

SKCET Buzz



23rd - 29th April 2022



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progression

STUDENT PROGRESSION

MECH | TECHKNOW 2022



MECH | TECHKNOW 2022

Project proposed and demonstrated by a student team from **Third year Mechanical Engineering** Department has been selected as the "**Top 5 best concept for creation of Self Employment**" in the event "**Techknow 2022**" held at Anna University, Chennai from 21.04.2022 to 23.04.2022.

The team was appreciated by Honorable **Chief Minister of Tamil Nadu**. The team has also been provided with an incubation support with financial aid under **Naan Mudalvan scheme** supported by All India Manufacturers Organization (AIMO) and Anna University Incubation Center.

Project Idea: SHE - She Helps Herself Everywhere (an IOT based women safety device)

Team Members:

- BADMA RANI R
- MEENU PRIYA M
- DHARINI A C
- SATHYA RAM N
- SNEHA S
- SANTHOSH B



Team Mentor:

Mr. A. Sathishkumar, Assistant Professor,
Mechanical Engineering

EEE | BEST PROJECT AWARD

SRI KRISHNA
COLLEGE OF ENGINEERING AND TECHNOLOGY

BEST PROJECT AWARD

INTERNATIONAL PROJECT EXPO

"MIND MASTERS - 01"

KUMARI MANGROVE FOUNDATION
Held at Mar Ephraem College of Engineering & Technology, Kanyakumari

FINAL ROUND (OFFLINE)
22ND APR 2022

OUT OF THE TOP 15 SHORTLISTED TEAMS FROM THE 1ST & 2ND SCREENING PROCESSES THE TEAM HAS WON THE AWARD UNDER THE BEST PROJECT CATEGORY.

TEAM AMIGOS
MANSWINI P S (II BE EEE B)
SYED ATHEEF M (II BE EEE B)
SANJAY BHARATHI K (II BE EEE B)
SHAM SUNDAR K (II BE EEE B)
SAMEERA M (II BE CSE B)

MENTOR
Ms. Geethamani R AP/EEE

CASH PRIZE: RS.1,000

Under Atal Community Innovation center, the project is approved for the funding process.

Second year student team from the Department of EEE has been recognized with the **Best Project Award** and a cash prize of Rs.1,000/- in the 'International Project Expo - Mind Masters - 01' held at Mar Ephraem College of Engineering & Technology, Kanyakumari in association with Kumari Mangrove Foundation on 22.04.2022. The project has also been approved for the funding process under Atal Community Innovation Center.

Team Members:

- MANSWINI P S
- SYED ATHEEF M
- SANJAY BHARATHI K
- SHAM SUNDAR K
- SAMEERA M

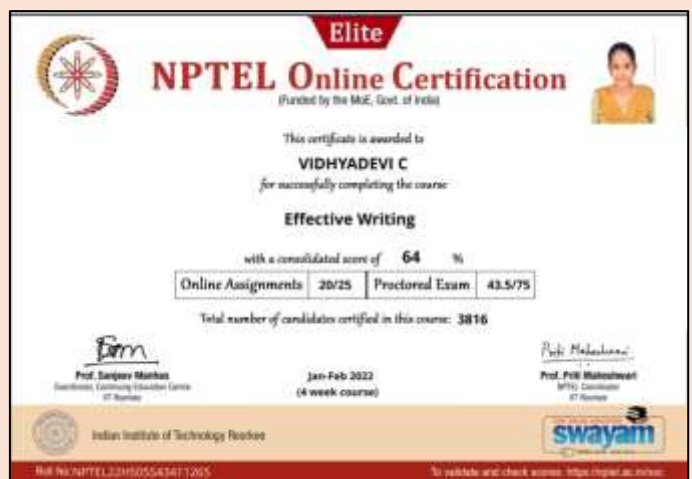
Faculty Mentor:

Ms. R.Geethamani
AP/EEE



STUDENT CERTIFICATION

M.TECH-CSE | NPTEL CERTIFICATION



Students of Second year M.Tech Computer Science and Engineering have successfully completed NPTEL course on 'Effective Writing'.



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AICTE SPONSORED
INTERNATIONAL CONFERENCE

IT | AICTE SPONSORED INTERNATIONAL CONFERENCE- INAUGURAL SESSION

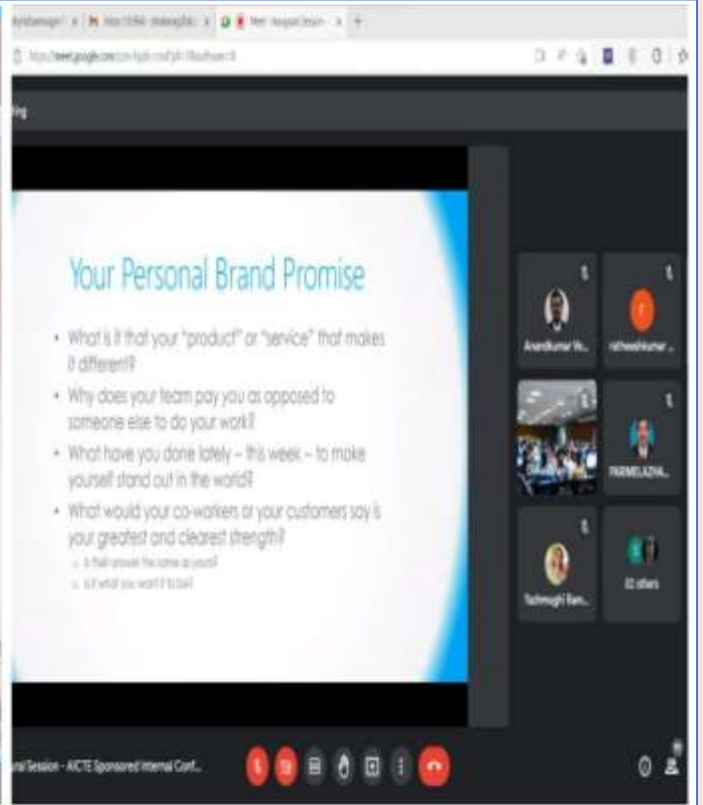


Department of **Information Technology** organized AICTE sponsored Two days International Conference on “**Recent Advances in Fog and Edge Computing**” (ICRAFEC’22). The Inaugural Session was conducted on 25.04.2022. **Dr. N.Susila**, HOD, IT welcomed the gathering. **Principal Madam Dr. J Janet** delivered the presidential address. Madam in her speech extended a congenial welcome to all the delegates and participants of the conference and conveyed her hearty wishes to all the participants. **Dr. Ross Smith**, FRSA, Supportability Engineering Leader, Microsoft, US was the Chief Guest.

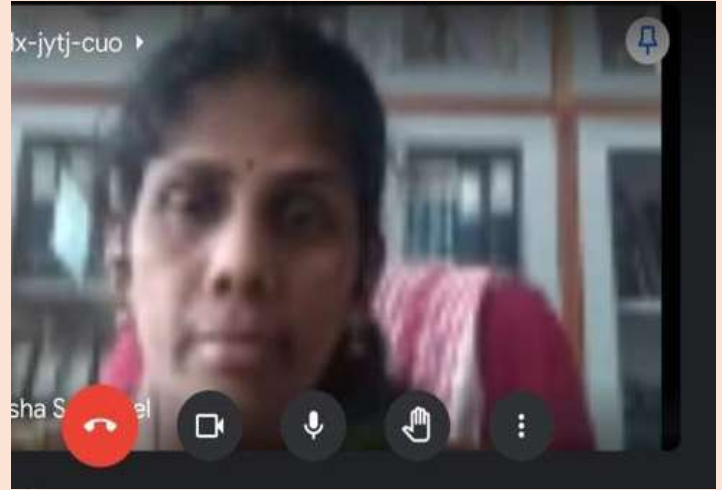
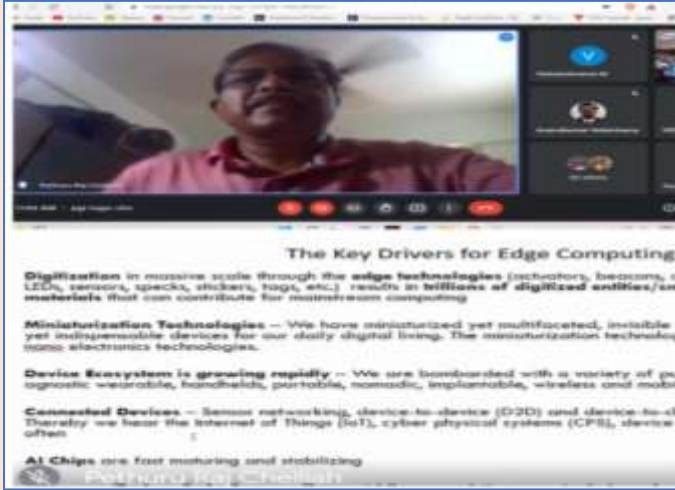
Highlights of the talk:

- Branding ourselves
- Brand authenticity
- Finding our niche and thriving.
- Better ways to measure success.
- Being public with our dreams.

IT | AICTE SPONSORED INTERNATIONAL CONFERENCE- INAUGURAL SESSION



IT | AICTE SPONSORED INTERNATIONAL CONFERENCE- DAY 1



Session 1:

Resource Person: Dr. Pethuru Raj Chelliah, Chief Architect and Vice President, Site Reliability Engineering Division, Reliance JIO Infocomm Ltd., Bengaluru.

Session Highlights:

- FOG computing
- EDGE computing
- Leveraging the computing capabilities
- Carry out cloud

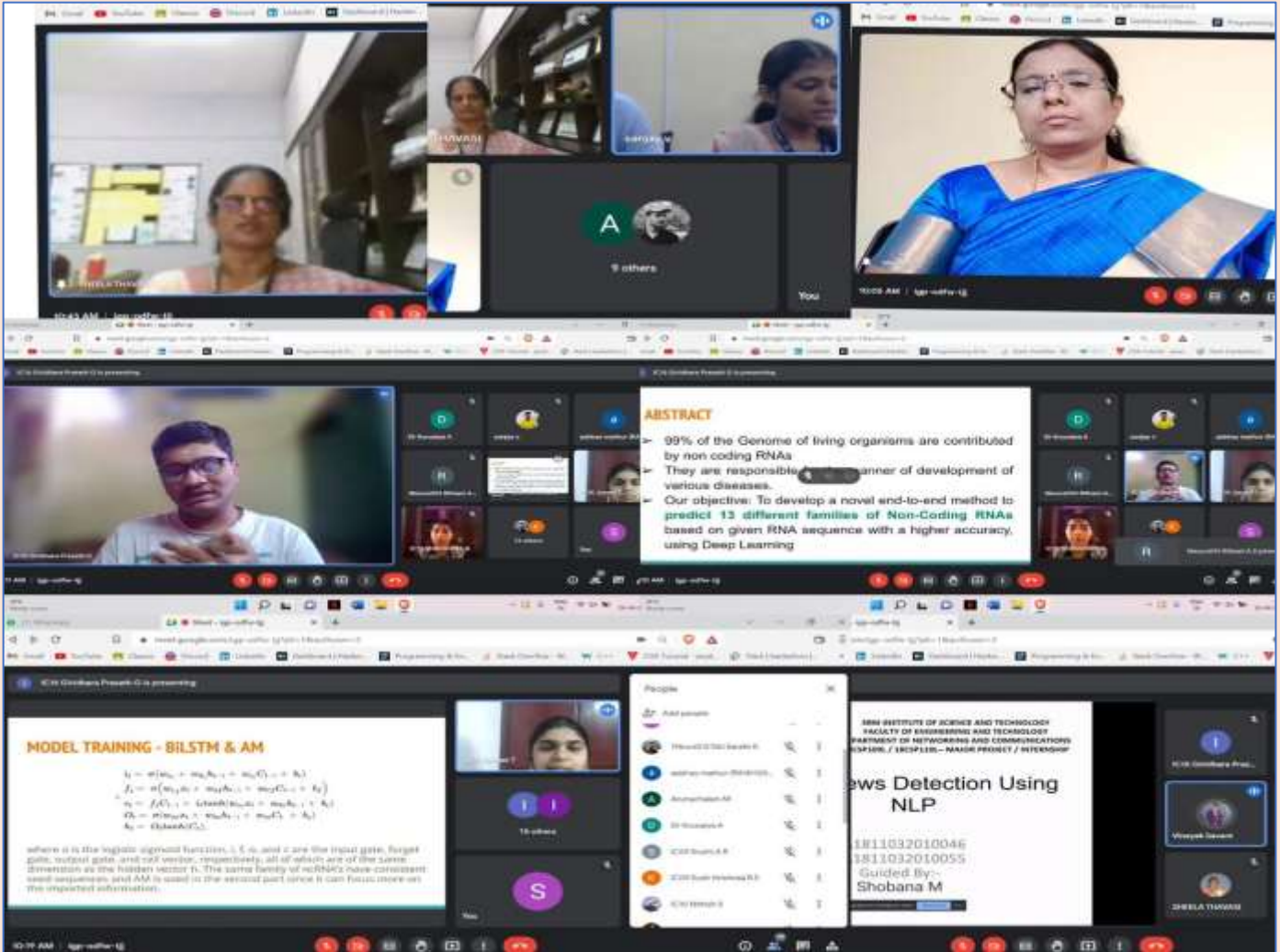
Session 2:

Resource Person: Dr.S.Usha, Dean- R & D RajaRajeswari Engineering College, Bengaluru.

Session Highlights:

- Vehicular Cloud Applications
- IoT Cloud Architecture
- Deep Learning in Edge and Fog cloud
- Resource Sharing in Edge Cloud

IT | AICTE SPONSORED INTERNATIONAL CONFERENCE- DAY 2



Session 1

Resource Person: Dr.T. Sheela, HoD, IT and Dean , Sri SaiRam Engineering College, Chennai.

Session Highlights:

- Intelligent Data Analytics
- FEC(Fog and Edge Computing)-based IoT
- Security and Privacy in FEC
- Communication and Network Architecture protocol for FEC

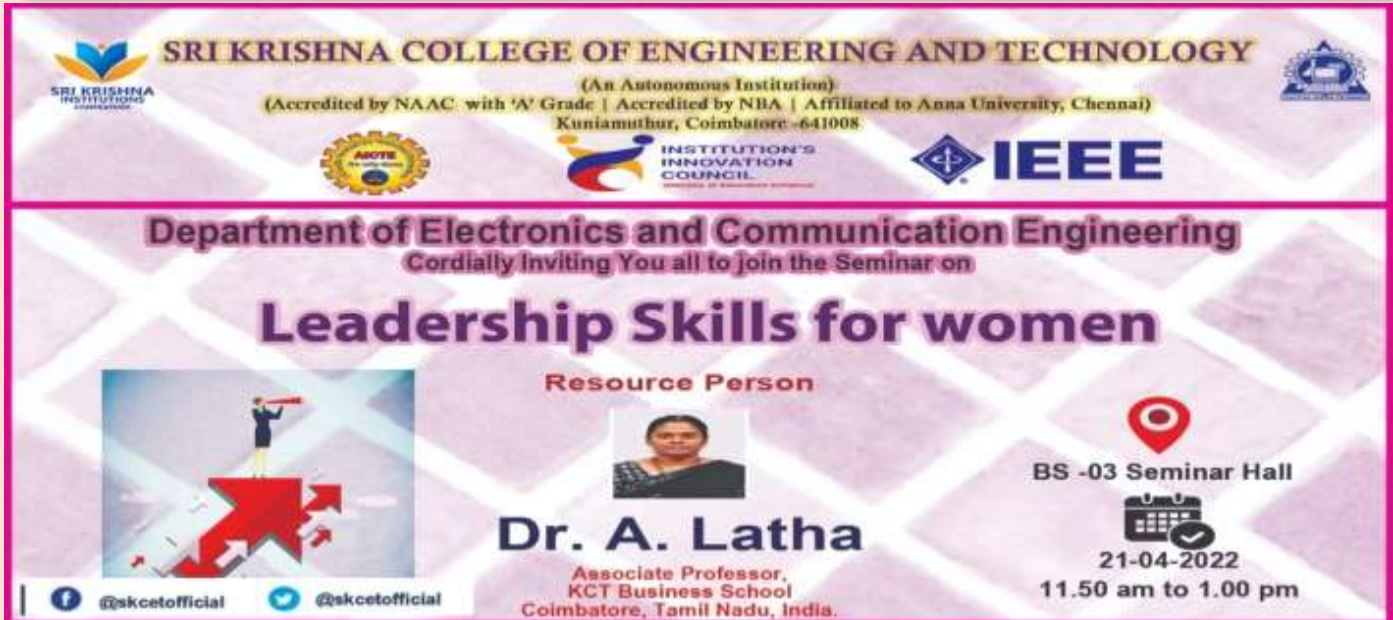


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EVENTS

ECE | SEMINAR ON LEADERSHIP SKILLS FOR WOMEN



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
 (An Autonomous Institution)
 (Accredited by NAAC with 'A' Grade | Accredited by NBA | Affiliated to Anna University, Chennai)
 Kuniamuthur, Coimbatore -641008

IEEE

Department of Electronics and Communication Engineering
 Cordially Inviting You all to join the Seminar on

Leadership Skills for women

Resource Person



Dr. A. Latha
 Associate Professor,
 KCT Business School
 Coimbatore, Tamil Nadu, India.

BS -03 Seminar Hall
 21-04-2022
 11.50 am to 1.00 pm

@skcetofficial



As a part of IEEE Women Empowerment Programme, Department of ECE organized a Guest Lecture on the topic “Leadership Skills for Women” on 21.04.2022. Dr. A. Latha, Associate Professor, KCT Business School, Coimbatore was the Resource Person.

ECE | KRISHNECS 2K22- SYMPOSIUM | NON TECHNICAL EVENTS



A National Level Technical Symposium **KRISHNECS-2K22** was organized by the Department of **Electronics and Communication Engineering** sponsored by **IEEE Madras Section**. As a part of it six Non- Technical Events were conducted in hybrid mode, around 300+ participants from various colleges actively participated in the following events and winners were awarded with E-certificates.

- Quiz
- Poster Presentation
- Capture the Flag
- Whodunit
- War of Words
- Mr. And Ms. Geeks

ECE | KRISHNECS 2K22- SYMPOSIUM | TECHNICAL EVENTS



As a part of **KRISHNECS -2K22** four technical events were conducted in hybrid mode, around 200 participants from various colleges participated in the following events and the winners were awarded with certificate and shield for Project Expo and circuit debugging.

- Circuit Debugging
- Project Expo
- Paper Presentation

SOM | GUEST LECTURE ON INNOVATION & STRATEGIES



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution/ Accredited by NAAC with A Grade/ Approved by AICTE/ Affiliated to Anna University
Kuniamuthur, Coimbatore - 641 001)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

SCHOOL OF MANAGEMENT

Inviting you all to Join for a Guest Lecture on

***Innovation & Strategies:
Unearthing the routes of Entrepreneurship***

Resource Person
Mr. Shyam Prasad Rajasekaran
Co-founder and CEO
Veg Route Agri Tech (P) Limited

22nd April 2022
@ 11:00 am
B503 Hall, SKCET



School of Management in association with Institution's Innovation Council (IIC) organized a Guest Lecture on "Innovation and Strategies: Unearthing the routes of Entrepreneurship" for the First year MBA students on 22.04.2022. Mr. Shyam Prasad Rajasekaran, Co-founder and CEO of Veg Route Agri Tech Private Limited was the Resource Person.

Session Highlights:

- Idea generation, sourcing funding for start-up
- Marketing strategies
- Consumer Behaviour
- B2C Supply chain Management

S&H | EXTENDED HOUR ACTIVITY



Creative Club of SHA conducted **Creative Wall Hanging Decor** for the **First year BE/B.Tech/M.Tech** students. As art stimulates creativity and imagination, this event was conducted to foster enjoyment and appreciation of the knowledge of the students interested in designing.

S&H | EXTENDED HOUR ACTIVITY



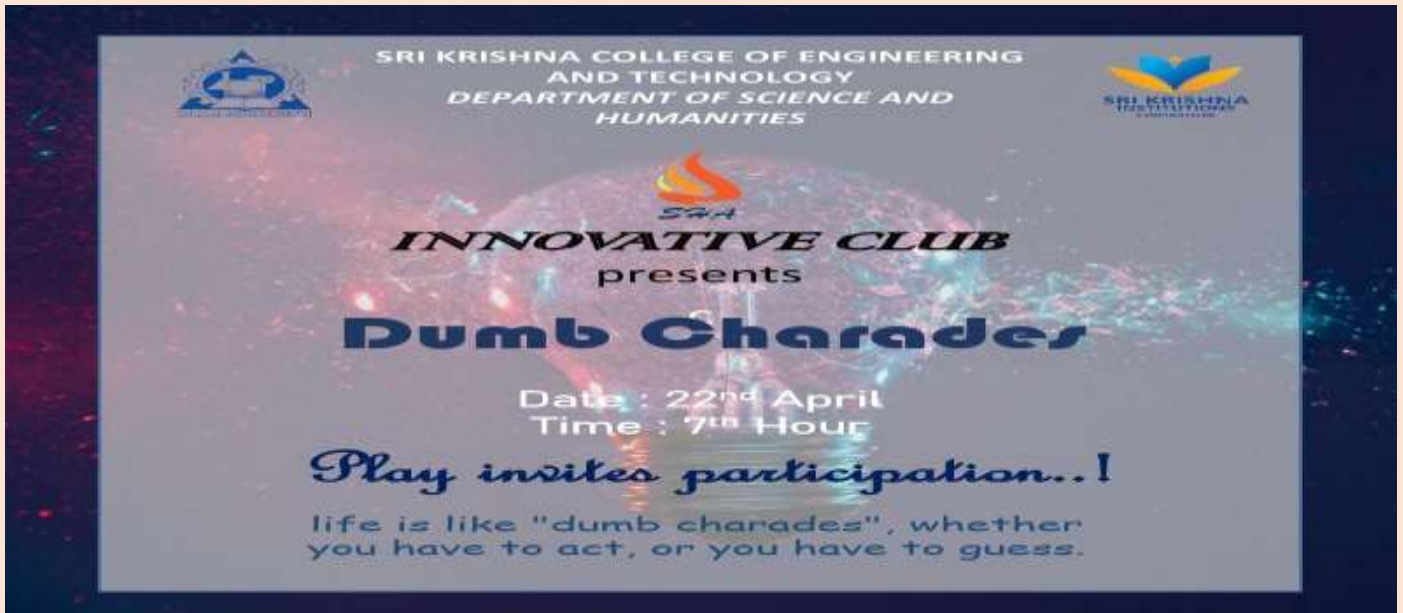
Creative Club of SHA conducted **Pencil Art competition** on the theme **Unity and Peace** for the **First year BE/B.Tech/M.Tech** students. The event created an opportunity for the students to express their ideas on unity and peace in an appropriate way and encouraged them to develop creativity.

S&H | EXTENDED HOUR ACTIVITY



Eco Club of SHA conducted Drawing and Video Contest as a part of Conservation of Earth Program 2022 for the First year BE/B.Tech/M.Tech students in a view to elaborate environmental conservation, its needs and ways of conserving the environment and to incorporate sustainable development.

S&H | EXTENDED HOUR ACTIVITY



Innovation Club of SHA conducted **Dumb Charades competition** for the **First year BE/B.Tech/M.Tech** students to build an ability to communicate non-verbally. The events enriched students' vocabulary in the field of science and alleviate their inhibitions and made them comfortable to converse.



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PLACEMENT & TRAINING

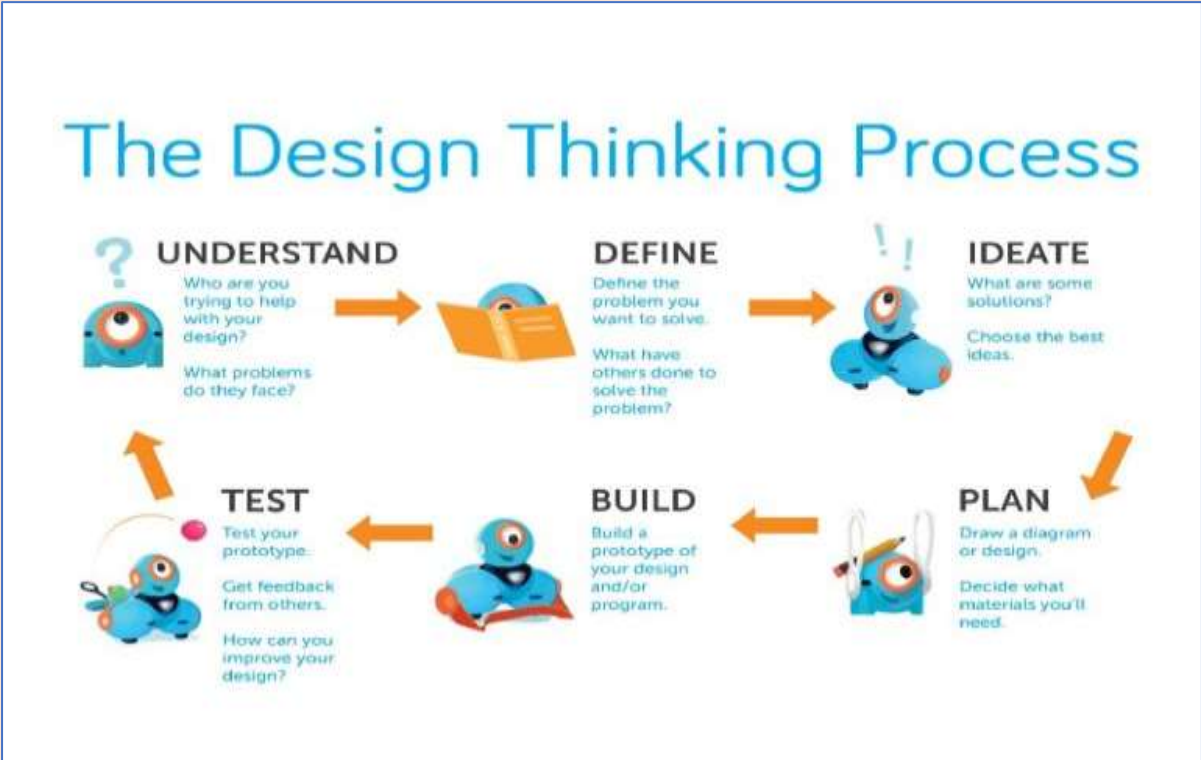
SKCET | TESTIMONIAL BY PLACED STUDENTS



My sincere appreciation and gratitude to the Training & Placement Department and all the faculty members of Sri Krishna College of Engineering and Technology for their efforts in imparting quality technical and aptitude training. I am very grateful to all my faculty members for effectively and sincerely helping me to grab the first ever opportunity.

**Keerthana N-EEE [2022Batch]
Wipro -3.5 LPA**

INFOGRAPHICS



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RESEARCH & DEVELOPMENT

R&D | PAPER PUBLICATION | ECE

Following faculty members and students from the Department of ECE have presented and published papers in the 2022 International Conference on Advanced Computing Technologies and Applications (ICACTA). It is a Scopus Indexed IEEE Conference.

Name of the Authors	Title of the Paper
Dr.Karpagam. M; Sowmya. K; Prabha. D	An Implementation of MIMO and OFDM Based Visible Light Communication System for Indoor Environment
Ms.AshaBanu S. M; Sunil M; Vallimaharajan G; Udhayanan C	Child Safety Monitor in Cars Using Machine Learning
Dr.Ram Kumar M; Gokula Krishnan E; Dharneeshwar R; Dinep Kumar M	Detection Of Arrhythmia Using Machine Learning(Heart Disease) And ECG
Ms.G. Saranya; M. Dharaniga; S.K. Dhanushmathi; R. Dharsheeni	Air Pollution Monitoring and Mapping Services Using Wireless Sensor Nodes and IoT
Ms. Karthi S P; Ahash Ram R L; Buvanesh K K; Eric Amalan J; Harishkumar S	Electric Vehicle Speed Control with Traffic sign Detection using Deep Learning
Mr. Sarath Kumar R; GokulPrasanth M; Bharath Kumar R; Abhishek J; Ajay D	LPWAN for IoT

R&D | PATENT PUBLICATION | CIVIL

(1) PATENT APPLICATION PUBLICATIONS	(2) Application No: 20224015663 A
(3) INDIA	
(2) Date of filing of Application: 22/03/2022	(4) Publication Date: 15/04/2022
(5) Title of the invention: LOW-COST POTABLE WATER PURIFIER	
(6) International classification: C02F001440000, C02F030200000, C02F00120000, C02F00160000, C02F00900000	(7) Name of Applicant: 1)Dr.N.Vijayeswaran Address of Applicant: Assistant Professor, Sri Krishna College of Engineering and Technology, Coimbatore
(8) International Application No. Filing Date: PCT / 01/01/1970	2)Mr.M.R.Ezhilkumar 3)Dr.S.Seeviraman 4)Mr.P.R.Riyas 5)Vignesh T Name of Applicant: NA Address of Applicant: NA
(9) International Publication No. Filing Date: NA	(10) Name of Inventor: 1)Dr.N.Vijayeswaran Address of Applicant: Assistant Professor, Sri Krishna College of Engineering and Technology, Coimbatore
(10) Patent of Addition to Application Number: NA Filing Date: NA	2)Mr.M.R.Ezhilkumar Address of Applicant: Assistant Professor, Sri Krishna College of Engineering and Technology, Coimbatore
(11) Divisional Application Number: NA Filing Date: NA	3)Dr.S.Seeviraman Address of Applicant: Assistant professor & Head, Dhanesh Ahmed Institute of Technology, Coimbatore
	4)Mr.P.R.Riyas Address of Applicant: Assistant Professor, Dhanesh Ahmed Institute of Technology, Coimbatore

Dr. V. Yogeshwaran and Mr. M. R. Ezhil Kumar, Assistant Professors, Department of Civil Engineering along with Mr. T. Vignesh, Assistant Professor, Department of Mechatronics Engineering has published a patent titled "Low-Cost Potable Water Purifier" on 15.04.2022.

R&D | PAPER PUBLICATIONS | MCT

Dr.Narasimharaj V, Associate Professor, MCT has published a paper entitled "A Comparative study on subtractive manufacturing and Additive manufacturing" in the journal Advances in Material Science and Engineering".



R&D | PAPER PUBLICATION | CSBS



Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has published a research paper titled **“Reflections on COVID-19 in India: A survey”** in the International Journal of Pharmaceutical Research and the paper is indexed in World Health Organization (WHO).

LEGENDARY INSIGHTS



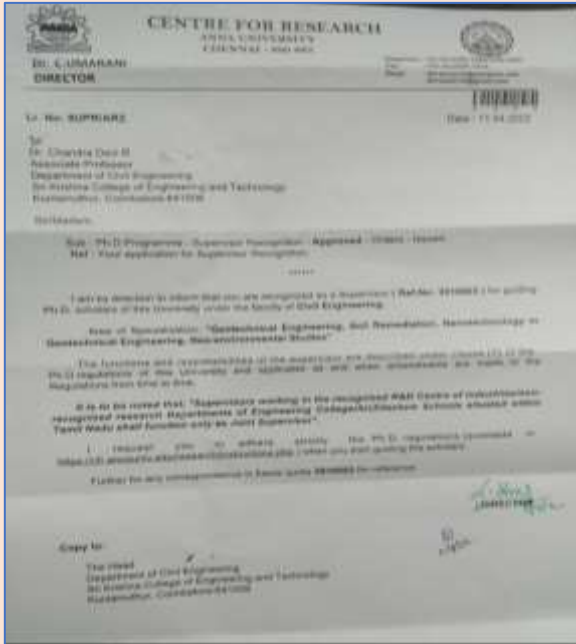


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FACULTY PROGRESSION

CIVIL | FACULTY SUPERVISOR RECOGNITION



Dr. R. Chandra Devi, Associate Professor, Department of **Civil Engineering** has been recognized as a Supervisor for guiding Ph.D Scholars of Anna University under the specialization of Geotechnical Engineering, Soil Remediation and Geo-Engineering studies.

CSE | JOURNAL REVIEWER

Dr. P. Mohan Kumar, Professor, CSE has received a certificate of appreciation for being the Reviewer Member of “Asian Research Journal of Mathematics 2022”.














CSBS | JOURNAL REVIEWER



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has successfully reviewed the article titled “Progressive Privacy-Preserving Distributed and Parallel Similarity Retrieval of Large CT Image Sequence Database in Mobile Telemedicine Networks” on April 2022 for publication in IEEE Access.

HEALTHOGRAPHICS

MORE REASONS TO EAT FRUIT!

- Cherries help calm your nervous system** 
- Grapes relax your blood vessels** 
- Peaches are rich in potassium, fluoride and iron** 
- Apples help your body develop resistance against infections** 
- Watermelon helps control your heart rate** 
- Oranges help maintain great skin and vision** 
- Strawberries can potentially fight against cancer and aging** 
- Bananas are great for athletes because they give you energy** 
- Pineapples help fight arthritis** 
- Blueberries protect your heart** 
- Kiwis increase bone mass** 
- Mangos protect against several kinds of cancer** 



FACULTY CERTIFICATION

EEE | AICTE-ISTE REFRESHER PROGRAMME ON MICROGRID: INTEGRATION AND POWER QUALITY ISSUES



Mr.R.Kavin, Assistant Professor, EEE has participated in the AICTE-ISTE approved Refresher Programme on **“Microgrid: Integration and Power Quality Issues”** organized by Nalla Malla Reddy Engineering College, Hyderabad.

MECH | CERTIFICATE OF RECOGNITION FROM AUTODESK

Dr. K. P. Yuvaraj, Assistant Professor, **Mechanical Engineering** has received a certificate of appreciation from **Autodesk** and **ICT Academy** for the support rendered for the smooth conduct of India Design Week on 25.03.2022.



CSE | LINUX WORLD CERTIFICATION



Ms.B.Sophia, Assistant Professor, CSE has completed “**Industry Relevant AWS Training Programming**” and “**Fundamentals of Quantum Computing Program**” conducted by LinuxWorld.

M.TECH-CSE | NPTEL CERTIFICATION



Dr.B.Arun Kumar, Associate Professor, Department of M.Tech Computer Science and Engineering has successfully completed NPTEL course on 'Effective Writing' and has obtained Elite Certification.

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CONFERENCE PRESENTATION

M.TECH-CSE | CONFERENCE PRESENTATION



Dr. P.Kavitharani, Professor and Head, M.Tech CSE has presented a paper titled **“Bug Triaging Automation using Text Processing and Machine Learning Techniques”** in the 1st International Conference on Computational Intelligence and Innovative Technologies (ICCIIT - 2022) , IICMR Pune.

CSE | INTERNATIONAL CONFERENCE PRESENTATION



Ms.B.Sophia, Assistant Professor, CSE has presented a paper entitled **“Early Prediction of Heart Anomalies Using Machine Learning”** in the Second International Conference on Soft Computing for Security Applications(ICSCS 2022) organized by Dhirajlal Gandhi College of Technology, Salem on 21.04.2022 and 22.04.2022 .

MECH | CONFERENCE PRESENTATION



Dr. K. P. Yuvaraj, Assistant Professor, Mechanical Engineering along with Nitin Vyas R and Nandheesh D T, students of Final year Mechanical Engineering has presented a scientific article entitled 'Mechanical Behavior of Friction Stir Welded AA7075-T6 and AA6063-T6 joints - An experimental study' in the 4th International Conference on Advances in Mechanical Engineering (ICAME 2022) organized by SRM Institute of Science and Technology from 24.03.2022 to 26.03.2022.