

SKCET Buzz



12th - 16th December - 2022



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Principal

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Mr.Diwakaran M – IT

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INSTITUTIONAL EVENT



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SKCET - PEGA UNIVERSITY PROGRAMME LAUNCH



Our beloved Principal Madam **Dr.J.Janet** along with the **Academic Leadership team** welcomed the experts of **Pega Systems** and had a fruitful interaction regarding the best practices of SKCET.

SKCET- PEGA UAP LAB INAUGURATION



SKCET - Pega University Program
Learning Hub

Inaugurated by
Mr. Sarada Prasanna Satapathy
Sr. Manager - Technical Enablement & University Program - Pegasystems

Dr. C. Giridaran
Senior Director - NSE TalentSprint

Presided by
Smt. S. Malarvizhi
Chairperson & Managing Trustee, Sri Krishna Institutions

Sri. K. Adithya
Trustee, Sri Krishna Institutions

In the Presence of
Dr. J. Janet
Principal, SKCET

15th December 2022



SKCET to bridge the gap between industry and academia has inaugurated the Pega UAP – Learning Hub to establish and attest that individuals have the appropriate skills in cutting-edge technologies and to jumpstart their career.

SKCET- PEGA UAP LAB INAGUARATION



SKCET- PEGA UAP LAB INAGUARATION



Experts from **Pega Systems** at the newly inaugurated **Learning Hub** interacted with the students and appreciated them for their great enthusiasm in taking up the course and also motivated students to utilize the wonderful opportunity.

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



To venture into a long lasting academic relationship between **SKCET** and **Pega Systems**, a Memorandum of Understanding has been exchanged to enhance the insightful skills of the student fraternity.

Coming together is a beginning, staying together is progress and working together is success!!

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



Our Principal Madam **Dr.J.Janet** welcomed the acclaimed dignitaries to the earmarked event - The signing of the Memorandum of Understanding between Sri Krishna College of Engineering and Technology and Pega Systems!

Principal Madam placed on record her sincere thanks to our Respected Chairperson Madam for giving the platform of encouragement and support that enables us to take the Institution forward.

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



Dr. Giridharan C, Senior Director, Talent Sprint, addressed the students on the benefits of taking up the Pega University Program.

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



Mr. Sarada Satapathy, Senior Manager, Technical Enablement and University Program, Pega Systems ignited the students by taking them through the different key points that Pega Systems has designed to adapt in an ever changing world with a vision to change the way world builds software.

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



The forum was left open for the students to have a healthy discussion with the experts from Pega Systems. The students fraternity interacted with the experts with great enthusiasm and had their doubts clarified regarding the program.

SKCET - PEGA SYSTEMS - MoU EXCHANGE CEREMONY



Vote of Thanks by Dr.Jayasudha Subburaj, Placement Officer, SKCET.



SKCET - PEGA SYSTEMS - MoU EXCHANGE GLIMPSES



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STUDENT ACCOLADES



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S&H | SEPAK TAKRAW - CHAMPIONSHIP



Spectacular achievement in Sepak Takraw, **Ajay Shanmugam S**, student of **First year EEE A** has represented Tamilnadu in the 26th Junior National, **Sepak Takraw** Championship and has won **Bronze Medal**. The event was held at Pataliputra Sports Complex, Bihar from 5.12.2022 to 10.12.2022.

CIVIL | FOOTBALL TOURNAMENT



Second year student **M.Dheenadhayalan**, has participated and secured **3rd place** in Anna University Zonal Football Tournament held at Karpagam College from 17th to 19th November 2022. He has also participated in the Anna University Zonal **Athletic Meet** and has won the Silver medal in the 4 x 100 Relay race and Bronze Medal in the 4 x 400 Relay held at SKCT from 28th to 29th November 2022.

CIVIL | MARATHON



Third year Civil Engineering students **G.Ugesh, M.Sanjay, Srikanan, and S.Suthir** along with **Mr.S.C.Boobalan** and **Mr.A.Jesudass** have participated in the Half Marathon category on 11th December 2022. It was organized by Coimbatore Cancer Foundation and corresponding funds will be used for the welfare of cancer affected kids.

SOM | INTERCOLLEGIATE MEET



First and Second year MBA students have participated in an **Intercollegiate meet Dhruti'2022** at **Sona School of Management**, Salem and have won the **overall championship** with a cash prize of **Rs. 25,000/-** and the winners and runner up had won the cash prize of **Rs 21,000/-** 27 colleges across the state participated in the event and our MBA students from SKCET-SOM have emerged as the winners.

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STUDENT CERTIFICATION



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AI&DS | COURSERA CERTIFICATION



Ajay K, Vijay Ananth M, Geethan K R, Natarajan K students of **Second year AI & DS** have completed the course on **Ethics, Technology and Engineering** Eindhoven University of Technology, offered through Coursera.

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EVENTS



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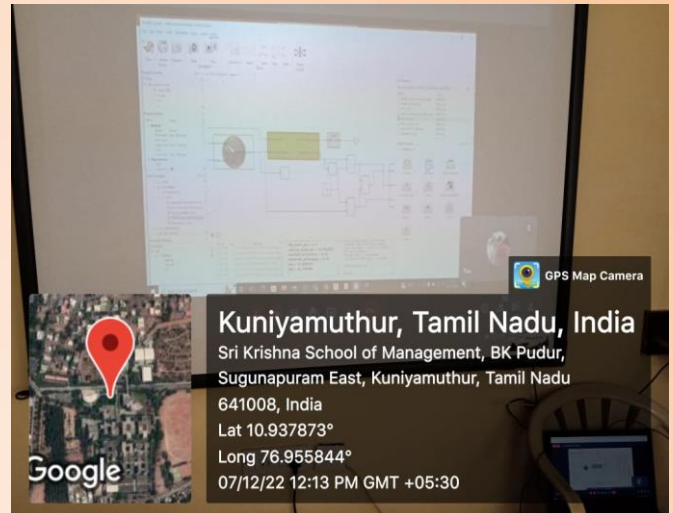
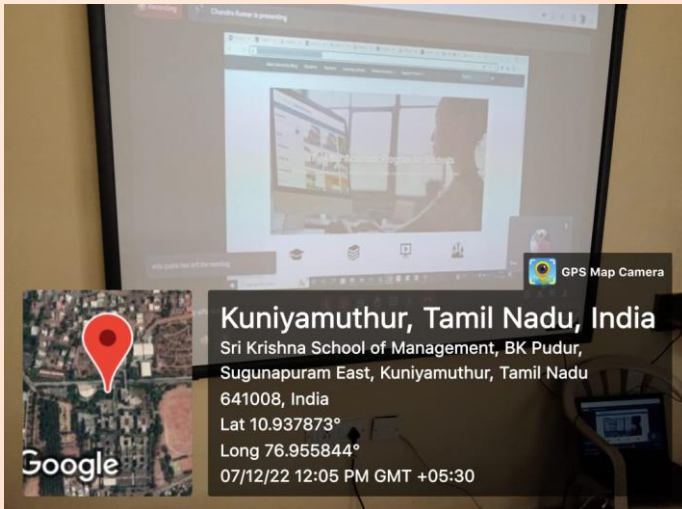


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EEE | NITTTR SHORT TERM COURSE – DAY 3



Department of EEE, as Remote Centre, NITTTR - Chandigarh organizes a five days Short Term Course on '**Research Scope in Electric Vehicles**' from **05.12.2022 to 09.12.2022**. More than 55 faculty members and Research scholars from various disciplines have participated in the STC.

Session 1

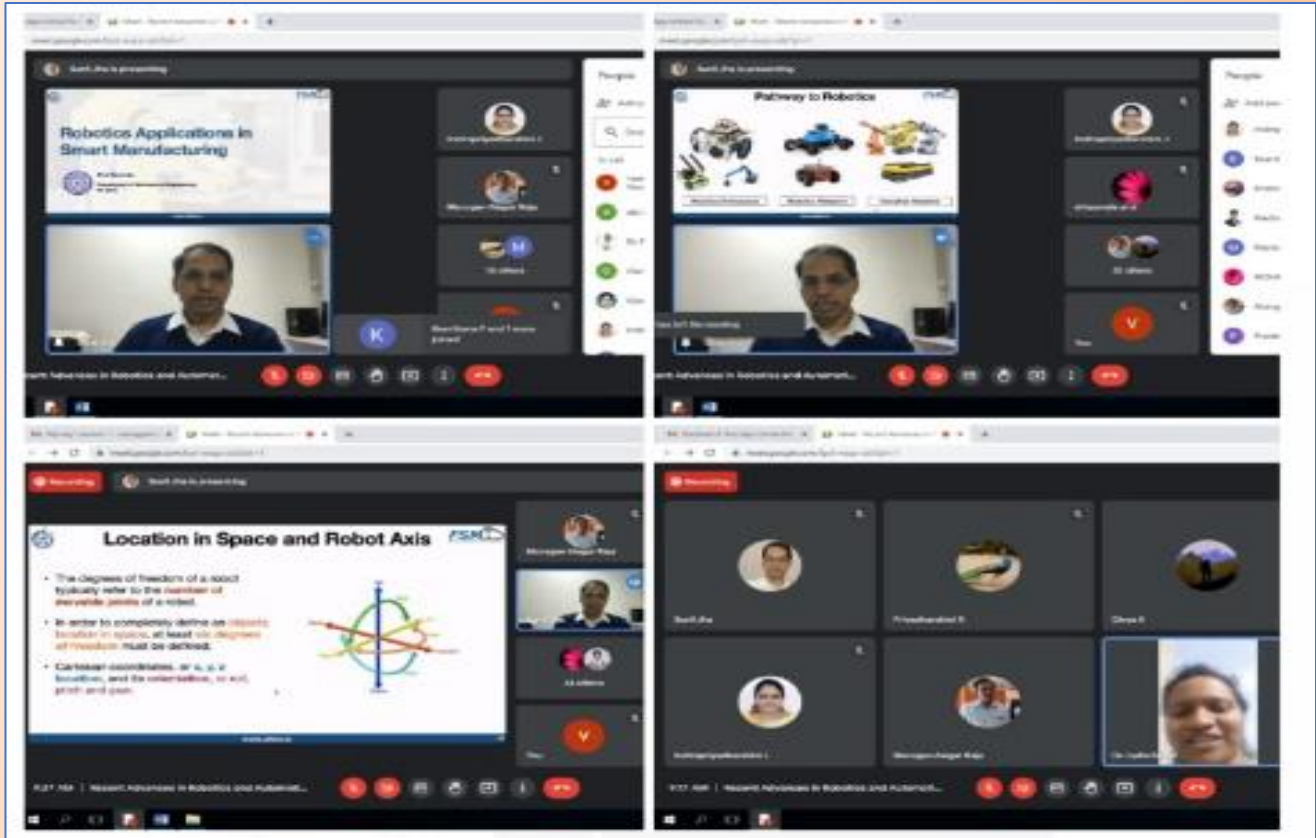
Resource Person: Dr. Tatiano Busatto, System Engineer, Unjo AB, Sweden.

Topic: Issues and Research scope in EVs with respect to Industrial Perspectives

Session Focus:

- # Electrification of EV's
- # Trending Research Areas in EV
- # Two Wheel/ Four Wheel Drive System
- # Electromobility Challenges
- # Development Tools and Technology (MATLAB, C++/PHYTON, AUTOSAR)
- # Need of Cell Balancing in BMS

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



A Two day Online Faculty Development Program on “**Recent Advances in Robotics and Automation**” from 8.12.22 & 9.12.22.

Session 1:

Resource Person: Dr.Sunil Jha, Professor, Department of Mechanical Engineering, IIT Delhi.

Session Title: Robotics in Smart Manufacturing

Session Highlights:

- Robotics in the Manufacturing Process
- Components of Robotics Implementation
- Automatic Tool Changes
- Designing of Manufacturing Robotics Cell
- Programming Robotics Systems.
- Use Cases: Multi-process Robotic Cell and Robotic Welding Cell
- AMR and COBOT

EEE | NITTTR SHORT TERM COURSE - DAY 3



Session 2

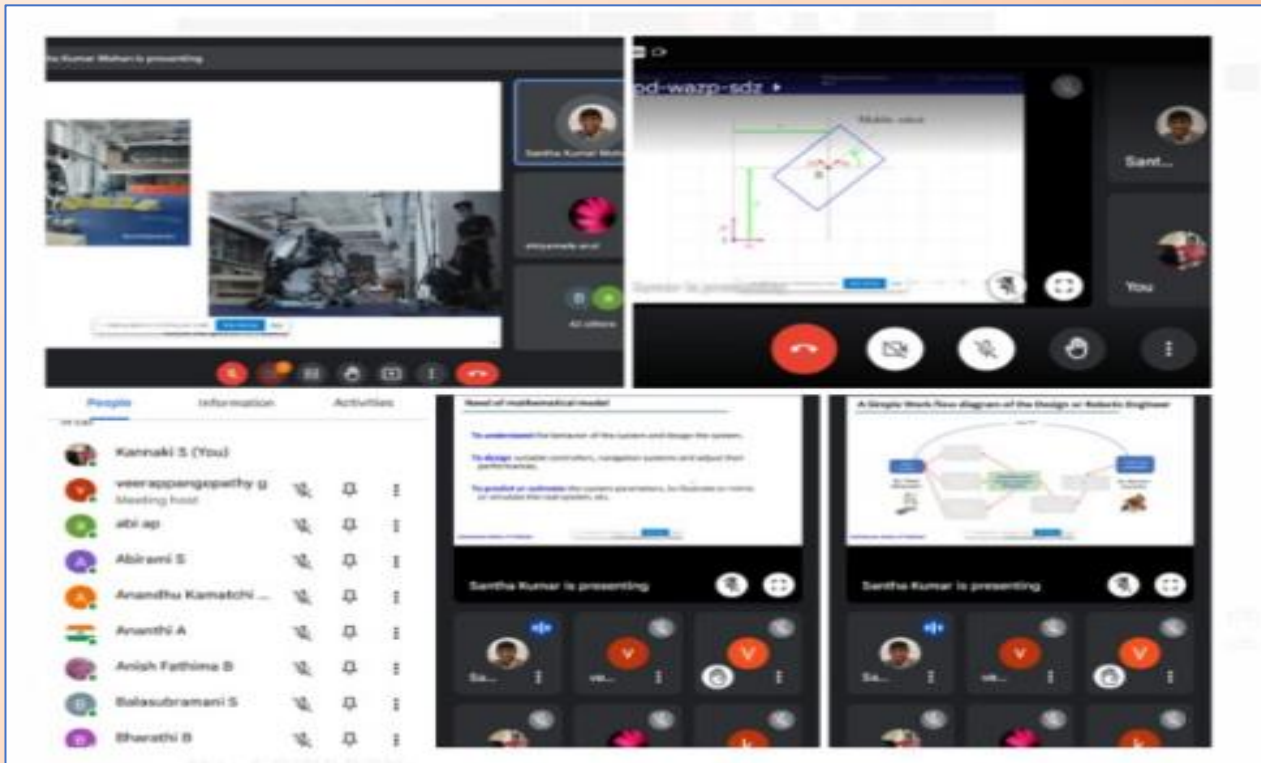
Resource Person: Mr. M.Chandra Kumar, Sr.Application Specialist, Altair Engineering, New Delhi.

Topic: Issues and Challenges in Battery Management in E-Mobility

Session Focus:

- # Hardware Integration for BMS
- # Motor Control and BMS for EV
- # Digital Twin for ATC Planned Hardware
- # Real Time demo for ATC tool.

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 2:

Resource Person: Dr. Santhakumar Mohan, Associate Professor, Department of Mechanical Engineering, IIT, Palakkad.

Session Title: Robot Kinematics

Session Highlights:

- Design of Robotic Systems
- Design of Mobile Robot
- Mechanics and Control of Robotic Manipulators
- Trends in Robot Motion Control
- Future Mobile Manipulators based on their configuration.
- Current research focus on Robotics
- SAFE Robots

EEE | NITTTR SHORT TERM COURSE - DAY 3



Session 3

Resource Person: Mr.Sriram Siddharth, V Instruments, Chennai.

Topic: EV Hardware Demo and Research Scope

Session Focus:

- # Real Time Demonstration of EV
- # Real Time Interface of EV Controllers
- # Motor Classification and Testing
- # Hardware and Software in loop interfacing with EV
- # Motor Controller Classification and Demonstration

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 3:

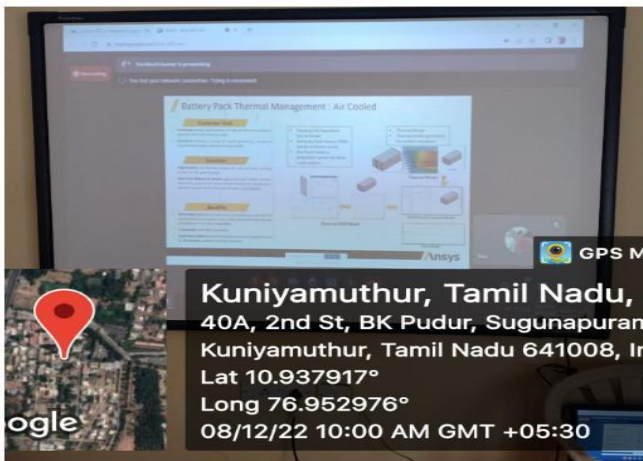
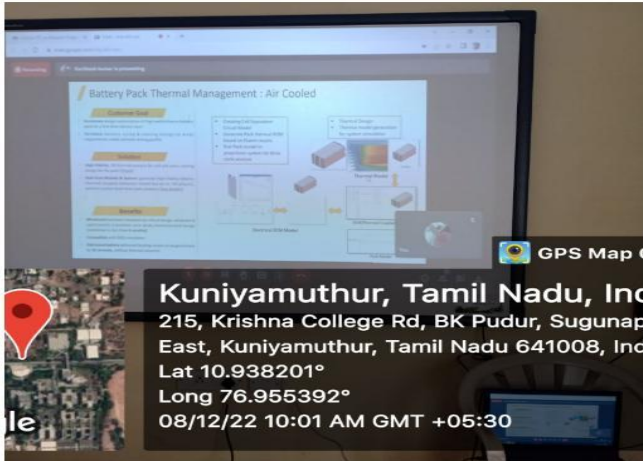
Resource Person: Dr. T.Asokan, Professor & Head of the Department, Department of Engineering Design, IIT Madras.

Session Title: Medical Robotics

Session Highlights:

- Robotics Mechanism
- Mechanism in Human Body
- Bio-Robotics
- Healthcare Robots
- Hand Tremor compensation in Surgical Robots
- Future of Healthcare Robots

EEE | NITTTR SHORT TERM COURSE – DAY 4



Session FN & AN

Resource Person: Mr. Karthikesh Kumar Jha, Technical Specialist - LF, ARK Info solutions Pvt. Ltd, Pune

Topic: Hands on Practices for Design and Development of Electric Drives for Electric Vehicles using ANSYS

Session Focus:

- # Introduction to Ansys Maxwell
- # Introduction to RMxprt
- # Design and Analysis of Electrical Machines in Ansys RMxprt
- # Maxwell Model of Electrical Machines
- # Multi-objective Multi-physics Traction Motor Design Optimization

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 4:

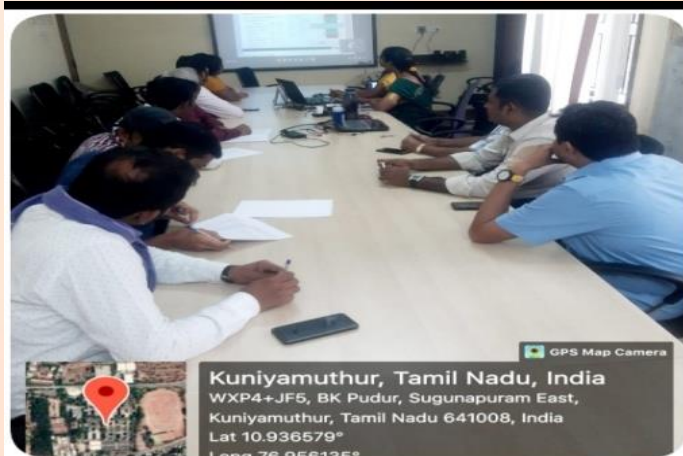
Resource Person: Justus Zachariah & Shiby Justus, Director, We-Serve, Life Builders, Coimbatore.

Session Title: Self-Care

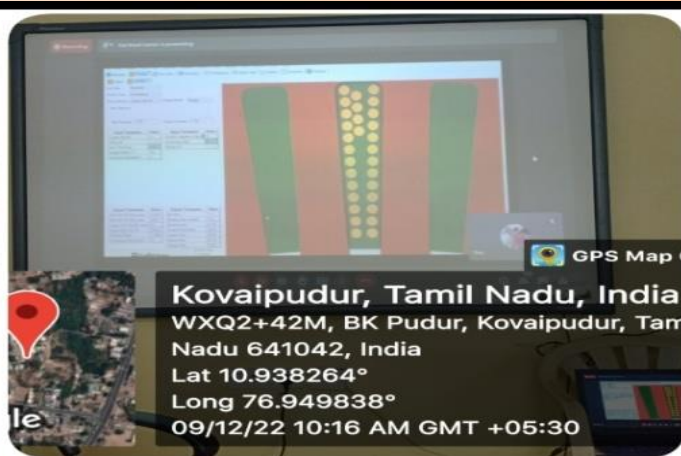
Session Highlights:

- Autopilot
- Self-Awareness
- About Emotions
- Regulating Emotions.
- Rational Vs Emotional
- Self-Reflection

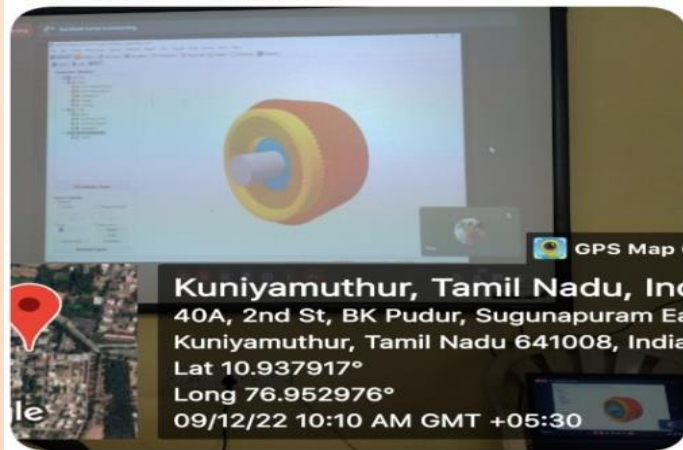
EEE | NITTR SHORT TERM COURSE - DAY 5



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Lat 10.936579°
Long 76.956135°



Kovaipudur, Tamil Nadu, India
WXQ2+42M, BK Pudur, Kovaipudur, Tamil Nadu 641042, India
Lat 10.938264°
Long 76.949838°
09/12/22 10:16 AM GMT +05:30



Kuniyamuthur, Tamil Nadu, India
40A, 2nd St, BK Pudur, Sugunapuram East, Kuniyamuthur, Tamil Nadu 641008, India
Lat 10.937917°
Long 76.952976°
09/12/22 10:10 AM GMT +05:30



Kuniyamuthur, Tamil Nadu, India
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Lat 10.936045°
Long 76.956091°
09/12/22 09:50 AM GMT +05:30

Sessions 1 & 2

Resource Person: Mr.Karthikesh Kumar Jha, Technical Specialist - LF, ARK Infosolutions Pvt. Ltd, Pune

Topic: Hands-on Practices for Design and Development of Electric Drives for Electric Vehicles using ANSYS

Session Focus:

- # Simulation of Electromagnetic Performance
- # Torque Speed map with efficiency Isolines
- # Power Speed map with Voltage Isolines
- # Duty Cycle Analysis
- # ANSYS motor CAD E-Magnetic Analysis

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 1:

Resource Person: Mr.P.Anand Rajkumar, Head Regional Service Manager South India, Yokogawa India Limited, Chennai

Session Title: Emerging Trends in Process Automation

Session Highlights:

- Distributed Control System
- Advantages of DCS
- Field Control Stations
- Various Field Digital Communication
- Function of Safety Instrumentation System
- Hybrid Instrumentation &HMI
- AI Implementation on Cyber Security Managements

S&H | EXTENDED HOUR ACTIVITY

SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University - Chennai

Department of Science and Humanities

தமிழ் மன்றம்
என்னுள் இருக்கும்
புலவன் - கவிமழை

07-12-2022 MA-11 MCA BLOCK 2.00 pm



Tamil Literary Club of SHA conducted **என்னுள் இருக்கும் புலவன்- கவி மழை** for the First year BE / B.Tech / M.Tech CSE students to lay the foundation for the appreciation of the beauty of language. The event educated their emotions and enhanced their power of imagination.

S&H | GUEST LECTURE ON GENDER SENSITIVITY AND ITS AFFAIRS

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
 An Autonomous Institution, Affiliated to Anna University - Chennai
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WOMEN EMPOWERMENT CELL
 &
DEPARTMENT OF SCIENCE AND HUMANITIES

invites you all to join the lecture
 on

**GENDER SENSITISATION
 AND IT'S CURRENT AFFAIRS**

Chief Guest
Ms. Pranavi Jay
 Founder HER - D
 Coimbatore

Presided by
Dr.J.Janet
 Principal
 SKCET

In the Presence of
Dr.V.Ragavi
 Dean of Student Affairs
 SKCET

Coordinated by
Dr.A.Indhuleka
 Head of the Department
 SKCET

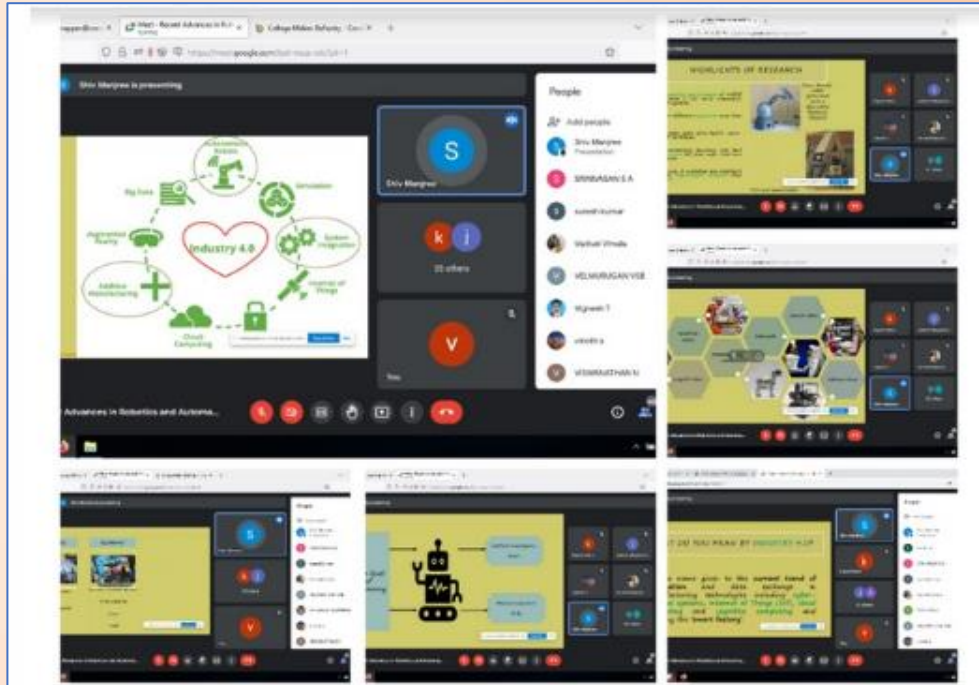
Date: 12.12.2022 **Time:** 11.00 AM - 12.30 PM

Convention Center



Department of Science and Humanities in association with the **Women Empowerment Cell** of SKCET organized a Guest Lecture on **Gender Sensitisation and its Affairs** for the **First year female students** by **Ms.Pranavi Jay**, Founder HER - D, Coimbatore. The session sensitized the students about the equality concerns and created awareness regarding gender equality issues and modifying the behavior and views that people hold about themselves and other genders.

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 2:

Resource Person: Dr. Shiv ManjareeGopaliya, Program Chair - AI and Robotics, School of Mechanical Engineering, VIT Bhopal University

Session Title: Industrial Revolution, Artificial Intelligence and Robots: Need and Challenges'

Session Highlights:

- Industrial Revolution
- Why Robots?
- How Artificial Intelligence is integrated into Robotics
- New Domains of Research
- Industry 5.0
- Robots in Indian Scenario
- Needs and Challenges

CIVIL | TESTING



Department of **Civil Engineering** has demonstrated "**Standard Penetration Test**" for the **Third year Civil Engineering** students for Subsurface exploration near C4 Block SKCET campus on 14.12.2022. The students witnessed the soil sample collection at 1.5 m, and 3 m depth. In addition, a core rock was explored at 3.5 m depth. This demonstration helped the students to observe the real time application of Standard Penetration Test in Subsurface Exploration.

MECH | INDUSTRIAL VISIT TO MANUFACTURING COMPANY



Second year students of Mechanical Engineering Department underwent an Industrial Training at **R V Machine Tools & Marvel Unimac**, Coimbatore - A custom made DST/DRDO machine manufacturing unit. Students gained knowledge on four Axis VMC center, five Axis VMC center, high performance CNC Turning center, friction Stir Welding and rotary table drilling.

IT | STARTUPS INTERACTION



Department of **Information Technology** organized an interactive session on the next level of Student Startups on 14.12.2022 as a continuation of the earlier interaction with Mr.Premkumar Manavazhi, Chair, Tie Coimbatore.

Key points discussed:

- Speaker sessions
- Networking Events
- Entrepreneurship Conferences
- Secure Funding
- Develop A Marketing Plan

MCT | FDP ON RECENT ADVANCES IN ROBOTICS AND AUTOMATION



Session 3:

Resource Person: Dr.R.Ramakrishnan, Associate Professor, Grade1, Department of Design and Automation, VIT University, Vellore

Session Title: AI in Industrial Automation Systems

Session Highlights:

- Smart Factory and Industry in 4.0
- Cyber Physical System
- Industrial Revolution
- Role of AI in Industry 4.0
- Predictive Maintenance in Industry using AI
- MATLAB App used by machine operators

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TRAINING AND PLACEMENT



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PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

My learning journey of Computer Science and Engineering started with Sri Krishna College of Engineering and Technology. In our College, it was not just about academics, they gave equal importance to extra-curricular activities. I still remember the days where we used to give our snap talks regarding the subject we prefer or the subjects we learn. This helped me a lot in improving my communication skills. Our college has helped me in building my career path. I want to extend my hearty thanks to the Placement team of Sri Krishna, who helped me crack placement interview and get placed in a reputed company.



**Naveen S,
CSE (2021 Batch),
Maxlinear**



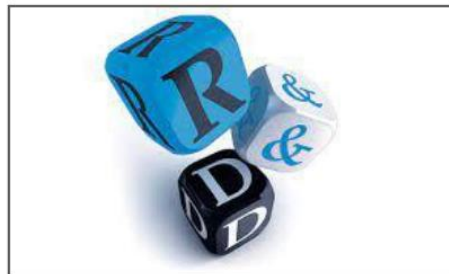
**Janan K,
CSE (2021 Batch),
Hexaware**

First of all, I would like to thank Sri Krishna Institute faculty members for putting in all efforts to groom me and make me an IT Professional. My Under Graduate course at Sri Krishna College of Engineering and Technology bought a value added to my life. It nourished me and gave me a value to define me. It is a place of learning, fun, culture and some preaching activities. I will always be grateful to them for providing me a platform of practical learning and preparing me for corporate life. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.

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RESEARCH & DEVELOPMENT



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R&D | ARTICLE PUBLICATION | MECH

Hindawi
 Advances in Materials Science and Engineering
 Volume 2022, Article ID 5769115, 15 pages
<https://doi.org/10.1155/2022/5769115>



Research Article

Experimental Investigation on Microstructure and Mechanical Properties of Friction Welded Dissimilar Alloys

Arun Negemiya Arulsamy ¹, Gnanasekaran S,¹ Bakkiyaraj Murugesan ²,
 Samson Jerold Samuel Chelladurai ³, Mohanraj Kishnan Selvaraj,¹
 Vijayakumar Palanivel,¹ and Gizachew Balcha ⁴

¹Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, Coimbatore 641062, Tamil Nadu, India

²Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai 600124, Tamil Nadu, India

³Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India

⁴Department of Chemical Engineering, College of Biological and Chemical Engineering, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia

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Academic Editor: Ismael Alejandro Aguayo-Villarreal

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High-temperature dissimilar connections built of Inconel 718 and AISI 410 martensitic stainless steel (MSS) are widely used in a range of industries, including boiler construction, the chemical industry, aerospace, and nuclear. When compared to other materials, Inconel 718 and AISI 410 martensitic stainless steel offer superior strength and corrosion resistance under a variety of environmental conditions. The rotational speed was adjusted between 1100 and 1500 RPM, while the friction pressure, friction time, forging pressure, and forging duration were all kept constant during the testing. Five sets of testing were performed, with the

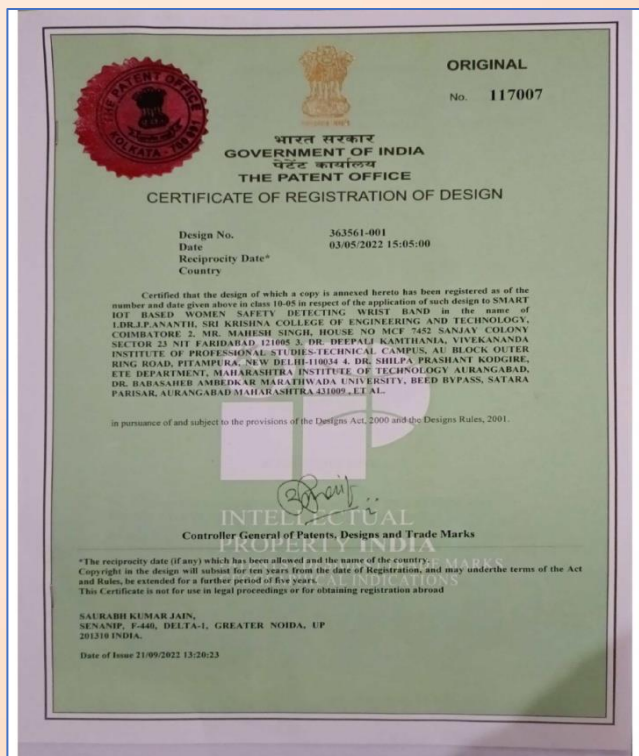
Dr.C.Samson Jerold Samuel, Associate Professor, **Mechanical Engineering** published a scientific research article entitled **‘Experimental Investigation on Microstructure and Mechanical Properties of Friction Welded Dissimilar Alloys’** in *Advances in Materials Science and Engineering – A Hindawi Journal*. It is a WoS and Scopus Indexed Journal with an Impact Factor 2.098. The journal is also listed in Anna University Annexure 1.

R&D | PATENT PUBLICATION | IT

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202241069823 A
(19) INDIA	
(22) Date of filing of Application :03/12/2022	(43) Publication Date : 09/12/2022
(54) Title of the invention : AUGMENTED REALITY CLASSROOM PROGRAMME	
(51) International classification :G09B0007020000, G06T0019000000, G09B0005020000, G09B0007000000, G09B0023020000	(71)Name of Applicant : 1)Sri Krishna College of Engineering and Technology, Coimbatore Address of Applicant :Sri Krishna College of Engineering and Technology, Coimbatore ----- Name of Applicant : NA Address of Applicant : NA
(86) International Application No :PCT// Filing Date :01/01/1900	(72)Name of Inventor : 1)Dr. T.Keerthika Address of Applicant :Associate Professor, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 2)Krupaasree K Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 3)Kavya P Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 4)Naveen S Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 5)Mohamed Ali Raihan M Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 6)Logesh S Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore ----- 7)Kiruthika E Address of Applicant :Student, Department of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore -----
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	
(57) Abstract : The objective of this concept is to devise a chapter on Indian Built Heritage and enhance student learning experience by creating an AR mobile application to visualize monuments in 3D. This project will be very useful for the students to create an application to visualize the Monuments and the art concepts like Taj Mahal, Harappa and Mohenjo Daro Artifacts, Ancient temples, Mosques and Churches through augmented reality which helps the students to better understand about the concepts. There is a lack of interactive and engaging methods to learn as a student, but this approach helps them to learn through visualizing through AR just by scanning the QR codes in the text books. The users can also test their knowledge by taking test on the concepts what they have learned through AR model.	
No. of Pages : 7 No. of Claims : 5	
The Patent Office Journal No. 49/2022 Dated 09/12/2022	
77935	

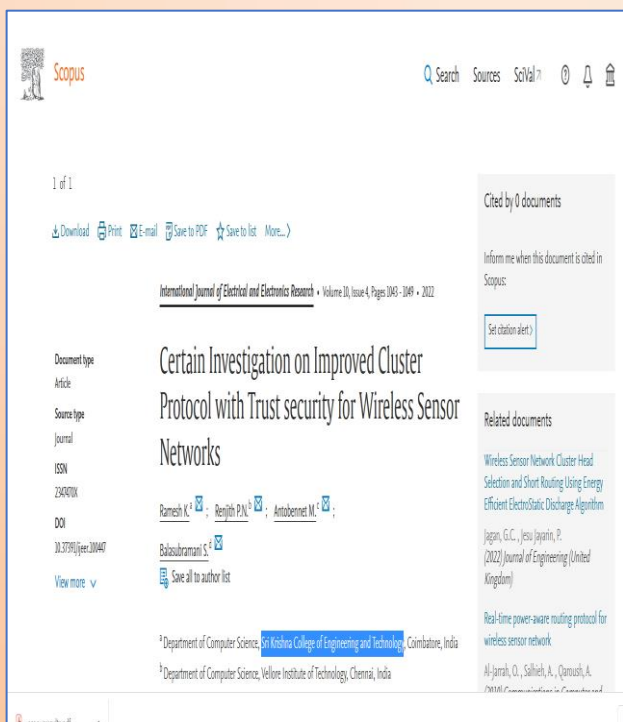
Dr.T.Keerthika, Associate Professor, **IT** along with **Krupaasree K, Kavya P, Naveen S, Mohamed Ali Raihan M, Logesh S, Kiruthika E** students of Third year **Information Technology** have published a patent on “**Augmented Reality Classroom Programme**” in the IPR Journal identified with application number 202241069823 A.

R&D | RESEARCH ARTICLE PUBLICATION | CSE



Dr.J.P.Ananth, COE, Dean Academics, has received the Design Patent Grant with a Certificate of Registration of Design by the Patent Office, Government of India for the patent titled **“Smart IOT Based Women Safety Detecting Wrist Band”**, with the design number 363561-001.

R&D | RESEARCH ARTICLE PUBLICATION | CSE



Dr.Ramesh K, Professor, has published a research article titled **“Certain Investigation on Improved Cluster Protocol with Trust security for Wireless Sensor Networks”**, (2022) International Journal of Electrical and Electronics Research, 10 (4), pp. 1043-1049.
DOI:10.37391/ijeer.100447.
It is Scopus Indexed.

SKCET Buzz



FACULTY PROGRESSION



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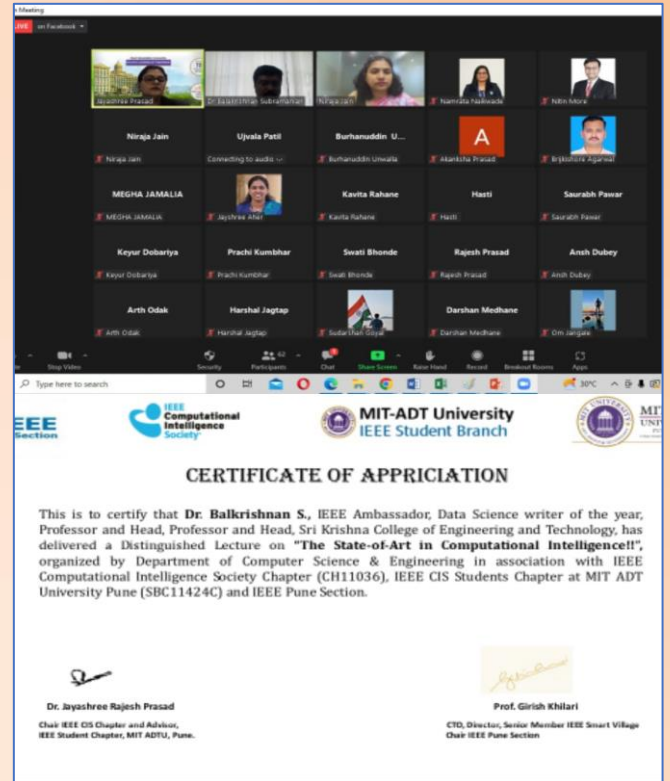
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CSBS | APPRECIATION

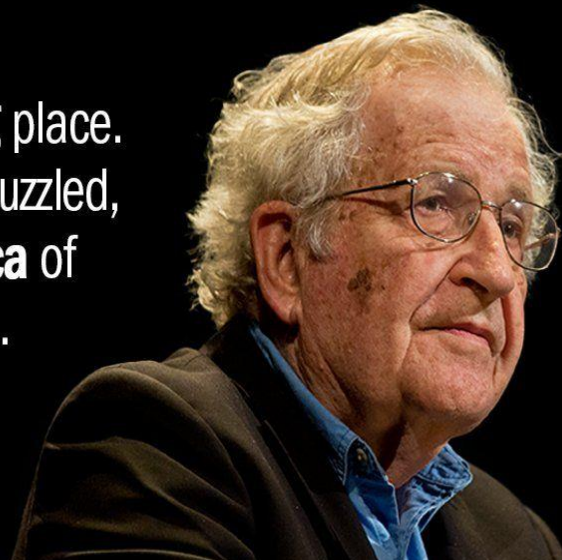
Dr. Balakrishnan, HoD, CSBS was the speaker at MIT-ADT University, Pune in association with IEEE Computational Society in IEEE Pune Section. He delivered a distinguished lecture on the topic "The State-of-Art in Computational Intelligence" and has received a certificate of Appreciation from IEEE.



LEGENDRY INSIGHTS

The world is a very **puzzling** place.
If you're **not willing** to be puzzled,
you just become a **replica** of
someone else's mind.

— Noam Chomsky



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FACULTY CERTIFICATIONS



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EEE | FDP ON MATLAB-ARTIFICIAL INTELLIGENCE AND OPTIMISATION TECHNIQUES



EEE | FDP ON MATLAB - ARTIFICIAL INTELLIGENCE AND OPTIMISATION TECHNIQUES



Dr.K.C.Ramya, Professor, HoD, EEE along with Dr.S.Sivaranjani, Dr.R.Sumathi, Dr.A.Radhika, Dr.J.Karthika, Dr.P.Vinoth Kumar, Dr.T.Kokilavani, Dr.G.Radhakrishnan, Dr.B.Karthikeyan, Dr.Ramji Tiwari Ms.R.Geethamani, Mr.S.Bagavathy, Mr.S.Boopalan, Ms.N.Subhashini, Ms.G.Mahalakshmi, Ms.N.Subhalakshmi, Mr.S.Karthikeyan, Mr.R.Kavin, Ms.C.Pavithra, Ms.T.Malini, Mr.N.Loganathan, Mr.V.Vineeth faculty members of the Department have participated in the AICTE Recognized Faculty Development Programme on “**MATLAB-Artificial Intelligence and Optimisation Techniques**” organized by the Department of Electrical Engineering NITTTR-Chandigarh.

AI&DS | INFOSYS SPRINGBOARD CERTIFICATION



Mr.K.Balaji, Assistant Professor, **AI&DS** have completed the course on **Design Thinking** by Infosys Spring board on 13th December 2022.

AI&DS | FDP ON MACHINE LEARNING

Ms.B.Kiruba, Assistant Professor, **AI & DS** have completed one week FDP on “**Machine Learning**” organized by the Department of Information Technology, Sinhgad Institute of Technology, Lonavala, Pune from 7th to 11th December 2022.



CSBS | FACULTY DEVELOPMENT PROGRAMME

Mr.M.Manicka Raja,
Assistant Professor, **CSBS**
attended One-week Online
FDP on **“Machine Learning”** organized by the
Department of Information
Technology, **Sinhgad**
Institute of Technology,
Lonavala, Pune from
07.12.2022 to 11.12.2022.



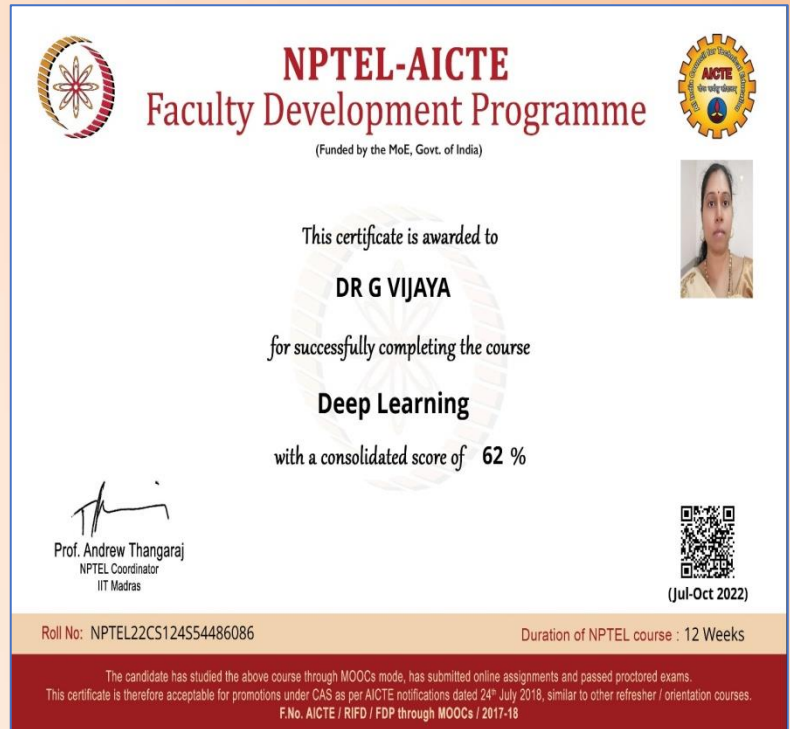
CSE | FDP ON IN DIGITAL PROCESSING TECHNIQUES



Mr.M.Vengateshwaran, Assistant
Professor, Department of **CSE** have
participated in Faculty development
program on **“Digital Image**
Processing Techniques” organized
by Sreenivasa Institute of Technology
and Management Studies during
05.12.2022 to 09.12.2022.

CSE | NPTEL CERTIFICATION

Dr.G.Vijaya, Professor,
Department of CSE has
successfully completed the
NPTEL course on “**Deep
Learning**” with a score of
62%.



NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR G VIJAYA
for successfully completing the course
Deep Learning
with a consolidated score of **62 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL22CS124554486086 Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

CSE | INFOSYS CERTIFICATION

Dr.G.Vijaya, Professor,
Department of CSE has
successfully completed the
Infosys Spring board course
on “**Explore Machine
Learning using R**” during
December 2022.



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Navigate your next

||| COURSE COMPLETION CERTIFICATE |||

The certificate is awarded to
Vijaya G
for successfully completing the course
Explore Machine Learning using R
on Thursday, December 8th 2022

Infosys | Springboard
Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Thursday, December 8th 2022
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>

ECE | FDP ON MATLAB AI & OPTIMISATION TECHNIQUES



Dr.Mohana Geetha .D, Professor, Department of **ECE** has completed one week AICTE recognized Faculty development program from 21.11.2022 to 25.11.2022 on the title **“MATLAB Artificial Intelligence and Optimisation Techniques”** certified by NITTTR, Chandigarh organized by Electrical Engineering Department, SKCET.

ECE | STTP ON RECENT TRENDS IN ANTENNA DESIGN AND BEYOND APPLICATIONS

Ms.S.M Asha Banu, Assistant Professor, Department of ECE has attended a Two days STTP on **“Recent Trends In Antenna Design And Beyond Applications”** organized by the Department of ECE in association with IEEE Students chapter, CARE college of Engineering during 5.12.2022 & 6.12.2022.



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CONFERENCE PRESENTATION



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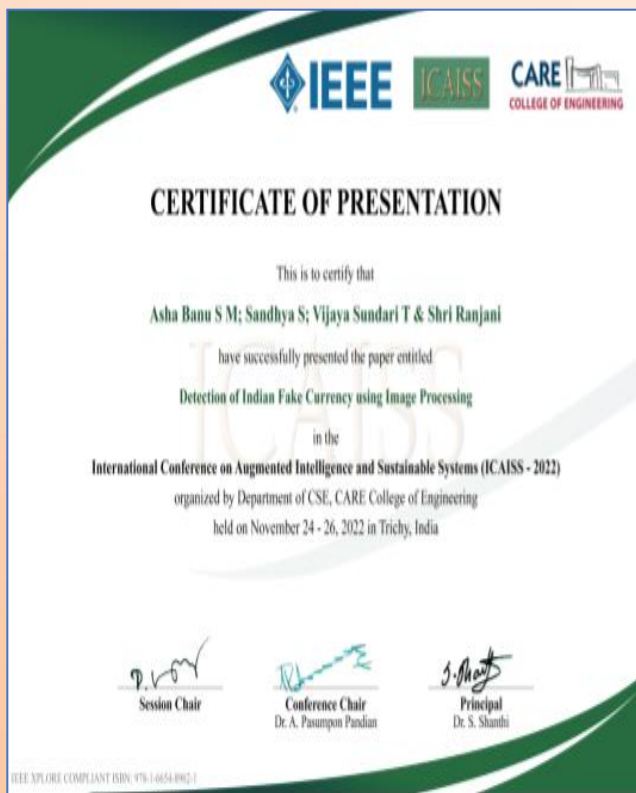
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ECE | CONFERENCE PRESENTATION

Ms.S.M. Asha Banu Assistant Professor, Department of **ECE** along with the students **Soundarya Lakchida, Shanthini V S, and Stinsha SL** has presented a paper titled, “**Smart Traffic Light Control System using Image Processing**” in International Conference on Augmented Intelligence and Sustainable System (ICAISS-2022) organized by Department of CSE, CARE College of Engineering held on Nov 24th -26th , 2022.



Ms.S.M. Asha Banu Assistant Professor, Department of **ECE** along with the students **Sandhya S, Vijaya Sundari T and Shri Ranjini** has presented a paper titled, “**Detection of Indian Fake currency using Image Processing**” in the International Conference on Augmented Intelligence and Sustainable System (ICAISS-2022) organized by Department of CSE, CARE College of Engineering held on Nov 24-26, 2022.

ECE | CONFERENCE PRESENTATION



Dr. V. Nandalal, Professor, Department of ECE has presented paper title **“Smart Application Based Circuit Breakers with Secure Passcode”** in 2nd International Conference on Mobile Networks and Wireless Communications organized by Sri Siddhartha Institute of Technology, Tumakuru, India in association with IEEE Bangalore section on 2nd and 3rd December 2022.

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ECE | CAM CURVES



Ms.K.Priyadharsini
Assistant Professor / ECE

WORD OF THE WEEK

Ravenous (Adjective) : extremely hungry.

Synonyms : very hungry, starving, starved, famished.

Antonyms : satisfied, full.

Eg : "I'd been out all day and was ravenous."

