SKCET Buzz

24th - 30th September 2022

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Principal

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Ms.N.Pooranam – CSE,
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TOP 4

We did it!

INSIDE THE ISSUE

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INSTITUTIONAL ACCOLADES

# SKCET | COUNSELLING 4th PLACE

Computer science, allied programmes score well in first round of counselling

Rundown on counselling

Computer Science Engineering (CSE) and related courses were in high demand during the first round. Of the 10,340 seats allotted, 5,630 **(54.4 %)** were in CS and related fields
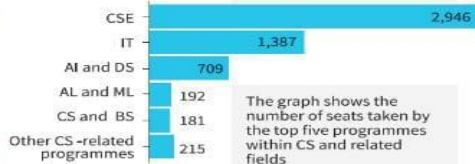
Top programmes
The graph shows the five courses that were in top demand and their percentage in the total number of seats allotted

Course	Percentage
CS, related	54.4%
ECE	17%
EEE	7.1%
ME	5.1%
CE	2.2%
Others	14.2%
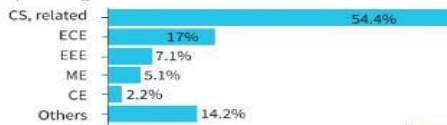
Top five in CSE
While Computer Science Engineering remained the most preferred choice among the CS and related courses, Artificial Intelligence (AI) and Data Science, and AI and Machine Learning had many takers too
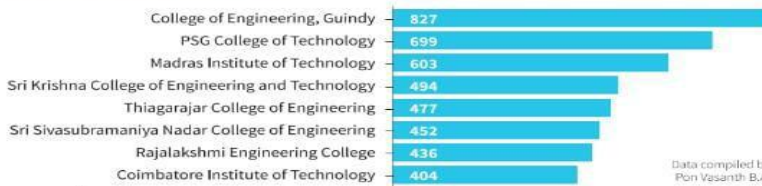
Programme	Seats
CSE	2,946
IT	1,387
AI and DS	709
AL and ML	192
CS and BS	181
Other CS-related programmes	215

The graph shows the number of seats taken by the top five programmes within CS and related fields

College-wise comparison

Of the 446 colleges that took part in the counselling, 327 colleges saw at least one seat taken in the first round of counselling. The graph shows the colleges where more than 400 seats were taken

College	Seats
College of Engineering, Guindy	827
PSG College of Technology	699
Madras Institute of Technology	603
Sri Krishna College of Engineering and Technology	494
Thiagarajar College of Engineering	477
Sri Sivasubramaniya Nadar College of Engineering	452
Rajalakshmi Engineering College	436
Coimbatore Institute of Technology	404

Data compiled by Pon Vasanth B.A.

Source: TNEA | IT – Information Technology, CS and BS - Computer Science and Business Systems, ECE - Electronics and Communication Engineering, EEE - Electrical and Electronics Engineering, ME - Mechanical Engineering, CE - Civil Engineering

R. Sujatha
CHENNAI

At the end of the first round, more than half of the candidates who participated in the Tamil Nadu Engineering Admissions (TNEA) 2022 single-window counselling have chosen Computer Science Engineering (CSE) and allied courses.

This is true of all categories – vocational, academic and government school students – who contested for the preferential quota seats. The candidates have opted largely for core CSE instead Artificial Intelligence (AI) or Machine Learning. Civil Engineering had taken a beating with just 2.1% of seats (226) being filled in contrast to 2,946 seats in CSE or 1,753 in Electronics and Communication Engineering (ECE).

As many as 1,387 candidates have chosen Information Technology (IT) while 736 have opted for Electrical and Electronics Engineering (EEE). More candidates have chosen AI and Data Science over Mechanical Engineering, which was selected by only 528 candidates. The desire for dream packages for their children is the reason parents push them to opt for CSE, said Jayaprakash Gandhi, independent consultant.

Dull numbers
Anna University's regional campuses weren't in demand. "Anna University must improve infrastructure in its regional campuses as well," Mr. Gandhi said. On Wednesday, TNEA released the tentative allotment for the second round of candidates. They are expected to confirm before 5 p.m. on Thursday to be eligible for provisional allotment of seats.

M CB-CBE
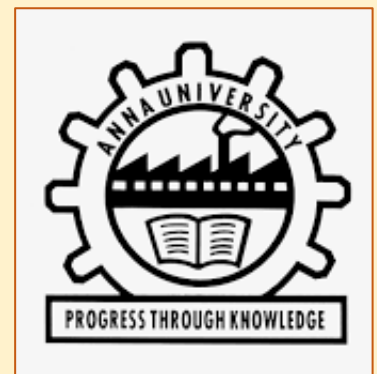
SKCET has grabbed **4th position** in the first round of Counselling (Seat filling) in Tamilnadu, as printed in the Hindu Newspaper on 29.9.2022

SKCET | EXPERT COMMENTS

Hearty congratulations prof balakrishnan. This is the fruit of relentless effort by you and team over last several years. At this rate, you may no 1 or no 2 soon. Best wishes. 👍🖐

Mr.Asoke Das Sarma,
Vice President – Transformation,
Consulting and Change
Management,
Tata Consultancy Services,

Excellent 👏
Congrats to you and your team and Management.
💐💐

Mr.Stephen Dinakaran
HR, TCS.

Congrats Mam
You and your team
deserve this

Mr.Rajkumar, virtusa

Hearty Congratulations

Dr. Pethuru Raj, Chief Architect and Vice President, Reliance Jio Platforms Ltd, Bengaluru

Thank You!

SKCET | EXPERT COMMENTS

**Mr.Lakshminarashiman,
Head HR,
Brakes India**

Hearty Congratulations

Alumni

Mr. Dhanasekaran
Apple (India)
Bengaluru

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INSTITUTIONAL EVENT

SKCET | YOUTH TALK 2K22

The Regional **Pre-finals** of **ICT Academy's Youth talk 2022** was hosted by **SKCET** on 28.9.2022. Principal Madam, Dr. J. Janet, with a team of eminent jury members from various institutions presided over the event. **Mr.K.A Vijayan**, Head - Academic Operations ,Discussed the evaluation criteria with the jury members along with **Mr.V.Alagiri,** State-Head ICT Tamilnadu/Pondicherry and **Mr.H.Anand**, Product Manager ICT Coimbatore. Top 100 young aspirants from various Regional Institutions was awarded with participation certificate.

NAVARATRI GOLU AT SKCET

Dedicated **Rituals of Worship** was witnessed at **SKCET** as the almighty was thankfully revered for the immense blessings received by everyone in this educational profession. SKCET was adorned with a festive look with pomp and gaiety with dolls arranged according to the tradition and religious faith. The campus was filled with an aura of spiritual bliss and peace. This holistic celebration was organized at the **Venkatram Learning Center** .Devotional bhajans were also sung by the students in honour of the Goddess from various departments.

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HACKATHON ACCOLADES

HACKATHON

IT| KG HACKFEST

Student team from the Department of **IT** has competed among 300+ participants at **KG HACKFEST**, Coimbatore on 14.09.2022 organized by KGiSL and has won **Second prize** with a cash reward of Rs. 7000/-.

Team Members:

- Rishikesh II IT C
- Sri Vatshan III IT C

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STUDENT PROGRESSION

EEE | FLUID HACKATHON

Second year student team of **EEE** Department has won **Second Prize** in the **'Fluid Hackathon'** organized by EKKI International Water Technology Centre (EIWTC), at KPR Institute of Engineering & Technology, Coimbatore on 23.09.2022.

Project Title: Smart Water Irrigation using AI
Team Members:
K. Ajay - II EEE A
S. Aarthika - II EEE A
R. Karishma - II EEE A
H. Muhammad Abrar - II EEE A

Faculty Mentors:
Ms.T.Malini, AP/EEE
Mr.R.Kavin, AP/EEE

EEE | WHAT THE HACK
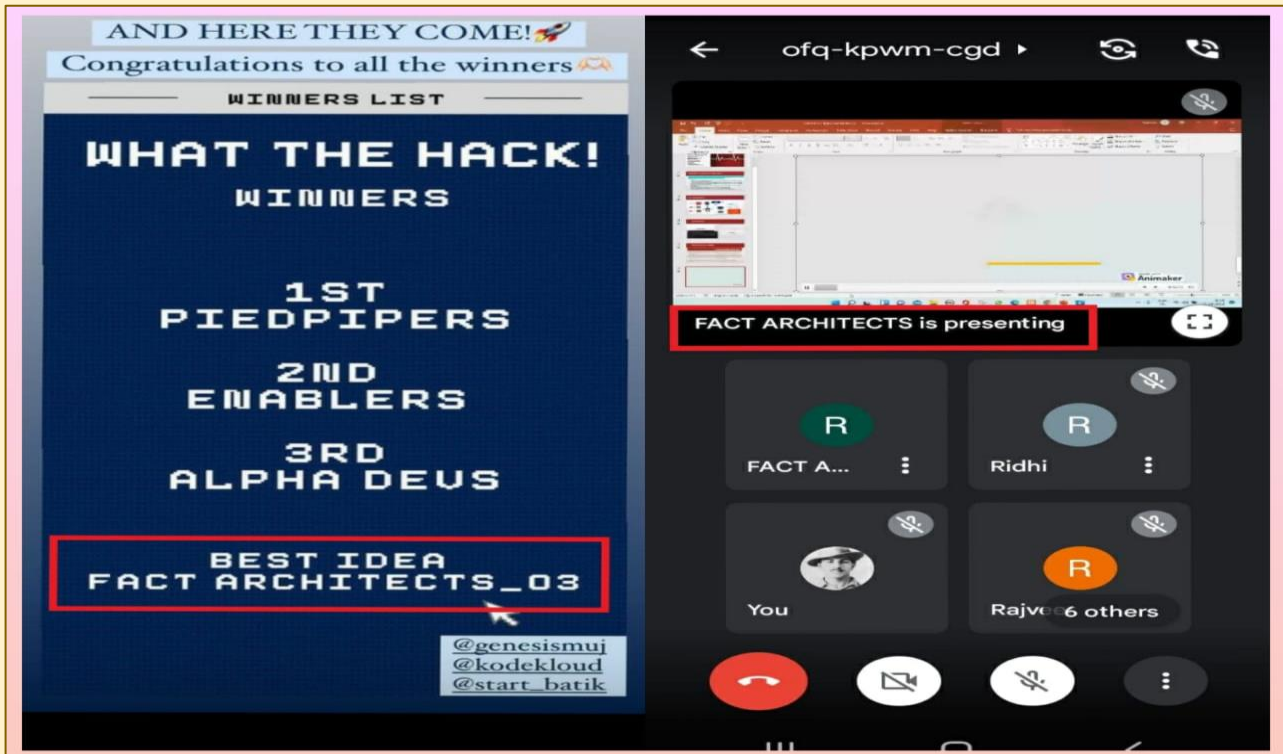
Student team from the Department of **EEE** has won the **Best Idea** award under Open Innovation category with a Cash Prize of **Rs.5000**/- among 100 different teams at IEEE SB - What The Hack event organized by Manipal University, Jaipur during 09.09.2022 to 11.09.2022.

Project Title: Smart Life Tracking Device

Team Name: Facts Architects_03

Team Members:
1. S.Ramshi - III EEE B
2. C.Ramya - III EEE B
3. S.Madhubalan - III EEE B
4. Kavi RaamPranau - III EEE A

Faculty Mentor:
Dr. P.Vinoth Kumar, Associate Professor/EEE

IT| NATIONAL LEVEL PROJECT CONTEST

Student team from the Department of **IT** has won **First prize** in the **National Level Project Contest** conducted by Sri ManakulaVinayagar College, Madagadipet, Puducherry on 15.09.2022.

Team Members:

- Sri Vatsan V
- Vasanth Kumar G
- Suhan T
- Rishikesh S

IT| INDUSTRY TRAINING COURSE

Database Management System, an Industry Training Course was conducted for the **Second** year **IT s**tudents. Rizwan, Abhishek, students of IT department won the Star Performer award from the Iamneo team.

DO YOU KNOW?

Unique Knowledge

The eye muscles are the most active muscle in the body, moving over 100,000 times a day.

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STUDENTS CERTIFICATIONS

M.Tech. CSE | UPSKILL WITH EDUONIX

Prem Kumar R, student of **Final** year **M.Tech. Computer Science and Engineering** has Completed the course "**Be a White Hat Hacker and Pen Tester"** conducted by Upskill with Eduonix on 22.09.2022.

SOM | YOUTH TALK- PARTICIPATION

Students from **School of Management** enthusiastically participated in the **Youth Talk Regional Pre Finals 2022** conducted by **ICT Academy** and **twenty participants of SoM** were awarded with participation certificates.

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EVENTS

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MECH| WEBINAR ON DIGITAL MANUFACTURING
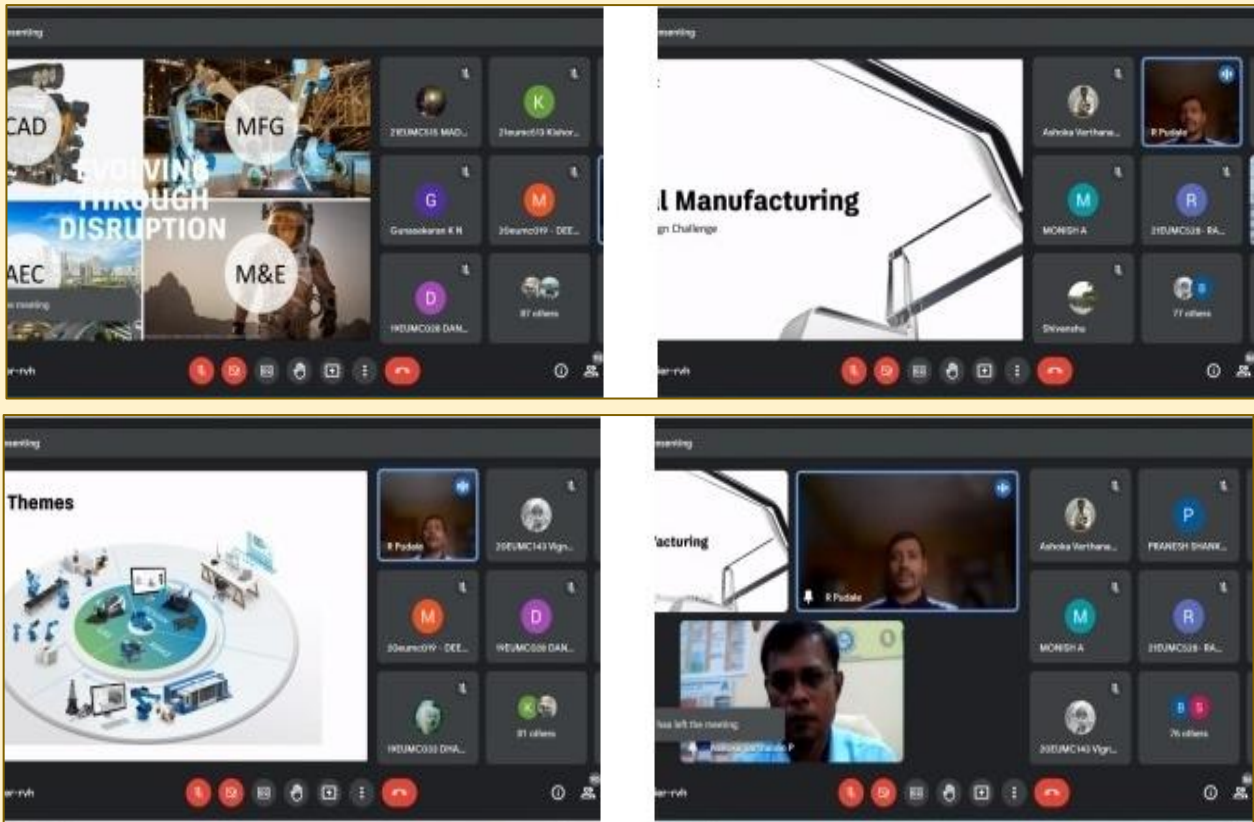
Association of **Mechanical Engineers** organized webinar on **'Digital Manufacturing'**on 24.09.2022. **Dr. Ramesh Shankar,** Program Manager - Autodesk was the Resource Person. Students of Mechanical Engineering Department participated in this event. The current trends in manufacturing industry, scope of digitalization in manufacturing industry and Autodesk Fusion 360 Design challenge were some of the session highlights.

MECH| AWARENESS AND JOB OPPORTUNITIES OF MEP DESIGN

Department of **Mechanical Engineering** organized a Guest Lecture on '**Awareness and Job opportunities of MEP Design for Mechanical Engineers'**. Resource people from Aghora Groups Handled the session. The job opportunities in Mechanical, Electrical and Plumbing design were the pointers of discussion.

EEE| YOUNG ENERGY PROFESSIONALS - SCOPE & OPPORTUNITIES

As a Part of **Energy Audit Cell activity**, the Department of **Electrical and Electronics Engineering** organized a Guest Lecture on **Young Energy Professionals - Scope & Opportunities**on 27.09.2022 for the Pre-final year EEE students.
Resource Person:
Dr.S.R.Sivarasu, Energy Auditor, Coimbatore.
Session Highlights:

- Audit Parameters
- Excess Demand Charges
- Smart Metering
- Opportunities of Conservation through E-Vehicles
- Power Factor Correction using Supercapacitors

SKCET Energy App, a mobile app developed by the students' team was highly appreciated with merit certificates.

MCT|FACULTY SEMINAR SERIES # 19

Department of **Mechatronics Engineering** has initiated the **Faculty Seminar Series** as a knowledge-sharing session for the benefit of the faculty members. **Dr.J.Indirapriyadharshini,** Assistant Professor of **MCT** shared her views on the topic **"Conventional Control Methods to Modern Control Methods – A Historic Review"** on 24.09.2022.

Highlights of the seminar:

- ➢ History of Control System.
- ➢ Control system design procedure
- ➢ Different types of controllers and its applications
- ➢ Future of control systems

CIVIL| OUTSIDE CLASS LEARNING EXPERIENCE

Third year **Civil Engineering** students visited the **Nivasan Udhyana construction site** as a part of Outside Classroom Learning Experience for the subject "Design of Reinforced Concrete Structures" (DRCS)" on 24.09.2022.**Mr. A. Jesudass** and **Dr. S. Ramakrishan** faculty members of Civil Department accompanied the students.

Key Learnings :

1. Beam, Slab and column reinforcement requirement.
2. Post tensioning of slab
3. Porotherm blocks - Its significance in thermal comfort
4. Different types of RCC stiarcases
5. In situ concrete batching and its quality control
6. Formwork requirements of structural elements.

IT| PROJECT EXPO

Department of **Information Technology** conducted a project expo as a part of Engineer's Day celebration. Around 85 students participated in the expo and enthusiastically pitched the ideas and demonstrated their project findings before the panel members. **Dr.S.Oswalt Manoj**, Assistant Professor, **CSE** and **Dr.G.Ignisha Rajathi**, Associate Professor, **CSBS** were the Evaluators of the Project Expo'22.Panel members appreciated the innovative ideas and solutions presented. Winners were awarded with cash prizes.

S.No.	Prize	Name of the student
1.	First	Yuvan Sankar, Sadhashivam, Varun, Sidharth
2.	Second	Shanmugam, Vinoth M, Vasanth, Shankareshwara
3.	Third	Jaivignesh, Gomathi, Devasharshan, Hariharan

ECE | UAV & UGV CLUB INAUGURATION

Department of **Electronics and Communication Engineering** inaugurated **UAV & UGV Club** on 22.09.2022 **Dr. J. Darshan Kumar,** Consultant, Dautya Aerospace Private Limited & Landrotics Solutions, Coimbatore was the Chief Guest. **Dr. Sophia S**, Dean R&D, Accreditation and Ranking, delivered the Special Address on Future of Autonomous Systems.Inaugural address on **"Currents Trends in Unmanned Autonomous vehicles"** was delivered by the Chief guest. Introduction to Unmanned Vehicles, Development of intelligent unmanned vehicles, Developing Nano drones, Drone as a career and start up were the session highlights.

CSE | SEMINAR ON EMERGING TRENDS & FUTURE OF CLOUD AND AZURE DEVOPS

Department of CSE in association with IIC organized a Seminar on "**Emerging Trends & Future of Cloud and Azure Devops**" on **23.09.2022**. **Mr.B.R Yogeshwar,** Senior IOT Analyst, Lennox International, Chennai was the Resource Person. Recent trends in Cloud & emerging technologies of Azure devops and real industry-level use cases, docker & Jerkins working model demo were the session highlights.

AI&DS| VIDEO MAKING CONTEST - USVA ACTIVITY
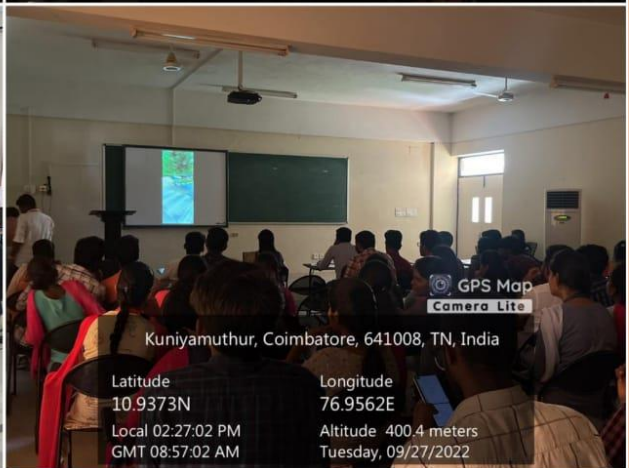
Department of **Artificial intelligence and Data science** conducted **"Video making contest"** in view of celebrating **"World Tourism Day"** on 27.09.2022. Students enthusiastically participated and showcased their creative ideas.

Panel Members:

Dr.S.Venkata Lakshmi , Professor & Head/AI&DS

Mr.M.Manicka Raja , Assistant Professor/AI&DS

AI&DS| WORKSHOP ON THE ART OF MOVING IN AUGMENTED REALITY
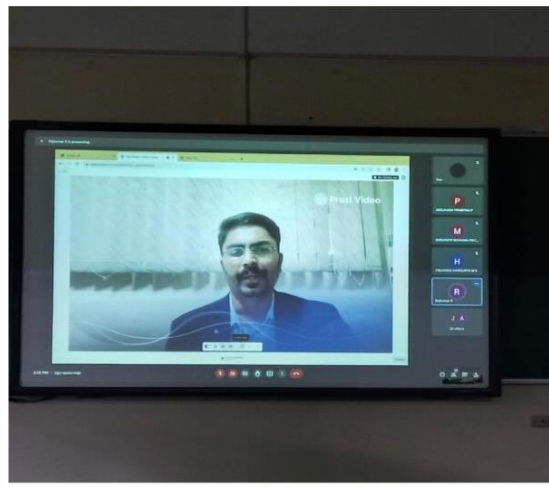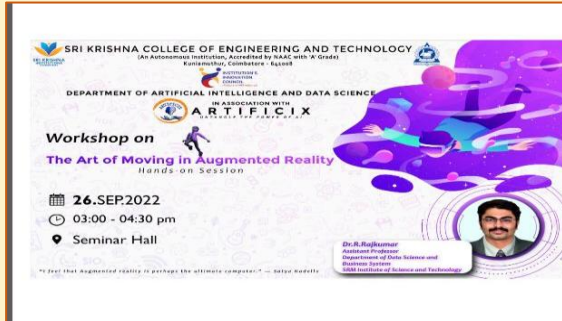
Department of **Artificial Intelligence and Data Science** organized a Workshop on **"The Art of Moving in Augmented Reality"** on 27.09.2022 for the Pre – final year students.

Resource Person: Dr.R.Rajkumar, Assistant Professor, Department of Data Science and Business System, SRM Institute of Science and Technology (SRMIST), Chennai.

Session take-aways:

- Introduction to AR,VR and Mixed Reality
- Highlights of Industry 5.0
- Hands on 2D game development
- Usage of Google cardboard
- Real time applications of AR and VR

CSBS|WEBINAR ON CYBER SECURITY

CSBS SYSTRONS conducted one day workshop for the students of the Department of **Computer Science and Business Systems** on **"Introduction to Docker and Kubernetes – A Hands-on Approach"**on 26.09.2022.

Chief Guest:
Mr. B. Akshay
DevOps Engineer,
Aspire Systems,
Chennai - TN, India.

Session Highlights:
- Virtualisation and Containerisation
- Docker architecture
- Kubernetes
- Pod
- Installation of Docker and Kubernetes
- Nginx

CSE| ANTIRAGGING AWARENESS PROGRAMME

The **Second** and **Third** year students from the Department of **CSE** filled the Anti- ragging form and pledged to make the college **"Ragging free"** and will not be involved in it, either in deed, action or thought in their personal life.

CSE & AIDS| NAVARATRI POOJA CELEBRATION
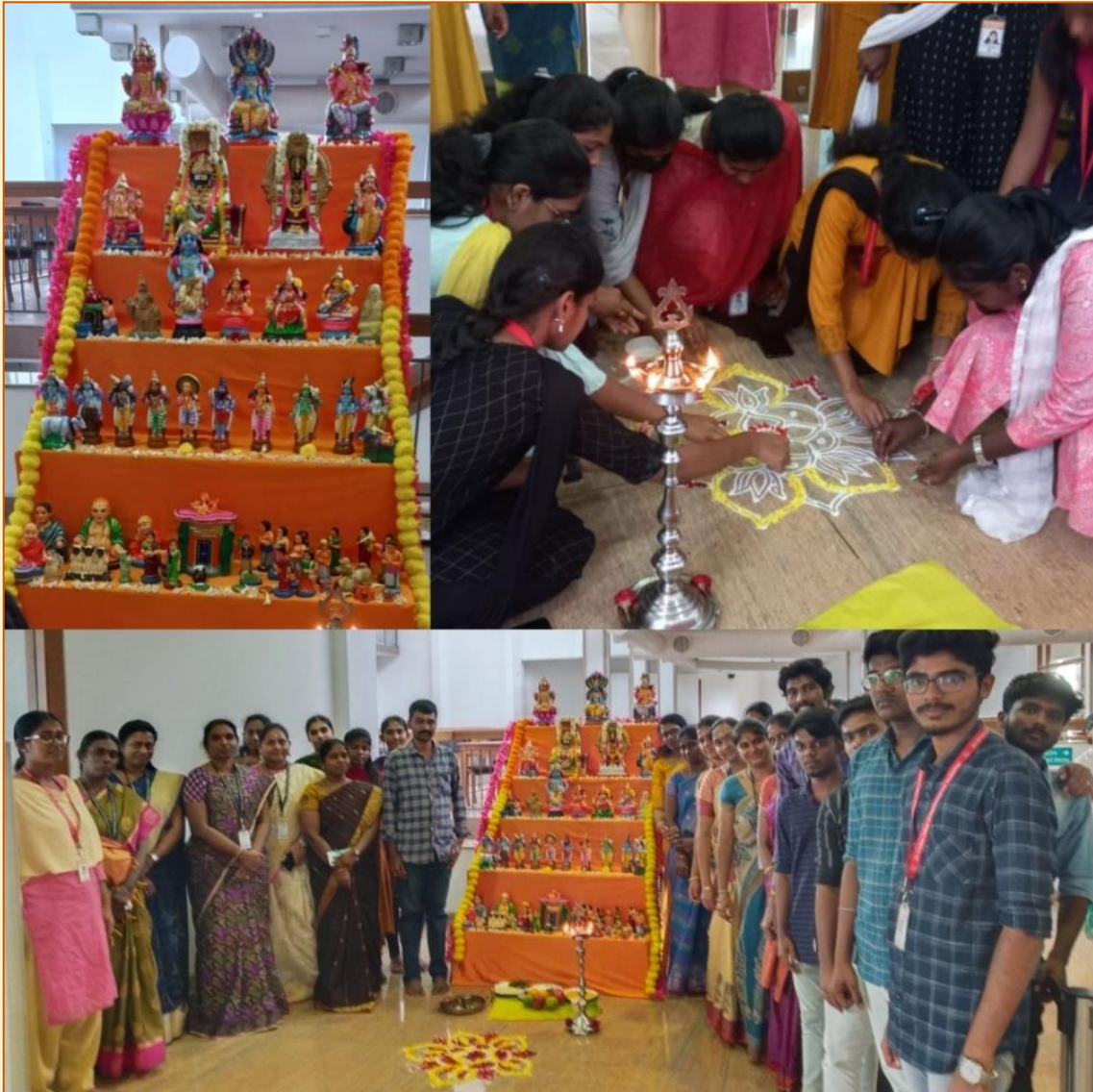
Navaratri Pooja celebration was held on 27.09.2022 in the **Vankatram Learning Centre**. Department of **CSE & AIDS** faculty and students where actively participated in this auspicious event and prayed for the well being of all and smooth functioning of the department.

ECE | ANTI-RAGGING AWARENESS

Third and **Final** year students of ECE Department have filled the Anti-Ragging form and pledged to make Ragging free campus and assured that they will not be involved in ragging either in their personal life or in the college.

ECE | WORLD LITERACY DAY - USVA ACTIVITY

As a part of **World Literacy Day**, **Second** year students of **ECE** Department conducted an awareness campaign on the importance of literacy.

IT| SEMINAR ON MICROSOFT AZURE FUNDAMENTALS

Department of **Information Technology** organized a seminar on **Microsoft Azure Fundamentals** for the **Pre- final** year students on 27.09.2022. **Mr.Jerald Felix**, Microsoft Certified Trainer Analyst at Robert Bosch Software Technologies, Coimbatore was the Resource Person.

Session Highlights:

Cloud Computing Fundamentals

- Introduction to cloud computing
- Deployment models
- Services offered by cloud
- Creation of virtual machine instances
- Github student development pack

MCT/MECH| WORKSHOP ON DESIGN NOW

Third year students of **Mechatronics Engineering** and **Mechanical Engineering** Department attended **Autodesk Fusion 360** a one day workshop on **"DESIGN NOW"** as part of **INDIA DESIGN WEEK2022** challenge organized by ICT Academy.

MECH| WORKSHOP ON DESIGN NOW
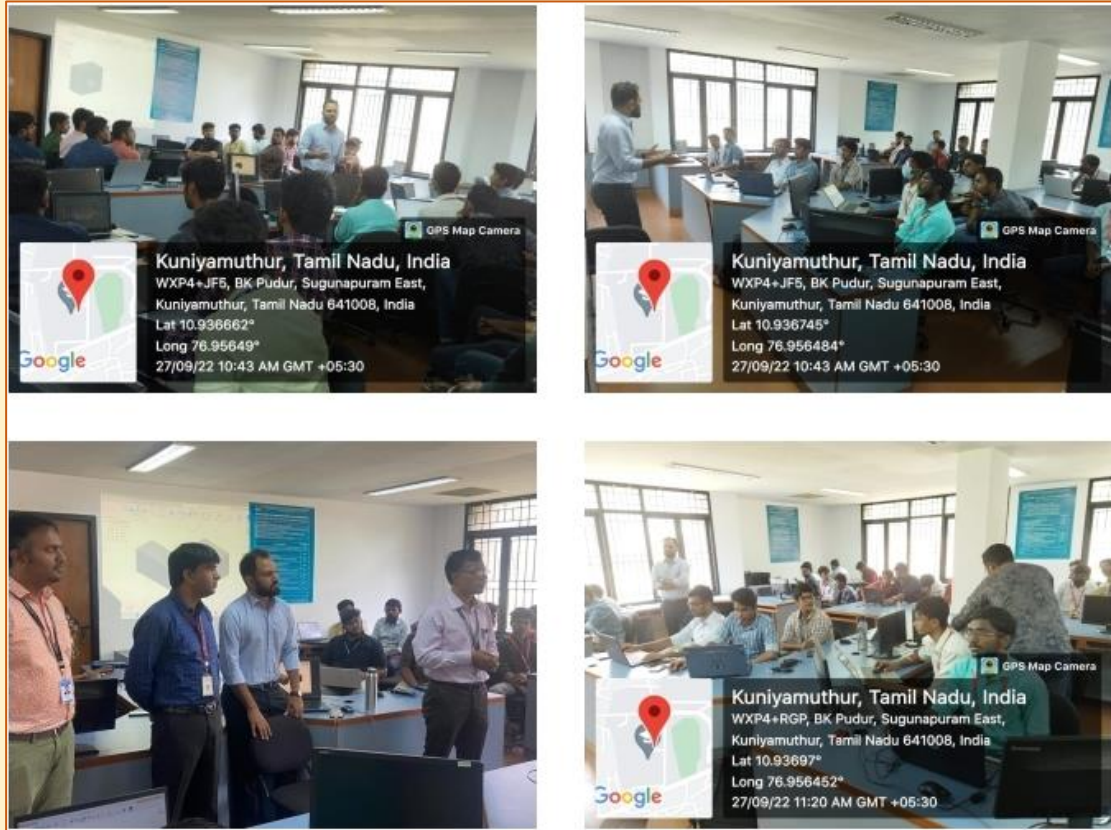
Department of **Mechanical Engineering** in association with **Autodesk Fusion 360** and **ICT Academy** organized a workshop on **'Design Now'** on 27.09.2022. **Third** year Mechanical Engineering students attended the workshop. **Dr. P. AshokaVarthanan**, HoD, **Mechanical Engineering** Department welcomed the gathering and addressed the students on the importance of India Design Week Event. This workshop was organized to offer hands on exposure to India Design Week 2022 Event.

MECH/MBA| COIMBATORE CONNECT 2022

Dr. S. Karthik and **Dr. M. Vigneshkumar**, Assistant Professors, **Mechanical Engineering** and **Dr.Muthu Krishnan**, Assistant Professor, **MBA** participated in the Coimbatore Connect 2022 at The Residency Towers, Coimbatore on 29.09.2022. The conference was organized on the theme **"Transformation for Sustenance".** The conference focused on bringing efficiency in manufacturing operations, building new revenue streams and disrupting healthcare in the post pandemic world.

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ALUMNI CONNECT

SKCET | ALUMNI ASSOCIATION MEETING

Alumni Association of **SKCET** conducted a meeting on 22.09.2022. **Dr.Jayasudha Subburaj** and **Dr.K.C.Ramya**, Alumni Coordinators convened the meeting. The upcoming Alumni Events, activities and Alumni website demonstration was delivered by the students.

SKCET | ALUMNI ASSOCIATION MEETING

SKCET Alumni Coordinators **Dr.Jayasudha Subburaj,** and **Dr.K.C.Ramya** along with core alumni coordinators addressed tutors regarding the upcoming Alumni meet and discussed about connecting alumnus globally through social media platforms like LinkedIn, Facebook and Instagram.

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RESEARCH &

DEVELOPMENT

R&D| BOOK CHAPTER PUBLICATION| EEE

Smart Energy and Electric Power Systems
Current Trends and New Intelligent Perspectives
2023, Pages 79-103

Chapter 6 - Impact of artificial intelligence techniques in distributed smart grid monitoring system

R. Senthil Kumar [1], S. Saravanan [1], P. Pandiyan [2], Ramji Tiwari [3]

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https://doi.org/10.1016/B978-0-323-91664-6.00005-X   Get rights and content

Abstract

The global power sector is undergoing a disruptive evolution due to the incorporation of numerous distributed elements, communication framework, distributed energy supplies, electric vehicles, and advanced metering infrastructure for enlightening reliability, management, and protection of the future power system. These elements are closely interlinked with the Internet of things. They will

Dr.Ramji Tiwari, Assistant Professor, EEE has published a book chapter entitled **"Impact of artificial intelligence techniques in distributed smart grid monitoring system"**in Smart Energy and Electric Power Systems, Book Volume with ISBN:978-0-323-91664-6 published by Elsevier. The DOI of the book is https://doi.org/10.1016/C2021-0-00466-1.

R&D | PAPER PUBLICATION | ECE

Dr.D.Mohana Geetha, Professor, Department of **ECE** has published a Scopus indexed Journal titled **"Early Detection of Breast Cancer in Women Using Wearable Antennas"** in Neuroquantology.

Early Detection of Breast Cancer In Women Using Wearable Antennas

1043

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Abstract –

Breast cancer detection at an earlier stage is crucial in the diagnosis process as it minimizes female's mortality rates and allows for effective therapy. Antennas for imaging, diagnosing, and giving superior treatment to patients, even with small tumor, are becoming more important as engineering medical sciences improve. Since each female's physical structure is unique, flexible antennas are an extremely useful tool for diagnosing malignancies. This paper proposes a novel flexible metamaterial-based wearable textile antenna for early detection of breast cancer. The antenna performance has been analyzed with and without tumor. The performance of a micro strip patch antenna is determined by the antenna element and substrate parameters, as well as the feed configuration utilized. By incorporating metamaterials in the design power consumption is reduced, and efficiency is improved, with very little return loss in the frequency of operation. The analyses for various substrate and conductive fabric materials for the proposed structures is also discussed.Design and simulations are accomplished using CST software.

Key Words – Metamaterial, Tumor, Antenna

R&D | PAPER PUBLICATION | ECE

Dr.S.P.Premnath, Assistant Professor, Department of **ECE** has published an **Anna University Annexure I, SCI** and Scopus indexed Journal titled "**Image tampering detection in image forensics using earthworm-rider optimization**" in Concurrency and Computation: Practice and Experience.
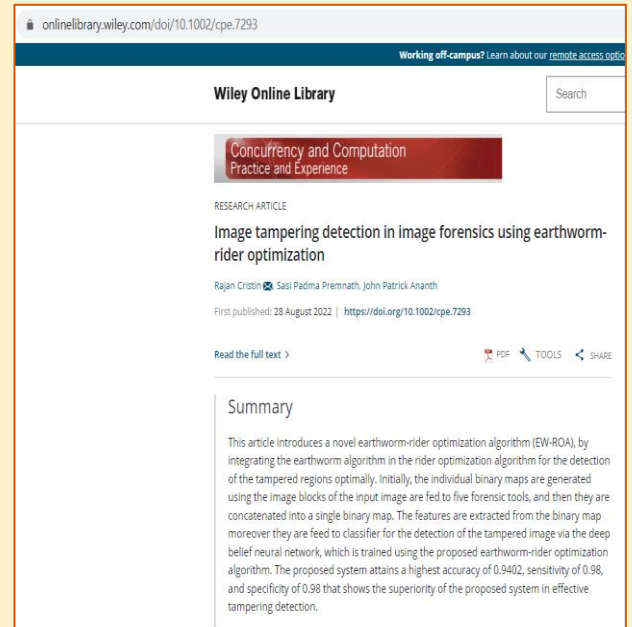
R&D | PAPER PUBLICATION | MCT

Mr.S.Madhankumar, Assistant Professor, **MCT** has successfully published a paper entitled **"Design of Automatic Headlamp Control Using Light - Dependent Resistor Sensors and Night Vision Camera"** in the proceedings of the International conference on Advance Computing and Intelligent Engineering . This is a scopus index publication.

R&D | PAPER PUBLICATION | MCT

Dr.L.Feroz Ali, Assistant Professor**, MCT** has successfully published a paper entitled **"Evaluation of the Polyamide's Mechanical Properties for Varying Infill Percentage in FDM Process"** along with MCT students R Raghul, N Shakil Kanna, Yogesh Muthu Ram and V Harshavardhan Reddy in the Materials Today Proceedings. This is a scopus indexed journal.

R&D | BOOK CHAPTER PUBLICATION| M.TECH. CSE

Dr. D. Prabha, Professor, Department of **M.Tech CSE** has published a book chapter titled "**Automated Vehicle Number Plate Recognition System, Using Convolution Long Short-Term Memory Technique"** in the book "Object Detection with Deep Learning Models Principles and Applications", ISBN 9781032074009, CRC Press.
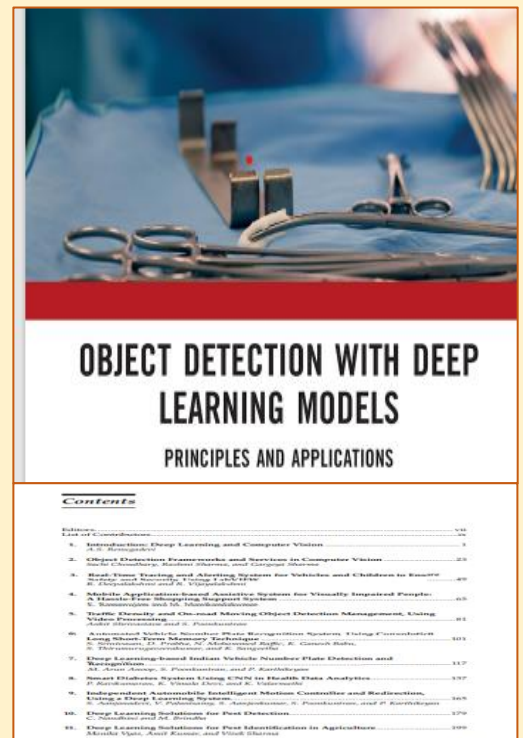
R&D| ARTICLE PUBLICATION| MECH

Effect of Processing Route on the Mechanical and Tribological Behaviour of AA8011 Hybrid Composites

N. Babu[1] · R. Soundararajan[1] · V. J. Santhosh[1] · M. Kamaraj[2]

Abstract In this work, the effect of processing route on physical and tribological properties of cast AA8011 alloy, squeeze cast AA8011 alloy and stir cum squeeze cast AA8011 with 5wt% ZrO_2 & 5wt% Al_2O_3 composite were investigated. Squeeze cast AA8011 alloy shows pore free fine structure when compared to as cast AA8011 alloy. In hybrid composite, ZrO_2 and $Al2O_3$ particles are homogeneously distributed with the matrix due to squeezing effect. Hardness of the hybrid composite is 45% higher than squeezed and base alloy. Pin-on-disc Tribometer is used to study the wear properties of castings produced. Wear rate of the hybrid composite is 60% lower than the as cast AA8011 alloy. Coefficient of friction is also low in hybrid composite compared to other alloys. This is owing to the AA8011 matrix's uniform distribution of reinforcement particles closely bonded with matrix due to applied load acting on the liquid melt. Abrasion and adhesive mode of wear mechanisms were observed in the casted specimens.

Keywords AA8011 alloy · ZrO_2 · Al_2O_3 · SEM

desired properties to meet out the demand [3, 4]. However, poor tribological and mechanical properties are some of the drawbacks that limit its application range [5–7]. To overcome the restrictions mentioned above, researchers all over the world have effectively used discontinuous second phase materials to create matrix composites. Bio-waste material [6, 8–10]. Red mud, burned clay, and other industrial wastes [11], ceramic materials [12–14] will be used as second phase material. Metal matrix composites (MMCs) have dramatically improved its properties by the combination of two different materials [15]. The newly created composites have adequate distinguishing features that are not found in either of the two phases alone. AMMC provides unique properties by blending the reinforcement particles which is not seen in monolithic alloys [16, 17]. Because of its many benefits in the automotive, aerospace, marine, and defence industries, extensive research on AMMCs has increased in recent years [18]. Addition of ceramic particles enhanced the properties of base alloy. Casting technologies such as stir cum

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Mr. N. Babu and **Dr. R. Soundararajan,** faculty members of Mechanical Engineering Department along with **V J Santhosh** – PG student have published a scientific article entitled **'Effect of processing route on the mechanical and tribological behavior on AA8011 hybrid composites'** in the Journal of the Institution of Engineers (India): Series D. It is a Scopus indexed journal.

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TRAINING AND PLACEMENT

PLACEMENT| TESTIMONIAL BY PLACED STUDENTS

SKCET provided us a very enhanced and efficient platform for the exposure to the training and placement. It was not an easy year due to pandemic and getting placed in a top organization was made easy by SKCET. I am grateful to the EEE Department faculty members because of their efforts; I am able to bag a job in the first company I applied for. I am also thankful to the placement cell for providing a chance to enhance my skill and showcase them. The period of time spent by our batch at SKCET was quite less but overall it was a great experience and lifetime memory.

VB NISHANTH- EEE (2023 Batch)

SOLITON TECHNOLOGIES- 8 LPA
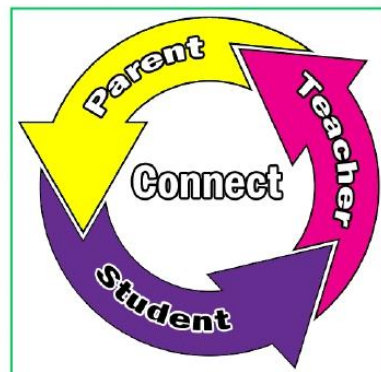
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TUTOR WARD MEETING

Parent
Teacher
Connect
Student

MCT| CLASS COMMITTEE MEETING

Dr.N.Balaji, Professor, **Mechanical Engineering** conducted **Class Committee Meeting** for the **Second** year **Mechatronics Engineering** students on 21.09.2022. The pointers of discussion were: CIA I preparedness, Industrial Training – Attendance and NPTEL exam regarding.
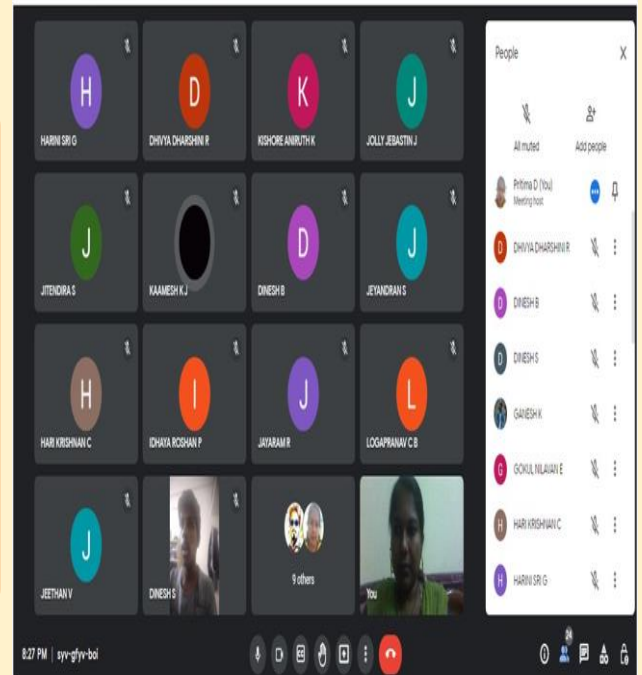
MCT| TUTOR WARD MEETING

Mrs. R.Priyadharshini, Assistant Professor, MCT, conducted **Tutor Ward Meeting** for the Final year students on 27.09.2022. The pointers of discussion were: Placement Training Attendance, Class Feedback, ICT Learnathon Course completion status, CIA Preparedness, Preparation for Wipro Drive Dress Code and Discipline.

MCT| TUTOR WARD MEETING

Dr. D. Pritima, Professor, **MCT** conducted **Tutor Ward Meeting** for **Second** year students on 21.09.2022 via Google Meet. The pointers of discussion were,

- CIA 1 exam preparation
- Industrial Training – Attendance mandatory
- NPTEL exam.

CIVIL| TUTOR WARD MEETING

Tutor Ward Meeting for the **Second** year **Civil** Engineering students was conducted on 23rd September 2022 by **Dr. V. Yogeshwaran** and **Dr. P. Saravanakumar,** faculty members of Civil Department. The following points were discussed in the meeting:

- Classes and labs for the current semester
- Attendance percentage
- Undertaking form for students
- Participation in National competitions and General feedback

CSBS|CLASS COMMITTEE MEETING

Class Committee Meeting for the students of **Second year CSBS** was conducted by **Dr.G. Shobana**, Associate Professor from Department of **Information Technology** on 27.09.2022. The meeting key points were: Preparation for Continuous Internal Assessment Test, Portion completion status, value added courses and participation in various events.

MCT|TUTOR WARD MEETING

Mrs.S.Kannaki, Assistant Professor, **MCT**, conducted **Tutor Ward Meeting** for the **Final** year MCT students on 27.09.2022. The pointers of discussion were: Placement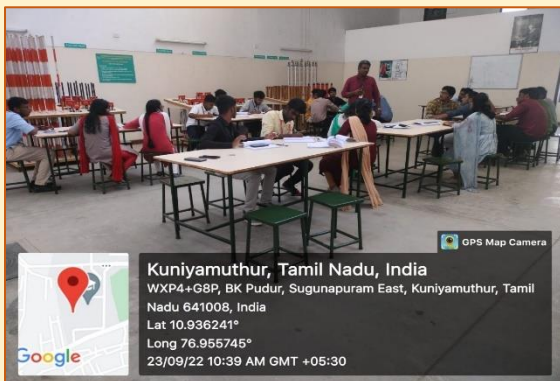 Training Attendance, Class Feedback, ICT Learnathon Course completion status, CIA Exam preparedness, Wipro Drive, NPTEL Assignment Submission and Dress Code and Discipline.
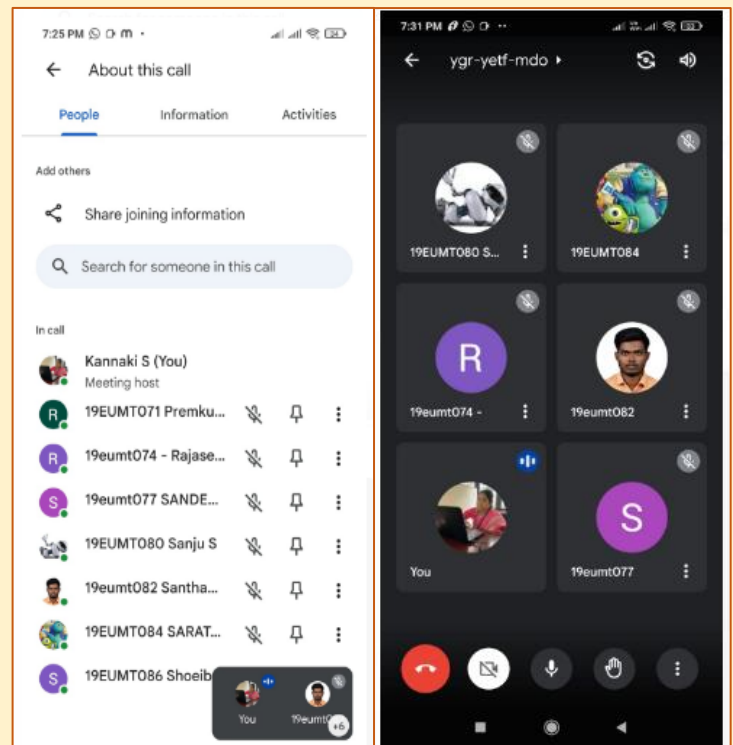
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FACULTY PROGRESSION

CSBS | FDP FACULTY COORDINATOR

Dr. S. Balakrishnan, Professor and Head and **Dr. G.Ignisha Rajathi,** Associate Professor, Department of **Computer Science and Business Systems** coordinated the National level one week Faculty Development Program on **"Amazon Web Services"** from 22.08.2022 to 27.08.2022 organised by **Brainovision Solutions India Pvt Ltd** in association with AICTE, New Delhi**.**
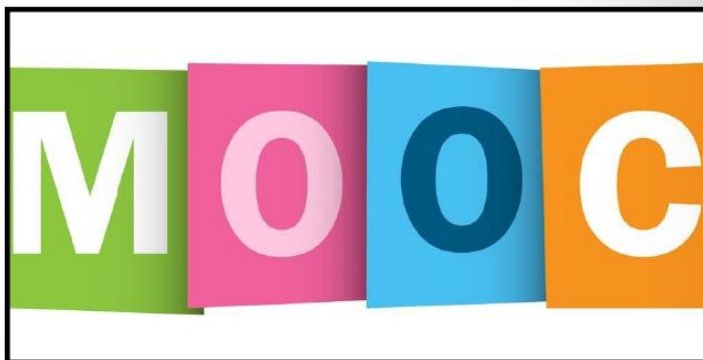
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FACULTY CERTIFICATIONS

MOOC

EEE | FDP ON SMART GRID AND RENEWABLE ENERGY SOURCES
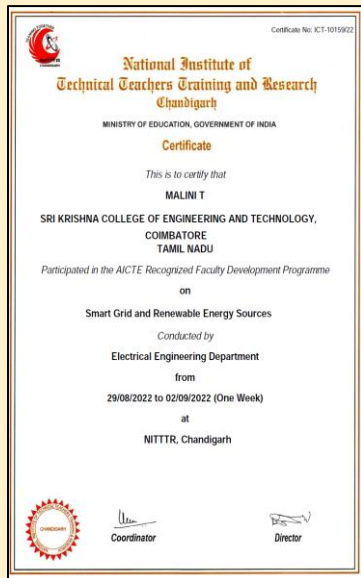
Ms.T.Malini and **Mr.N.Loganathan,** Assistant Professors, **EEE** Department have participated in the Online AICTE recognized Faculty Development Programme on "**Smart Grid and Renewable Energy Sources"** organized by the Department of Electrical Engineering, NITTTR Chandigarh.

IT| COURSERA CERTIFICATION

Dr.A.Kousalya, Associate Professor, Department of **Information Technology** has successfully completed a course on **"Google Cloud Fundamentals: Core Infrastructure"** certified by Coursera.

IT| FACULTY DEVELOPMENT PROGRAMME

Ms.Janani R, Assistant Professor, Department of **Information Technology** has participated in the 3-Days FDP organized by the Programme Monitoring Office Innovation & Entrepreneurship Development Programme from 15.09.22 to 17.09.2022, Anna University Regional Campus, Coimbatore.

IT| FDP ON AMAZON WEB SERVICES

Dr.S.Durga and **Dr.TKeerthika**, Associate Professors,**IT** has participated in the AICTE and BrainoVision India sponsored one week National level FDP on "**Amazon Web Services**" between 22.08.2022 to 27.08.2022.

CIVIL | NAAN MUDHALVAN TRAINING OF TRAINERS

Following faculty members from the Department of **Civil Engineering** attended the **Training the Trainers** program for **Naan Mudhalvan** Scheme at PSG College of Technology. Experts from L&T EduTech provided training on BIM, High Rise Buildings, Steel Structures and Airports & Metro systems. Students can make use of their Naan Mudhalvan login and gain access to the above courses to improve their technical cognizance.

S. No.	Name of the faculty	Name of the Training program
1.	Dr. S. Ramakrishnan	High Rise Building Design
2.	Mr. S. C. Boobalan	Building Information Modelling
3.	Mr. A. Jesudass	Design and Construction of Steel Buildings
4.	Mr. R. Vighnesh	Transportation Infrastructure - Airports, Metros & Seaports

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ECE | NAAN MUDHALVAN FDP ON AUGMENTS REALITY AND VIRTUAL REALITY AND IT'S APPLICATIONS

Dr. ThirumaraiSelvi, Professor and **Mr.Sarath Kumar**, Assistant Professor, Department of **ECE** attended Naan Mudhalvan FDP on "**Augments Reality And Virtual Reality and It's Applications**" at PSG Technical Campus on 20.09.2022. Tele-presence, Remote assistance and Remote computing Digital twin, extended reality and immersive experiences were the session takeaways.

CSE| FACULTY CERTIFICATION

Mr.M.Vengateshwaran and **Ms.G.Renugadevi** Assistant Professors, Department of **CSE** have participated in the one week Faculty Development Program on "**Amazon Web Services**" organized by SKCET, Coimbatore in collaboration with Brainovision Solutions India Pvt. Ltd & AICTE during August 2022.

SOM| FDP ON DATA ANALYTICS USING R PROGRAMMING

School of Management organized **Five day Faculty Development program on "Data Analytics using R Programing"** from 05.09.2022 to 13.09.2022.

Session Highlights: Day 1: Understanding R: The Environment handling data using R including cleaning, coding and manipulation
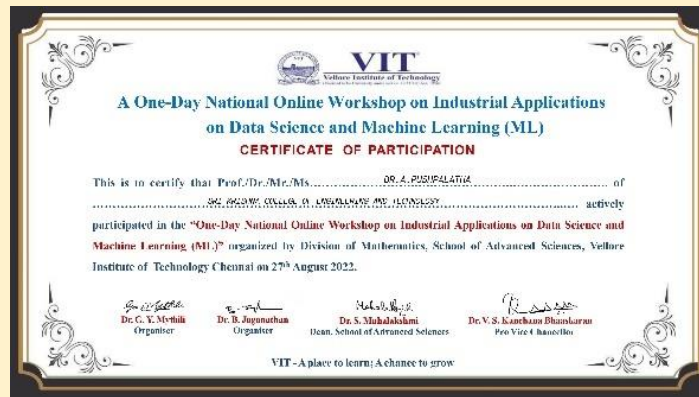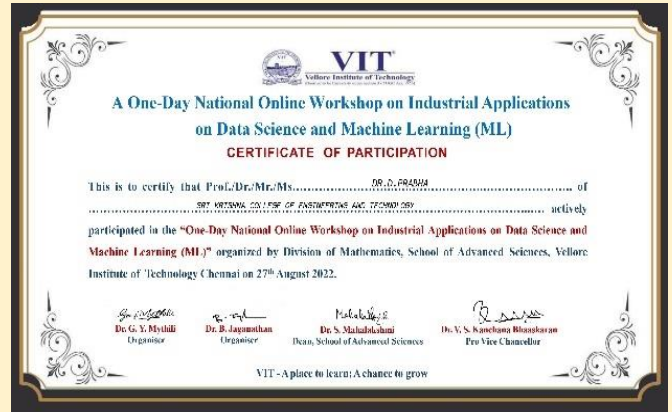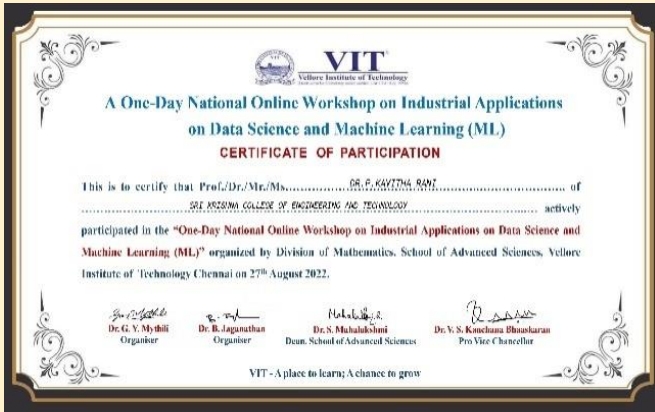
Day 2: Exploratory Data Analysis in R, Creating graphs and plots in R and Advanced Data visualization in R

Day 3: Inferential Statistics, T-Test and ANOVA in R

Day 4: Correlation and Simple Linear Regression in R and Logistic Regression in R

Day 5: Case Study - Sentiment Analysis in R, Market Basket Analysis

M.TECH. CSE | NATIONAL ONLINE WORKSHOP

Dr.P.Kavitha Rani , Professor and Head **, Dr.D.Prabha ,** Professor and **Dr.A.Pushpalatha ,** Associate Professor Department of **M.Tech. Computer Science and Engineering** have participated in the **"One day National Online Workshop on Industrial Applications on Data Science and Machine Learning (ML)"** organized by the Division of Mathematics , School of Advanced Sciences , Vellore Institute of Technology Chennai from 27thAugust 2022.

IT| AMAZON WEB SERVICES

Dr.S.Deepa Kanmani and **Ms.Sruthi Anand ,** Assistant Professors, **IT** has participated in the AICTE and BrainoVision India sponsored one week National level FDP on **"Amazon Web Services"** between 22.08.2022 to 27.08. 2022.

IT| IEEE YESIST12

Dr. T. Keerthika, Associate professor, **IT** has been the mentor in **"IEEE YESIST12 2022"**for the project ZETA by the **Third** year students IT Department.

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CONFERENCE PRESENTATION

ECE | CONFERENCE PARTICIPATION

Dr. D. Mohana Geetha, Professor, Department of **ECE** has participated in **Ansys Academic Innovation Conference 2022** held at Tango – 2, Taj Vivanta, Conference conducted by ARK Infosolutions Pvt, Ltd on 16.9.2022.

DAYS OF OBSERVANCE

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EEE | CAMCURVES

Mr.R.Kavin
AP/EEE