organized by SkillAP from 20.06.2022 to 19.07.2022. During the course, the student understood the basic working and designing of Electric Vehicle.



## CSBS | TECHO WORKSHOP SERIES



**Manoj Kumar C**, and **Sandhya Barathi K** students of **Second year Computer Science and Business Systems** have participated in the two days **“Techo Workshop Series’22 Vol,4”** organized by Techobytes Technologies on 20<sup>th</sup>& 21<sup>st</sup> August 2022 at IIT Madras Research Park, Chennai.

## MCT| 29<sup>th</sup>Tamilnadu Karate Championship -2022

**J .Bharanidharan** student of **Second year MCT A** has secured **First place** with a **Gold medal** in the **“29<sup>th</sup> Tamilnadu Karate Championship -2022”** held on 20<sup>th</sup> and 21<sup>st</sup> of August 2022 at **PSG College of Technology, Coimbatore**.



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## EVENTS



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## M.TECH CSE | WELCOME ADDRESS BY HOD

**Dr.P.Kavitha Rani** , Professor and HoD, **M.Tech Computer Science and Engineering** welcomed and addressed the **Second** year students. The key points of the discussion were: Curriculum and Syllabus of the upcoming semester, maintaining discipline, motivated the students to effectively participate in co-curricular, extracurricular and placement activities.



## M.TECH CSE | OPPORTUNITIES FOR EARLY STAGE ENTREPRENEURS

**Final** year students of **M.Tech Computer Science and Engineering** attended a webinar on "**Opportunities for Early Stage Entrepreneurs**" organized by **IIC of SKCET** on 16<sup>th</sup> August 2022. **Dr.T.Pavan Kumar**, Senior Scientist - Department of R&D, Planning & Business Development , CSIR was the resource person. Innovative Ideas for Business Startups, Improving Profit Margin and Finance Capital Management were the session highlights.



## CSE| HOD INTERACTION



**Dr.K.Sasi Kala Rani, HoD, CSE** welcomed the **Second** year students to the Department for the academic year 2022-2023. She motivated and encouraged the students to and participate in various contests. She also ensured that the Department will do everything possible to equip the students with the best possible teaching resources, practical exposure and training methods to shape up their life and career.

**Dr.JayasudhaSubburaj**, Placement Officer discussed about the placement strategies followed during the placement training sessions.

### Pointers of Discussion:

- Curriculum discussion
- Training and Placements
- Hackathon Participation
- Attendance Percentage
- Industry training Subjects
- MOOC Certifications

## ECE | INDUSTRIAL TRAINING



Students of **Second** year ECE attended an **Industrial Training Course** on “**Data Structures Through C++**” from 12.08.2022 to 10.09.2022 as a three credit course via the portal supported by **amneo.ai**. Students were able to programme real time software projects at the end of the course.

## AI&DS| GUEST LECTURE ON INNOVATION OF AI - SCOPE AND CAREER



Department of **Artificial Intelligence and Data Science** organized a Guest Lecture for the **Second and Third** year students on the topic "**Web Application Framework for Data Analytics**" on 16.08.2022. The session was handled by **Mr.J.Ganesh Kumar Ponnusamy**, Data Annotation Expert, Tata Consultancy Services, Bangalore. Introduction to Web Application Framework, Types of framework, Concept of .Net framework, Short view on CLR, Components of CLR, How .Net used for data analytics?, .Net Libraries used to build AI applications were the session highlights.

## CIVIL | OUTSIDE CLASS LEARNING EXPERIENCE

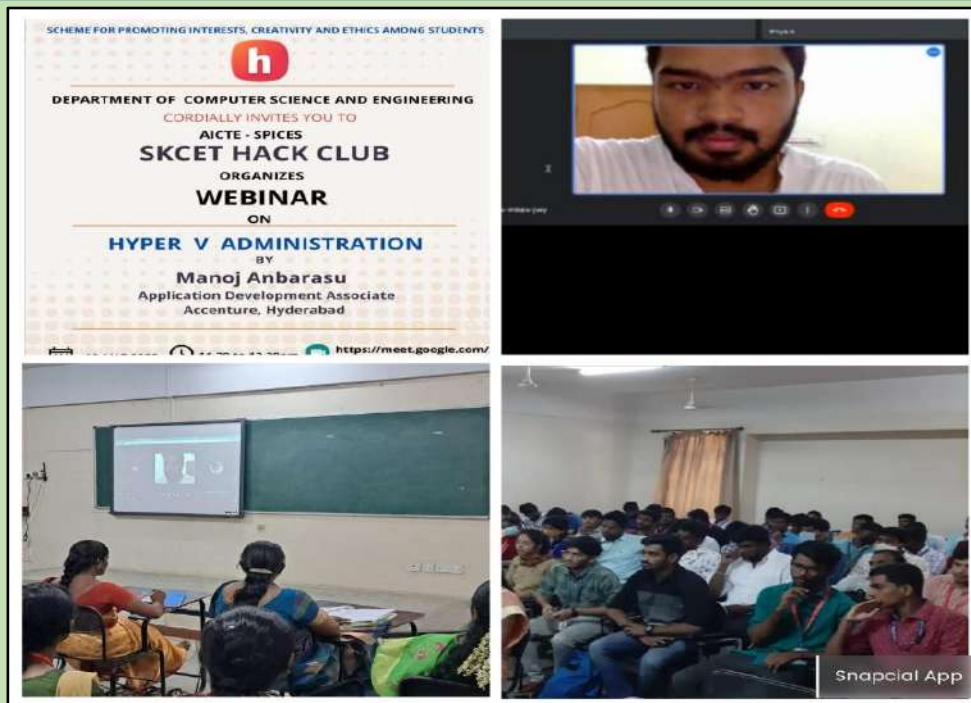


**Third year students of Civil Engineering Department** visited **Sree Daksha Olivia Residential Apartment** as a part of Outside Classroom Learning for the subject "**Design of Reinforced Concrete Structures**" (DRCS) on 13.10.2022. **Mr. A. Jesudass** and **Mr. R. Vighnesh**, faculty members of Civil Department Accompanied the students.

### Key Learnings:

- Beam supported floor systems - Components.
- Beam, Column and Slab reinforcement requirements and its bar bending works.
- Anchorage, Shear and torsion requirements in structural components.

## CSE| WEBINAR ON HYPER V ADMINISTRATION



Department of **CSE** organized a webinar on "**Hyper V Administration**", in association with **Hack Club** sponsored by **AICTE SPICES** on 16.08.22. **Mr. Manoj Anbarasu**, Application Development Associate, Accenture, Hyderabad was the Resource Person. He shared his experience with the students on the Application Development using smart tools.

### Session Highlights:

- Microsoft Datacenter Architecture
- Clustering
- Disaster recovery
- Failover
- Networking (DNS/DHCP)
- Asset Management
- Asset security

## EEE| HOD INTERACTION



**Dr. K. C. Ramya**, HoD, **EEE** welcomed and addressed the **Second** year **EEE** students. Students were introduced to various development programmes and co-curricular activities. She emphasized on the importance of identifying and utilizing their talents. Change of grading system and assessment pattern as per Anna University guidelines, Industrial Training courses, Requirements and Importance of Industrial Training. 21 days Internship - Mandatory two credit and First semester results were the pointers of discussion.

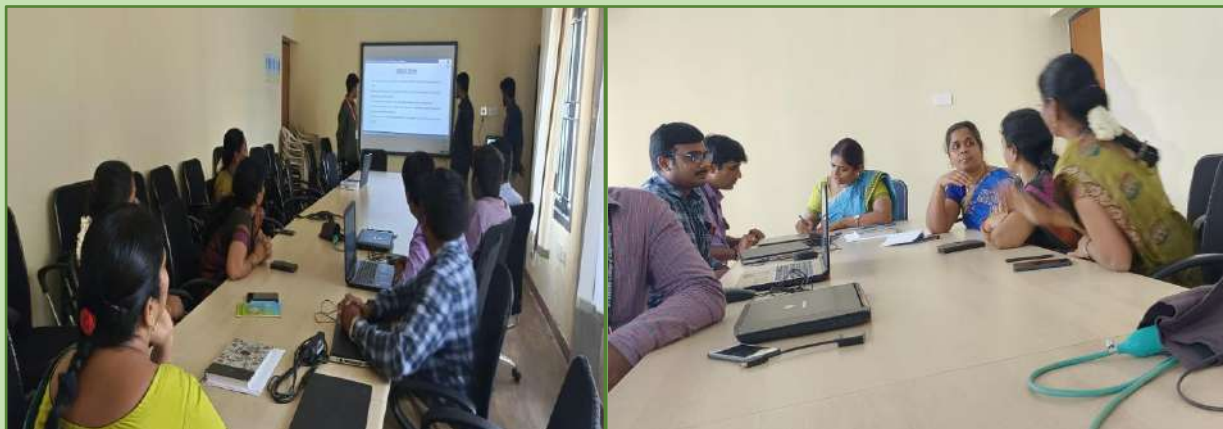
## EEE| PLACEMENT MEETING



Department of **EEE** conducted a Placement Meeting on 17.08.2022 for the **Final year EEE** students. **Dr. K.C.Ramya**, HoD, **EEE**, Tutors, Placement Coordinators and year Coordinators were present during the meeting. The pointers of discussion were: Interactive Training Sessions, Attendance and Test Status, Upcoming Drive Preparation status and motivated the students for upcoming drives. Students assured their extended support towards training and participation.



## EEE| SIH-2022 INTERNAL REVIEW



An Internal Review was conducted by the Department of EEE on 17-08-2022 for the SIH grand finale participants. Three teams from the department presented their ideas with prototype demonstration. **Dr. K.C.Ramya**, HoD, EEE along with the senior faculty members of the department gave valuable suggestions and encouraged them to fine tune their innovative work.

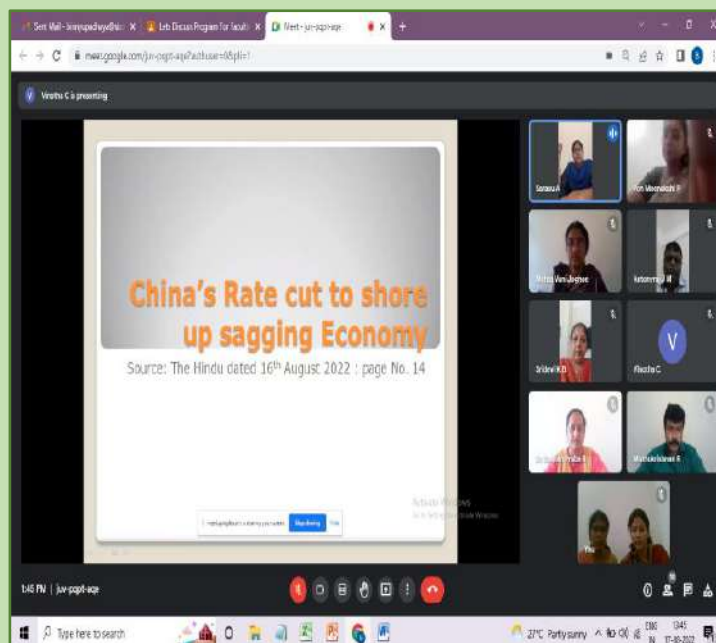
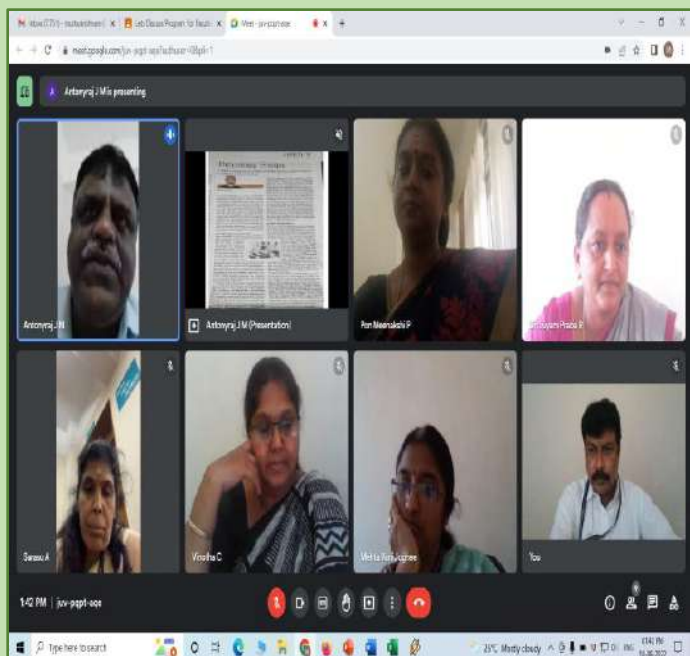
## SOM| FACULTY FORUM

School of Management conducted **Faculty Forum** - week two from 16.08.2022 to 18.08.2022. Three faculty members of **SOM** presented their ideas on different topics.

SL. NO	FACULTY NAME	TOPICS
1	Dr. A.SarasuKanan	Organizational Citizenship Behaviour
2	Dr. R. SuyamPraba	Financial Risk Tolerance for Asset Allocation- Investment Planning
3	Mr.T.Krishnasamy	Talent Acquisition Process 2023



## SOM | LET'S DISCUSS PROGRAM



School of Management organized **Let's Discuss Program** from 16.08.2022 to 18.08.2022. Faculty members of the Department virtually presented the current business news from reputed business dailies.

SL. NO	FACULTY NAME	TOPICS
1	Dr. P. PonMeenakshi	Oligopoly Scare Grip the Telecom Sector
2	Dr.C.Vinotha	China's rate cut to Shore up Sagging Economy
3	Mr.J.M.Antony Raj	The coming 75 years- A higher standard of living is possible if India shifts its focus to Science and Technology

## ECE| HIGHER EDUCATION FAIR



Higher Education aspirants of **Third** year **ECE** attended an Education Fair conducted by **idp** held at Hotel Radisson, Coimbatore on 18<sup>th</sup> August 2022. Resource Persons from major Universities in Canada, UK and US explained their schemes and policies. Scholarships and loan facilities were also discussed with the students.

## HEALTHOGRAPHICS

### DAILY HABITS THAT WILL CHANGE YOUR LIFE



1 hour of exercise



2 liters of water



3 cups of tea



4 colours on the plate



5 minutes of meditation



6 songs that motivate you



7 minutes of laughter



8 hours of sleep



9 pages of a book

## CSBS|SEMINAR ON A PATHWAY TO BECOME JAVA FULL STACK DEVELOPER



Department of **CSBS** organised a Seminar titled “**A pathway to become JAVA full stack Developer**” on 25.08.2022. **Mr. S. Uttam Gupta**, Associate Technical Lead, RFPIO, Coimbatore shared his views on the topic.

### Session Highlights:

- Work culture norms,
- JGI - just google it
- Google features
- Full stack - front end - back end
- Java associated frame work (java full stack developer)
- Front end basics - HTML, CSS, JS, angular JS, react JS
- Spring boot, Relational db, nosql
- Cloud, AWS Tools - cloud package

## CSE | HIGHER EDUCATION FAIR



**Student** team from **Third** year **CSE** visited the Higher Educational Fair at Coimbatore and gained an insight on the overseas educational opportunities in countries like Australia, UK, USA, New Zealand, Canada and Ireland. The experts gave an idea on how to identify and secure the university or school where they can pursue their higher studies.

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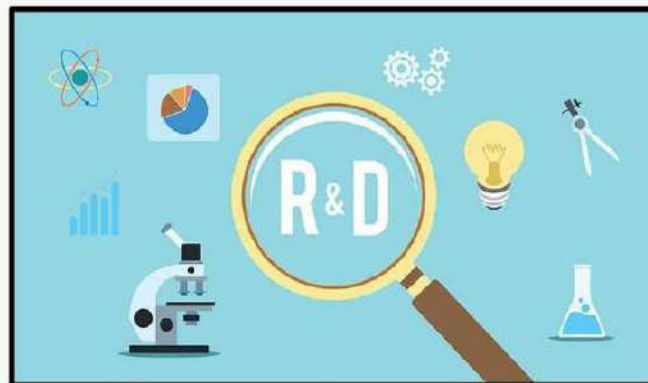


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## RESEARCH AND DEVELOPMENT



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## R&D | PAPER PUBLICATION | ECE

link.springer.com/article/10.1007/s11277-022-09708-9

SpringerLink

Published: 09 June 2022

**Design of Dual Mode AVA with Enhanced Radiation Characteristics**

N. Sathishkumar, V. Nandalal & Rajesh Natarajan

Wireless Personal Communications (2022) | Cite this article

26 Accesses | Metrics

**Abstract**

This paper presents the design of a Dual mode antipodal Vivaldi antenna (AVA) with narrowband to wideband switching characteristics. The radiation characteristics are improved by loading the semi-circular slots on the radiator based upon the surface current analysis. This resulted in gain enhancement and the lower resonance frequency improvement. High-frequency switching is achieved via PIN diodes with proper biasing circuits. The proposed antenna is fabricated on a low-profile FR-4 substrate with the dimensions of 60 mm x 40 mm x 1.6 mm. The proposed antenna exhibits 8.3 GHz bandwidth in wideband mode with a peak gain of 6.9 dBi and 1.6 GHz bandwidth in narrowband mode with a peak gain of 7 dBi. Reference antenna is fabricated with the same dimension and utilized for the comparison with the proposed antenna. All the simulation results are carried out using CST full-wave simulator. The working principle of the antenna is explained through simulation and verified through measurements.

**Dr. V. Nandalal**, Professor, Department of **ECE** has published an **Annexure - I, SCI-E** and Scopus Indexed Journal titled **“Design of Dual Mode AVA with Enhanced Radiation Characteristics”** in **Wireless Personal Communications**.


## LEGENDARY INSIGHT

**MOTHER TERESA**

**IN HER OWN WORDS**

“Do not wait for leaders; do it alone, person to person.”

Mother Teresa taught us by her example what it really means to ‘live’.



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## TUTOR WARD MEETING



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## AI&DS| CLASS COMMITTEE MEETING – III YEAR



**Dr.T.Sujatha**, Associate Professor, **AI & DS** conducted **Class Committee Meeting** for the **Third** year **AI & DS** students on 11.08.2022. **Dr.S.OswaltManoj**, Associate Professor, **CSBS** along with **Dr.S.Venkata Lakshmi**, Professor and Head, Department of **AI & DS** chaired the meeting. The pointers of discussion were: Academic classes, Participation in Hackathon and other technical events, maintaining discipline, dress code, punctuality, and upcoming CIA preparedness.

## CIVIL | TUTOR WARD MEETING – II YEAR



**Tutor Ward Meeting** for the **Final** year students was conducted on 10.08.2022 by **Dr. R. Chandra Devi**. The pointers of discussion were: Placement class and tests, classes and labs for the current semester, Attendance percentage and Participation in National competitions.

## M.Tech CSE | TUTOR WARD MEETING – II YEAR



**MsManohari B and MrSreeraj**, faculty members of the Department of **M.Tech CSE** conducted **Tutor Ward Meeting** for the **Second** year students on **17.08.2022**. The pointers of discussion were: Curriculum of the upcoming semester, motivated students to effectively participate in events and placement activities



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## FACULTY PROGRESSION



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## ECE | IEEE SENIOR MEMBER

**Dr.S.Sasipriya,** Professor, Department of **ECE** has been elevated from IEEE member to **IEEE Senior member** as a result of her professional maturity and significant achievements.



## MECH| SUPERVISOR RECOGNITION



**Dr. V P Srinivasan,** Assistant Professor, **Mechanical Engineering** has been recognized as a supervisor for guiding Ph.D scholars by Anna University, Chennai. His area of specialization are Manufacturing, Welding, Composite Materials and Optimization.

## CSE| SEMINAR – RESOURCE PERSON

**Hindusthan** NEA (A) NAAC  
College of Engineering and Technology  
An Autonomous Institution

Department of Computer Science and Engineering  
&  
Department of Artificial Intelligence and Machine Learning

IEEE In Association with IIC Self Driven Activities  
A National Level Seminar on  
**"Research Methodology & IPR"**  
Resource Person

**Mr.M.VENGATESHWARAN B.E.,M.E.,(Ph.D)**  
Assistant Professor  
Department of Computer Science and Engineering  
Sri Krishna College of Engineering & Technology (Autonomous)  
Coimbatore

<b>Coordinator:</b> Ms.R.Gayathri AP/CSE Ms.KV Sreelekha AP/CSE Dr.Rowsalya Devi ASP/CSE Ms.A.Gomathy AP/CSE	<b>Convener:</b> Dr.S.Shankar,HOD/CSE <b>Patrons:</b> Dr.J.Jaya, Principal Dr.K.Karunakaran, CEO
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Date : 25.08.2022 Time: 10 AM Venue: CSE Seminar Hall

Hindusthan Institutions, Valley Campus, Pollachi Highway,  
Coimbatore - 641 032, Tamilnadu, India.  
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**Mr.M.Vengateshwaran**, Assistant Professor, Department of **CSE** has been the Resource person for the National Level Seminar titled **"Research Methodology & IPR"** organized by Hindusthan College of Engineering & Technology (Autonomous), Coimbatore on 25.8.2022



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## FACULTY CERTIFICATION



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# ECE| NITTT CERTIFICATION



**Mr. C. Visvesvaran, Mr. S.P Karthi, Ms. B. Anish Fathima and Ms. K. Priyadharsini**, faculty members of **ECE** Department have successfully completed **NITTT** Eight Module Course under NITTTTR offered by AICTE.

## MCT| FACULTY CERTIFICATION



**Mrs. Bhuvaneshwari M, Assistant Professor, MCT, has participated in the workshop “Designing and modelling of IoT, AI & ML Systems” organized by – (AICTE) ATAL Academy, Arm Education and STMICROELECTRONICS from August 1<sup>st</sup> to 5<sup>th</sup> 2022.**

## IT|WORKSHOP ON DESIGNING AND MODELLING OF IOT, AI & ML SYSTEMS

**Dr. Barakkath Nisha U,** Associate Professor, Department of **Information Technology** has attended a workshop on **“Designing and Modelling of IoT, AI & ML Systems”** organized by AICTE, ATAL academy, Arm Education, and STMICROELECTRONICS.





# MCT|FDP ON INFORMATION SECURITY



**Dr.Indrapriyadharshini J, Mrs. Ananthi K,Mrs. Kannaki S, faculty members of MCT, have participated in an online Faculty Development Programme on “Information Security: Analytics Tools, Use Cases and Demo” conducted by School of Electronics Engineering (SENSE)VIT, Chennai on 5<sup>th</sup> and 6<sup>th</sup> August 2022 .**

## IT|INFOSYS CERTIFICATION



**Dr.S. Durga**, Associate Professor, Department of **Information Technology** has successfully completed a certificate course on **“Artificial Intelligence: Types of Artificial Intelligence”** certified by Infosys.

## CSE| CLARIVATE CERTIFICATION

**Dr.K.Ramesh**, Professor, Department of **CSE** has successfully completed a course on **“Journal Citation Reports Certificate”** by Clarivate.



# CSE|FDP ON INFORMATION SECURITY



Dr.T.LathaMaheswari, Ms. G. Renugadevi, Ms.V.R.Azhaguramyaa, faculty members of CSE have participated in the Faculty Development Program on **"Information Security: Analytics, Tools, Use Case and demo"** organized Vellore Institute of Technology during August 5<sup>th</sup> and 6<sup>th</sup> 2022.

# CSE|WORKSHOP ON DESIGNING AND MODELLING OF IOT,AI&ML SYSTEMS



Dr.T.LathaMaheswari, Associate Professor,Department of CSEhasparticipated in the Workshop on “Designing and Modelling of IoT,AI&ML Systems” organized AICTE, ATAL Academy during August 1<sup>st</sup> to August

## WRITE IT RIGHT

LAWYER	ATTORNEY
<p>Lawyers are legal professionals who are trained in the law. Such professionals might offer legal guidance to another, or might not.</p>	<p>Attorneys are also lawyers. They are people who attend law school and presumably wish to practice law as a legal professional, pursuing it as a profession.</p>
<p><b>Examples</b></p>	<p><b>Examples</b></p>
<ul style="list-style-type: none"> <li>• Her <u>lawyer</u> made a statement outside the court.</li> <li>• We employed a <u>lawyer</u> to straighten our legal tangle.</li> <li>• Have you consulted your <u>lawyer</u> about this?</li> <li>• I advise you to withdraw your allegation before I contact my <u>lawyer</u>.</li> <li>• He was the only <u>lawyer</u> who would touch the case.</li> </ul>	<ul style="list-style-type: none"> <li>• She was made her father's <u>attorney</u> when he became ill.</li> <li>• As an <u>attorney</u>, he represented the poor free of charge.</li> <li>• <u>Attorney</u> Robert Rivas answers yes to both questions.</li> <li>• The car seller agreed to escrow the sum of \$2000 with her <u>attorney</u>.</li> <li>• In November, the millwrights' local voted to hire me as their <u>attorney</u>.</li> </ul>

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## CONFERENCE PRESENTATION



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## ECE | CONFERENCE PRESENTATION



**Dr.S.Sasipriya,** Professor,  
Department of **ECE** has  
presented a paper titled  
**"Generation and  
Implementation of Random  
Number Architecture using  
Difference Expansion for  
Digital Circuits"**, in the  
Intelligent Computing,  
Instrumentation and Control  
Technologies (**ICICICT-2022**)  
organized by VimalJyothi  
Engineering College, Kannur.

## ECE | CONFERENCE PRESENTATION

**Ms. Priyadharsini. K and Mr.  
Dinesh Kumar J R,** Assistant  
Professors, Department of **ECE** has  
presented a paper titled  
**"Improving Visibility of Image –  
Underwater by Modeling of  
Backlight and Optimization of  
Transmission Map"**, in the  
International Conference on  
Electronics and Sustainable  
Communication System (**ICESC  
2022**) organized by Hindustan  
College of Technology, Coimbatore.

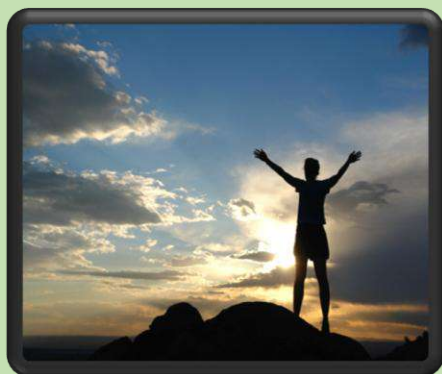


## ECE | CONFERENCE PRESENTATION



**Ms. Asha Banu S.M**, Assistant Professor, Department of **ECE** has presented a paper titled "**An ACL Injury prediction device for Athletes using Bluetooth and Wi-Fi mesh**", in the International Conference on Electronics and Sustainable Communication System (ICESC 2022) organized by Hindustan College of Technology, Coimbatore.

## WORD OF THE WEEK: ACME



**Meaning of the word:** The summit, the highest point. When something is at its best

**Acme in a Sentence:**

- He was the very perfection and **acme** of caution.
- His work is considered the **acme** of cinematic art.
- The team reached its **acme** when it won the national championship.



## STUDENTS' CORNER



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## STUDENT CORNER| 5G IN INDIA

### After years of waiting, India is finally getting 5G!

During the Independence Day, **Prime Minister Narendra Modi Ji's** speech featured the **launch of 5G** services in India. He said that the **"wait for 5G"** is over. **Airtel's** CEO Gopal Vittal recently confirmed that they would roll out 5G services during the month of August, in partnership with big tech companies such as Samsung, Nokia, and Ericsson. **Reliance Jio's** Chairman, Akash Ambani, recently claimed that the "Azadi ka Amrit Mahotsav" will be celebrated with 5G rollout across India. While Jio didn't launch it on August 15, it is expected to happen soon, considering the claims they have made. The companies are first expected to roll out 5G on a pilot basis in select cities. The Prime Minister is said to officially launch the 5G network during the **India Mobile Congress (IMC)** on **September 29<sup>th</sup>**. Out of approximately 72000 MHz, **71%** of the designated frequencies has been sold in an auction to all the big names. The one and only company to buy the 700 MHz frequency, the best among the low frequencies, is Jio.

The 800 MHz and 900 MHz frequencies were bought by Airtel and **Vi**. The network speed will be a bit better, but coverage will be shorter, limiting performance. All companies have bought higher frequencies too, for small area **LAN** and **PAN** applications, as speeds will be higher, but the range will be drastically lower. 5G is **exponentially faster** and **efficient** than the existing 4G network. Every citizen with a device that can support 5G bands will be able to shift to a 5G network

**D Vedha Leo Aadhithya III**  
**M Tech CSE**

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*"Engineer's Day Celebration 2022"*



*Cordially invites you for the Guest Lecture on*

### **Effective and Optimal Structural Design**

*Speaker:*

*Er B Kamaraj*

*Structwell - Structural Consultant,  
Coimbatore*



*Date : 26.08.2022*

*Time : 03.00pm*

## CIVIL|UPCOMING EVENT



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Civil Engineering Association  
(CEA)

&



Institution's Innovation Council  
(IIC)

Organizes a Guest Lecture on

**“Transport Demand Management - How  
to reduce congestions and make the  
transport system more efficient”**

by

**Dr. Andreas Rau,**  
Faculty Head and Principal Investigator  
(Rail, Transport & Logistics),  
Technical University of Munich Asia,  
Singapore



**30th August 2022  
(Tuesday)  
10.00 - 11.15 AM**