SKCET Buzz

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Mrs.S.Mary Fabiola - S&H,
Mrs.K.Ananthi – MCT

INSIDE THE ISSUE

Happy Reading

SKCET Buzz

INSTITUTIONAL ACCOLADES

SKCET| CERTIFICATE OF APPRECIATION FROM GOVERNMENT OF INDIA

Sri Krishna College of Engineering and Technology has been recognized and appreciated by the **Ministry of Commerce and Industry,** Government of India for the effective and active participation in **'National Intellectual Property Awareness Mission (NIPAM)'** to create widespread awareness on IPR. The events were jointly organized by the **Institution Innovation Council** of SKCET and the Department of **Mechanical Engineering**.
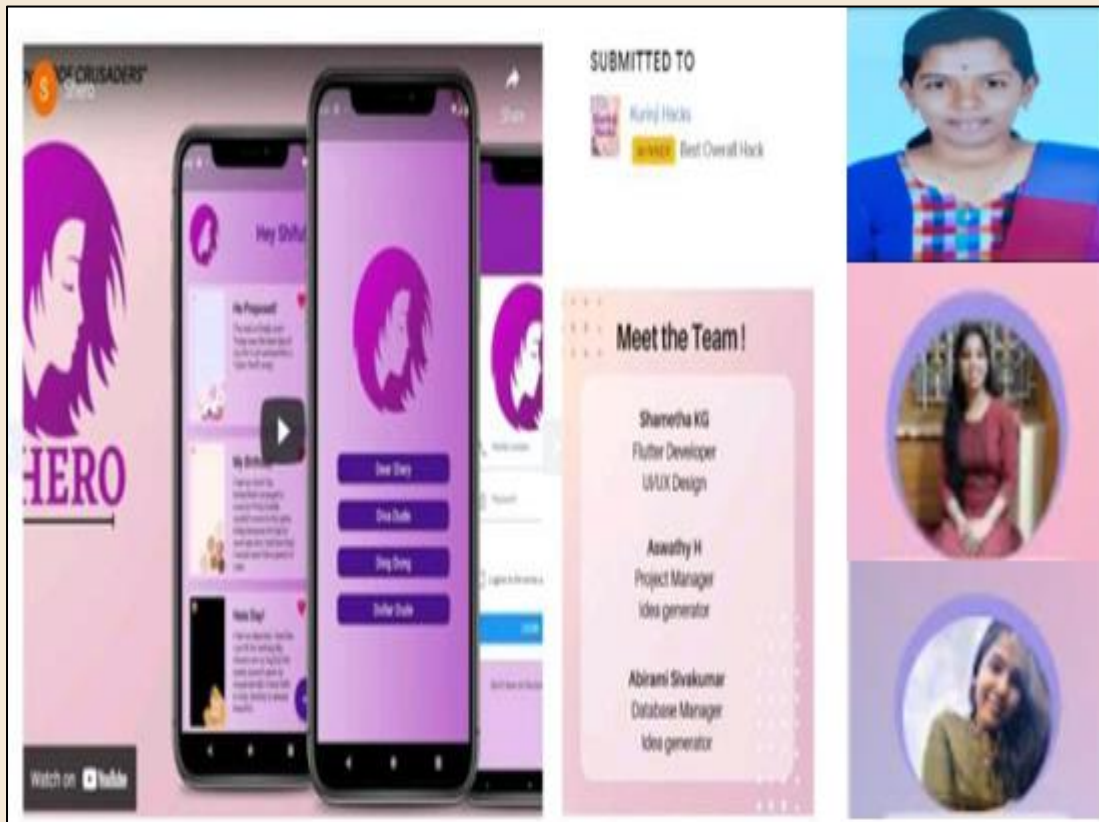
SKCET Buzz

HACKATHON ACCOLADES

CSE | KURINJI HACKS

Student team **SHERO** from the Department of **CSE** has won the **"Best Overall"** title in the **Kurinji Hacks** organized by SuperPosition, Chennai.

Team members:

- ➢ Shametha K G -III CSE
- ➢ Aswaty H - II CSE
- ➢ Abirami S - II CSE

Team mentor:

Ms.Priya A, AP/CSE

SKCET Buzz

STUDENT CERTIFICATION

EEE | INTRODUCTION TO THE INTERNET OF THINGS AND EMBEDDED SYSTEMS

Sanjay Prakash, student of **Third** year **EEE "C"** has successfully completed an online course on **"Introduction to the Internet of Things and Embedded Systems"** authorized by the University of California, Irvine and offered through Coursera.

IDIOM OF THE WEEK

Tough Cookie

A strong, determined person who is not easily intimidated, discouraged, or defeated

Usage:
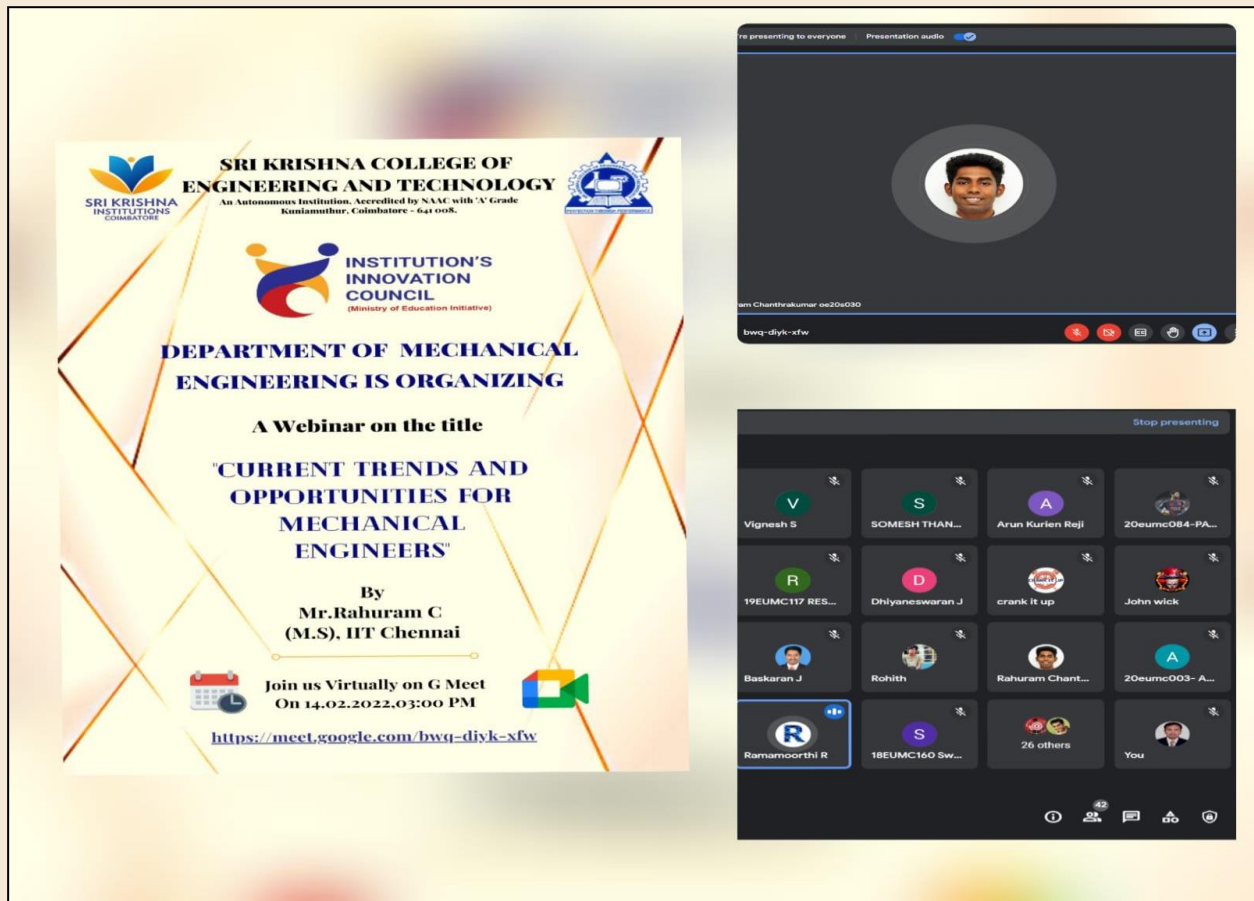She had a difficult childhood, but she's a tough cookie. I know she'll succeed.

SKCET Buzz

EVENTS

MECH| WEBINAR ON CURRENT TRENDS & OPPORTUNITIES FOR MECHANICAL ENGINEERS

Association of **Mechanical Engineers** (AME) & Department of **Mechanical Engineering** jointly organized a webinar on **"Current Trends & Opportunities for Mechanical Engineers"** on 14.02.2022. **Mr.Rahuram C**, notable alumnus of the Department, currently pursuing MS at IIT was the resource person. **Second**, **Third** and **Final** year students attended the event. The speaker enlightened the young minds on the recent trends of mechanical engineering and showcased few strategies to move in the right track to grab the right opportunity in the mechanical engineering field.

CSE | WEBINAR ON INNOVATION IN RECENT TECHNOLOGIES - APPLICATION OF AI & ML
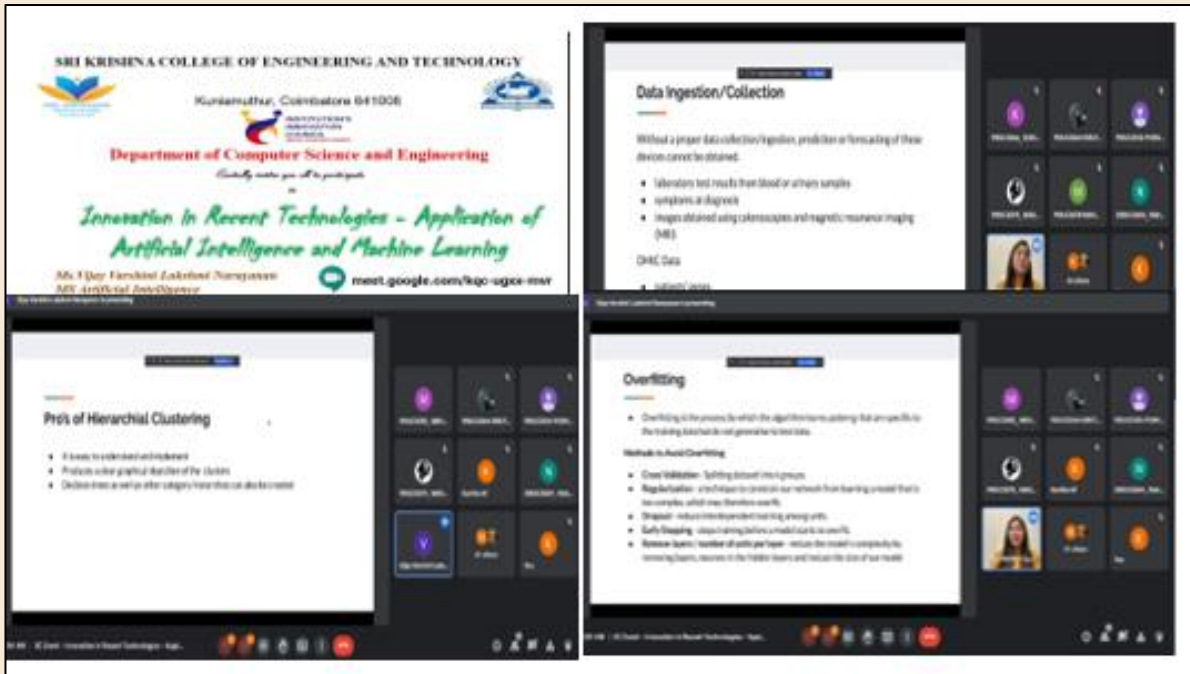
Department of **Computer Science and Engineering** in association with **Institution's Innovation Council (IIC)** organized a webinar on **"Innovation in Recent Technologies - Application of Artificial Intelligence and Machine Learning"** for the **Third** year **B Section** student on 15.02.2022. **Ms.Vijay Varshini Lakshmi Narayanan,** MS Artificial Intelligence, Saint Louis University, St Louis, Missouri, USA was the Resource Person. The objective of this session was to motivate the students to understand the innovations in Recent Technologies like artificial intelligence, Machine Learning used in industries.

Session Highlights:

- Importance of Data preprocessing, cleaning and extracting the relevant data for analysis.
- Explained real world examples and online tools for Data processing.
- Importance of Data Analytics

MECH| HANDS ON TRAINING ON ELECTROCHEMICAL CORROSION TESTING APPARATUS

Department of **Mechanical Engineering** organized a Handson Training on **Electrochemical Corrosion Testing Apparatus'**. **Mr. Sanjay R**, Engineer - IPGI Instruments, Chennai was the resource person. Faculty members of Mechanical Engineering Department attended the session. Hands on training for conducting experiments using Electrochemical Corrosion Testing Apparatus and Plotting the polarization curve were the session highlights.

S&H | JUNIOR- SENIOR INTERACTION

A Junior- Senior Interaction session was organized by the Department of **Science and Humanities** for the **First** year students. The aim of this session was to set up a healthy relationship between freshers and seniors and make the transition of first-year students from school to college smoother. In this session seniors, mentored and counselled the freshers on how to study, what to study, career opportunities, higher studies and internship and job opportunities.

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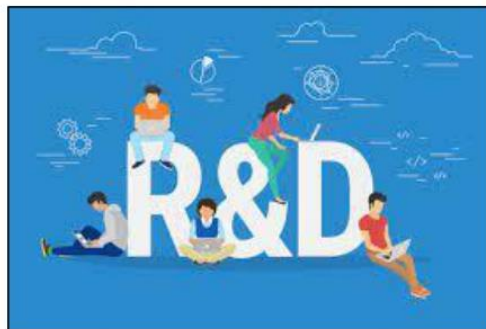
RESEARCH AND DEVELOPMENT

R&D|BOOK CHAPTER PUBLICATION|CSBS

Dr. S. Oswalt Manoj, Assistant Professor, Department of **Computer Science and Business Systems** and **Dr. J. P. Ananth**, Professor, Department of **Computer Science and Engineering** have published a book chapter titled **"Deep Feature Selection for Wind Forecasting-II"** as part of the book "Artificial Intelligence for Renewable Energy Systems" on 7th February, 2022. (**https://doi.org/10.1002/9781119761686.ch8**

R&D|ARTICLE PUBLICATION|CSBS

Yasir Abdullah. R, Assistant Professor, Department of **CSBS** has published a scientific research article titled **"Blockchain-Based Deep Learning to Process IoT Data Acquisition in Cognitive Data"** in BioMed Research International Volume 2022, Article ID 5038851, a HINDAWI publication on 11th February 2022. The journal is SCI indexed with an Impact Factor of 3.411.

DOI:
https://doi.org/10.1155/2022/5038851

R&D | PAPER PUBLICATION | EEE

Ms.R.Geethamani Assistant Professor, **EEE** Department has presented a research paper entitled **"Implementation of Smart Agricultural Monitoring System Using Raspberry Pi"** published in 2021 Innovations in Power and Advanced Computing Technologies (i-PACT) held at Kualalumpur, Malaysia. The proceeding of the conference is published in IEEE Xplore and also indexed in Scopus.

R&D | PATENT PUBLICATION | S&H

Ms.Anitha.T, Assistant Professor, **Department of Science and Humanities,** has published a patent on 11th Feb, 2022 entitled **"Method to Enhance the Performance of Principal Component Analysis"** with application number 202211006223A.

R&D| TIDE PROJECT| MECH

Department of Science and Technology, Government of India has sanctioned INR 68,33,150/- for the Department of Mechanical Engineering for the project entitled **'Development of foot operated vehicle for disabled people' under Technology** under the scheme Interventions for Disabled and Elderly (TIDE). The duration of the project is three years. **Dr.R.Soundararajan,** Associate Professor, Mechanical Engineering is the Principal Investigator. **Dr.P.Ashoka Varthanan**, HoD - **Mech** and **Mr. N. Babu**, Assistant Professor - **Mech** are the Co - Investigators of the project.

SKCET Buzz

TRAINING AND PLACEMENT

PLACEMENT| TESTIMONIALS BY PLACED STUDENTS

RANJITH KUMAR,

MCT (2021 Batch),

Kaar Technologies

My favorite part of SKCET is its faculty members and learning resources. Being knowledgeable, inspiring, and approachable, my tutors provide students with much guidance and mind-opening perspectives. Their dedication to education helps us develop academic interests and grow intellectually. I was able to enjoy all my classes, and I felt better about having to present in front of the class because I have great and supportive faculty members. Being involved in college activities also helped me to create some meaningful memories at SKCET and connect me with a lot of people. My experience in SKCET has helped me grow in a lot of ways and now I am excited to look for new challenges in a new place while pursuing my dreams. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.

PLACEMENT| TESTIMONIALS BY PLACED STUDENTS

VIGNESHWAR M,

IT (2021 Batch),

Trimble

Sri Krishna Institutions has provided me with a great environment and wonderful opportunity to learn and excel in academics as well as extracurricular activities. Method of teaching and the curriculum here made me secure a place in the corporate world. I have found the campus facilities to be excellent here; there are so many places to study and so many places to explore. You can go to the library for quiet study and there are also more relaxed spaces across campus for group study too. My sincere thanks to the Principal, Advisor, Professors and Placement team who made my college life a memorable one. I am lucky to be a part of this great institution.

SKCET Buzz

FACULTY CERTIFICATIONS

CIVIL| AICTE STUDENT LEARNING ASSESSMENT

Dr. S. Ramakrishnan and **Mr.M. R. Ezhilkumar,** faculty members from the Department of **Civil Engineering** have completed two weeks training program for faculty members on **AICTE Student Learning Assessment – STTP - PARAKH** in collaboration with Construction Industry Development Council (CIDC) from 10th to 23rd January 2022.

MCT | FDP ON INTRODUCTION TO ARTIFICIAL NEURAL NETWORK

Ms.S.Kannaki, Assistant Professor, MCT has participated in an online Faculty Development program on "**Introduction to artificial neural network**" on 8th February 2022 organized by the Department of Electrical and Electronics Engineering, Christ The King Engineering College, Coimbatore.

MCT| CURRENT TRENDS IN EMBEDDED SYSTEM ON AUTOMOTIVE APPLICATIONS

Ms.S.Nithya priya, Assistant Professor, **MCT** has participated in two days Faculty Development programme titled "**Current Trends in Embedded system on Automotive Applications**" on 27.01.2022 & 28.01.2022. Conducted by department of Electronics and Communication engineering, SNS College of Technology, Coimbatore

MCT| REMOTE SENSING AND ITS APPLICATIONS

Ms.Bhuvaneswari, Assistant Professor, **MCT**, participated in the online short term course on "**Remote Sensing and its Applications**" from 31.01.2022 to 04.02.2022 Conducted by Human Resource Development Center, Lovely University, Punjab.

MCT| BIO INSPIRED OPTIMIZATION TECHNIQUES

Ms.K.Ananthi, Assistant Professor, **MCT**, participated in the online AICTE Recognized Faculty Development Programme on "**Bio Inspired Optimization Techniques**" from 17.01.2022 to 21.01.2022 organized by the department of Electrical and Electronics Engineering, NITTTR, Chandigarh.

CSE| INTELLECTUAL PROPERTY RIGHTS (IPR) IN HIGHER EDUCATION
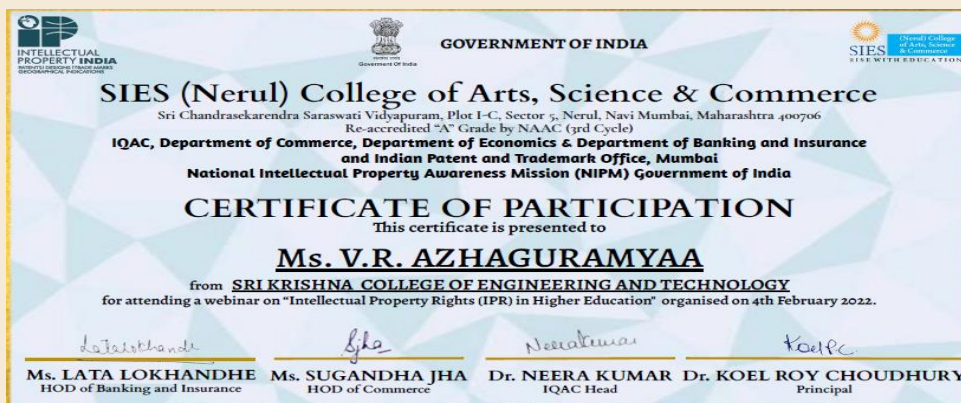
Ms.V.R.Azhaguramyaa, Assistant Professor, **CSE** has participated a webinar on **"Intellectual Property Rights (IPR) in Higher Education"** organized by SIES(Nerul) College of Arts, Science & Commerce, Navi Mumbai, Maharashtra on 04.02.2022.

CSE| AWS ACADEMY MACHINE LEARNING

Nagajothi Selvaraj

Certificate of Completion for
AWS Academy Graduate - AWS Academy Machine Learning

Course hours completed
20 hours

Issued on
02/13/2022

Digital badge
https://www.credly.com/go/eGoqEnAL

Ms.S.Nagajothi, Assistant Professor**, CSE** has successfully completed certification course on "**AWS Academy Graduate - AWS Academy Machine Learning**" in AWS Academy on 13.02.2022.

CSE| DATA SCIENCE: PYTHON FOR DATA ANALYSIS 2022 FULL BOOT CAMP

Mr.N.Karthikeyan, Assistant Professor**, CSE** has successfully completed a course on **"Data Science: Python for Data Analysis 2022 Full Boot Camp"** offered through Udemy on 14.02.2022.

udemy

CERTIFICATE OF COMPLETION

Data Science: Python for Data Analysis 2022 Full Bootcamp

Instructors Ahmed Ibrahim, SDE OCTOPUS | AI

Karthikeyan N

Date Feb. 14, 2022
Length 6 total hours
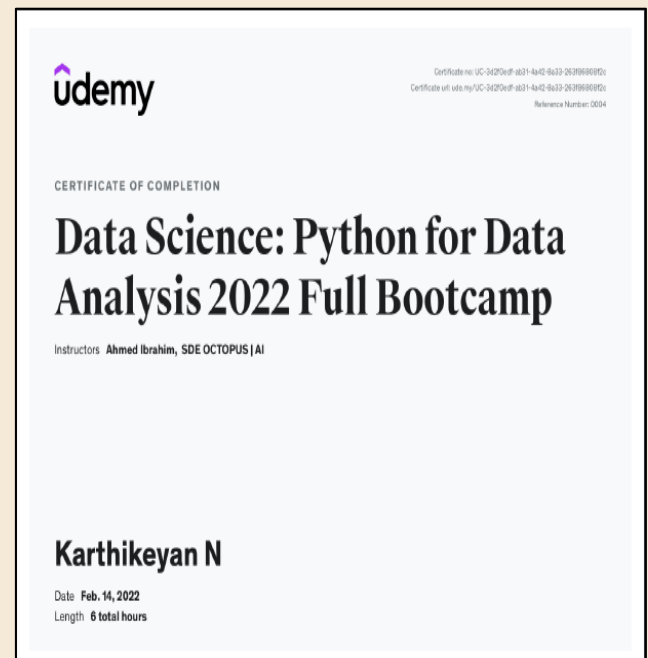
CSE| AWS ACADEMY CERTIFICATION COURSE

Dr.D.Prabha, Ms.S.Nagajothi, faculty members **CSE** have successfully completed certification course on "**AWS Academy Graduate-AWS Academy Cloud Foundations**" in AWS Academy on 13.02.2022.

CSE| INFOSYS SPRINGBOARD CERTIFICATION

Ms.G.Renugadevi, Assistant Professor, **CSE** has successfully completed a certification course on "**Java Programming Fundamentals**" in Infosys Springboard on 12.02.2022.

CSE| VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Dr.V.Vijeya Kaveri, Professor, **CSE** has successfully completed certification course on "**Virtual Training Program on Data Science**" in Collaboration with ExcelR Solutions Under ISTE Student Chapter MH - 267 during 07.02.2022 to 11.02.2022.

CSE| ORACLE CERTIFICATION

Dr.T.Latha Maheshwari, Professor, **CSE** has successfully completed a course on "**Oracle Cloud Infrastructure Foundations 2021 Certified Associate**" organized by Oracle Corporation on 08.02.2022.

EEE | MATALB PROGRAMMER

Dr.T.Kokilavani, Assistant Professor, **EEE** Department has participated in a training Program on **"MATLAB Programmer"** offered through Udemy.

IT | AWS ACADEMY GRADUATE

Ms.Lavanya Selvaraj and **Ms.Kousalya A** Assistant Professors, Department of **Information Technology** have successfully completed AWS foundation level course on **"AWS Academy Graduate- AWS Academy Cloud Foundations"** recognized by AWS Academy.

IT| ORACLE CERTIFIED ASSOCIATE
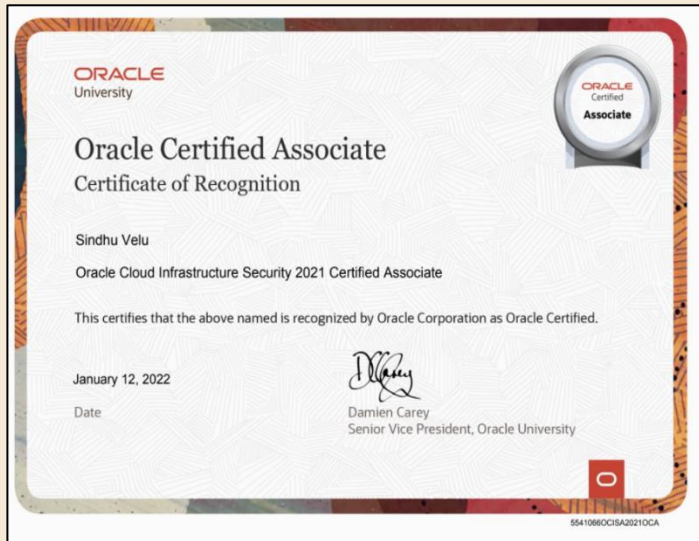
Mrs.V.Sindhu, Assistant Professor, Department of **Information Technology** has been recognized as **"Oracle Certified Associate"** by Oracle Corporation.

IT| ENTREPRENEURIAL MANAGEMENT

Mrs.V.Sindhu, Assistant Professor, Department of **Information Technology** has successfully completed a course on **"Entrepreneurial Management"** recognized by Great Learning Academy.

IT| ORACLE CERTIFIED PROFESSIONAL

Dr.Arunachalam M, Professor and **Mrs.A.Raihana,** Assistant Professor, Department of **Information Technology** have been recognized as **"Oracle Certified Professional"** by Oracle Corporation.
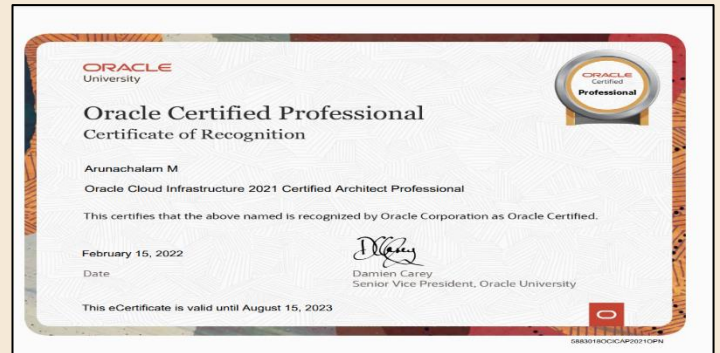
CSE| AWS ACADEMY CERTIFICATION

Ms.S.Biruntha, Assistant Professor, **CSE** has successfully completed a certification course on **"AWS Academy Graduate-AWS Academy Cloud Foundations"** and **"AWS Academy Machine Learning"** in AWS Academy on 13.02.2022 and 14.02.2022.

CSE| INFOSYS SPRINGBOARD CERTIFICATION

Dr.P.Kavitha Rani, HoD, CSE, Dr.D.Prabha, Dr.A.Pushpalatha, Ms.S.Biruntha, Ms.N.Saranya, Faculty Members of CSE have successfully completed a certification courses on "Java Programming Fundamentals and Basics of Python" in Infosys Springboard on 12.02.2022 ,14.02.2022 & 15.02.2022.

CSE| INFOSYS SPRINGBOARD CERTIFICATION

Ms.N.Saranya, Assistant Professor, **CSE** has successfully completed certification courses on "**Introduction to Python, Java SE8 Features**" in Infosys Springboard on 14.02.2022&15.02.2022.

CSE| INFOSYS SPRINGBOARD CERTIFICATION

Ms.S.Biruntha, Assistant Professor, **CSE** has successfully completed certification courses on "**Basics of Python**" in Infosys Springboard on 12.02.2022.

CSE| ORACLE CLOUD INFRASTRUCTURE FOUNDATIONS 2021 CERTIFICATION

Ms.S.Biruntha, Assistant Professor, **CSE** has successfully completed course on "**Oracle Cloud Infrastructure Foundations 2021 Certified Associate**" organized by Oracle Corporation on 14.02.2022.

CSE| ORACLE CLOUD INFRASTRUCTURE 2021 CERTIFICATION
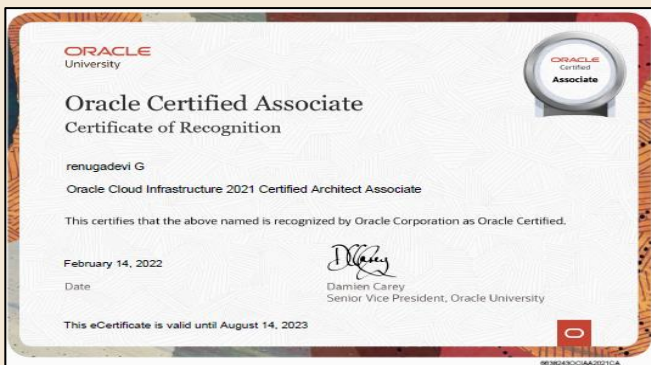
Ms.G.Renugadevi and **Ms.B.Sophia,** Assistant Professor, **CSE** has successfully completed course on "**Oracle Cloud Infrastructure 2021 Certified Architect Associate**" organized by Oracle Corporation on 14.02.2022 and 15.02.2022.

CSE| ORACLE CLOUD INFRASTRUCTURE 2021 CERTIFICATION

Ms.G.Renugadevi, Assistant Professor, **CSE** has successfully completed course on **"Oracle Cloud Infrastructure 2021 Certified Architect Professional"** organized by Oracle Corporation on 14.02.2022.

CSE| VIRTUAL TRANING PROGRAM ON DATA SCIENCE

Ms.N.Kousika, Assistant Professor, **CSE** has successfully completed certification course on **"Virtual Training Program on Data Science"** in Collaboration with ExcelR Solutions Under ISTE Student Chapter MH -267 during 07.02.2022 to 11.02.2022.

MECH| COURSE ON EXAM LAB INVIGILATOR

Dr.K.P. Yuvaraj, Assistant Professor, **Mechanical Engineering** has successfully completed one week course on **'Exam Lab Invigilator'** organized by TCS - iON Academy. Invigilation of online exams like bank exams and other competitive exams was the course highlights.

ECE| COURSERA CERTIFICATION

Dr.M.Ramkumar, Assistant Professor, **ECE**, has completed an 18 hour course offered by Coursera on "Successful Negotiation: Essential strategies and skills" on 11.2.2022.

ECE| EMERGING MANAGERIAL ISSUES ON START-UP AND ENTREPRENEURIAL JOURNEY

Dr.D.Mohana Geetha, Dr.V.Nandalal, Dr.C.Thirumarai Selvi, Dr.M.Karpagam and Dr.B.Maruthi Shankar, Professors of ECE Department have attended a 5 days online Management Development Program, on **"Emerging Managerial Issues on start-up and entrepreneurial journey",** from 7ᵗʰ to 11ᵗʰ Feb, 2022.

ECE| ATAL FDP ON ROBUST AI; BUILDING THROUGH EXPLORATION, PRE-PROCESSING AND REPRESENTATION

Dr.S.Sasipriya, Professor , **ECE** has participated and successfully completed ATAL academy training on **" Robust AI; Building through exploration, pre-processing and representation"** conducted by IIIT NAYA, Raipur, from 4.2.2022 to 8.2.2022.

AI & DS| AWS CERTIFICATION

Dr.T.Sujatha, Associate Professor, Department of **AI & DS** has completed a course titled **"AWS Academy Machine Learning"** recognized by AWS academy on 15.02.2022.

EEE| WORKSHOP ON INNOVATION, START-UP AND TECHNOLOGY TRANSFER

EEE| WORKSHOP ON INNOVATION, START-UP AND TECHNOLOGY TRANSFER

Following faculty members of **EEE** department have participated in the Five days online workshop on **"Innovation, Start-Up and Technology Transfer"** organized by National Research Development Corporation (NRDC) - Innovation Facilitation center, National Institute of Technology, Tiruchirappalli.

S.No	Name of the Faculty	Designation
1	Dr.K.C.Ramya	Professor & Head
2	Dr.R.Sumathi	Professor
3	Dr.A.Radhika	Professor
4	Dr.S.Sivaranjani	Professor
5	Dr.J.Karthika	Professor
6	Ms.R.Geethamani	Associate Professor
7	Dr.M.Senthilkumar	Associate Professor
8	Dr.B.Karthikeyan	Associate Professor
9	Dr.G.Radhakrishnan	Associate Professor
10	Dr.P.Vinoth Kumar	Associate Professor
11	Dr. Ramji Tiwari	Assistant Professor
12	Dr.T.Kokilavani	Assistant Professor
13	Ms.T.Malini	Assistant Professor
14	Ms.G.Mahalakshmi	Assistant Professor
15	Dr.D.Gunapriya	Assistant Professor
16	Mr.N.Loganathan	Assistant Professor
17	Mr.R.Kavin	Assistant Professor
18	Mr.S.ElamCheren	Assistant Professor
19	Ms.C.Pavithra	Assistant Professor
20	Mr.V.V.Vineeth	Assistant Professor
21	Mr.S.Karthikeyan	Assistant Professor
22	Ms.N.Subha Lakshmi	Assistant Professor
23	Ms.T.Bhavatharani	Assistant Professor
24	Ms.N.Subhashini	Assistant Professor

IT| ORACLE CERTIFIED PROFESSIONAL

Dr.M.Mohammed Mustafa, Associate Professor, Department of **Information Technology** has been recognized as **"Oracle Certified Professional"** by Oracle Corporation.

HEALTHOGRAPHICS

SKCET Buzz

FACULTY PROGRESSION

CSE| SESSION CHAIR IN IEEE CONFERENCE

Dr.P.Mohan Kumar, Professor, **Department of CSE** has been appreciated for his role as a **Session Chair** in the IEEE Sponsored International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI 2022) held at St. Joseph's College of Engineering on 28.01.2022 and 29.01.2022.

CSBS| REVIEWER FOR INTERNATIONAL CONFERENCE

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has been the Reviewer for the **"International Conference on Communication and Computing Technologies for Sustainable Development (ICCCTSD 2022)"** held at Sri Krishna College of Technology, Coimbatore 25th and 26th of January 2022.

CSBS | JOURNAL REVIEWER

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has reviewed **"Asian Journal of Fisheries and Aquatic Research"** on 16 February 2022.

ECE| ADVISORY PANEL MEMBER

Dr.A.Albert Raj, Professor, **ECE** has received an appreciation certificate for participating as an active member of Elsevier advisory panel and giving feedback and suggestions for improvement of Elsevier's products & services in 2021.
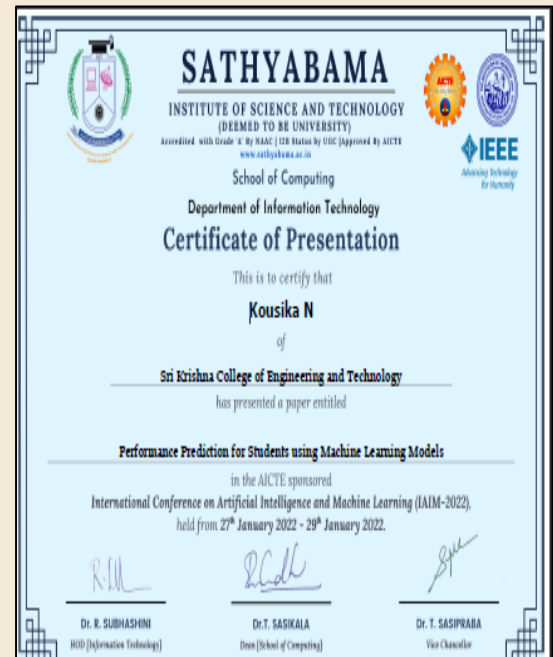
SKCET Buzz

CONFERENCE PRESENTATION

CSE| CONFERENCE PRESENTATION

Ms.N.Kousika, Assistant Professor, **CSE** has successfully presented paper entitled "**Performance Prediction for Students using Machine Learning Models**" in AICTE sponsored International Conference on Artificial Intelligence and Machine Learning (IAIM-2022) held from 27.01.2022 to 29.01.2022.

SOM| CONFERENCE PRESENTATION

Dr.P.Thamaraiselvi, Head of the Department, **School of Management** has participated in the **National Level Management Case Conference 2022** conducted by Sri Sai Ram Institute of Management Studies on 10th January 2022 and presented two cases titled **Mr. Holmes, where did the cash go?** and **Case study on Optimization of Online Retail Space Through Market Basket Analysis Using R.**

CSE| CONFERENCE PRESENTATION

Dr.V.Vijeya Kaveri, Professor, **CSE** has successfully presented paper entitled "**Reliable Electronic Voting Utilizing Adjusted Blockchain Technology**" in AICTE sponsored International Conference on Artificial Intelligence and Machine Learning (IAIM-2022) held from 27.01.2022 to 29.01.2022.

CSE| CONFERENCE PRESENTATION

Ms.B.Sophia, Assistant Professor, **CSE** has successfully presented a paper entitled "**Predictive Analytics of Crime Data using Supervised and Ensemble Learning Methods**" in AICTE sponsored International Conference on Artificial Intelligence and Machine Learning (IAIM-2022) held from 27.01.2022 to 29.01.2022.