

SKCET



Buzz

23rd to 29th October, 2021



e – Academia Special Issue: 85

Editor-in-Chief

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Principal**

Co-Editor

Dr.S.Venkata Lakshmi – AI & DS

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Mrs.S.Mary Fabiola - S&H

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HACKATHON ACCOLADES

AI&DS | HACKATHON ON AI FOR SOCIAL GOOD



Student team “Technocrats” from AI & DS has won **First place** in “AI FOR SOCIAL GOOD” Hackathon an AI application based Hackathon organized by DeepVisionTech.AI from 06th to 13th October, 2021.

Title: 3D Motion Capture from 2D Videos

Team Members:

- ❖ Prabitha P – II AI & DS (Team Leader)
- ❖ Veena Devi C – II AI & DS
- ❖ Dhivakaran V R – II AI & DS

Mentors:

Dr. S. Venkata Lakshmi,

HoD / AI & DS

Ms. R. Mirdula, AP/ AI & DS

MCT | HACKATHON ON AI FOR SOCIAL GOOD



Student team “Xtremum” from Mechatronics Engineering has won **First place** in “**AI FOR SOCIAL GOOD**” Hackathon an AI application based Hackathon under the topic of **Chatbot with Customizable Voice** organized by **DeepVisionTech.AI** from 06th to 13th October, 2021.

Team Members:

- Achitha M
- Hemand Adish R
- Ashik illahi M

Mentors:

Dr.M. Lydia HOD/MCT &
Mr.Vignesh T AP/MCT

AI & DS | HACKATHON ON AI FOR SOCIAL GOOD



Following Second year students of Artificial Intelligence and Data Science Department have participated in “AI for Social Good Hackathon” organized by the DeepVisionTech.AI organized from 6th to 13th October 2021.

S. No	Name
1	ARAVIND G
2	SANTHIYA A
3	SAPARNA K
4	VARSHINI S
5	VISHNU R



STUDENT CERTIFICATIONS

MCT | COURSERA CERTIFICATION



Dharshini K, student of **Final year MCT A** has successfully completed a course titled **Software Security**, authorized by University of Maryland and offered through Coursera.

CSBS| BOOTCAMP ON BASICS OF WEB DEVELOPMENT

Rokith P, student of **Second year Computer Science and Business System** has successfully completed the 7 day long Bootcamp on **“Basics of Web Development”** offered by ShapeAI in collaboration with Developer Student Clubs conducted by Birla Institute of Technology, Mesra during October 2021.



MCT | NPTEL CERTIFICATION

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
VINEY RANGASAMY B
for successfully completing the course

Entrepreneurship and IP strategy

with a consolidated score of **73** %

Online Assignments **22.08/25** | Proctored Exam **51/75**

Total number of candidates certified in this course: **794**

Jul-Sep 2021
(8 week course)

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523312690

To validate and check scores: <https://nptel.ac.in/noc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
VISHNU GIRISHKUMAR
for successfully completing the course

Entrepreneurship and IP strategy

with a consolidated score of **72** %

Online Assignments **22.5/25** | Proctored Exam **49.5/75**

Total number of candidates certified in this course: **794**

Jul-Sep 2021
(8 week course)

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523313509

To validate and check scores: <https://nptel.ac.in/noc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
YOGESH MUTHU RAM M
for successfully completing the course

Entrepreneurship and IP strategy

with a consolidated score of **79** %

Online Assignments **23.33/25** | Proctored Exam **55.5/75**

Total number of candidates certified in this course: **794**

Jul-Sep 2021
(8 week course)

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102524380506

To validate and check scores: <https://nptel.ac.in/noc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
ABHINAV KUMAAR K
for successfully completing the course

Entrepreneurship and IP strategy

with a consolidated score of **71** %

Online Assignments **22.92/25** | Proctored Exam **48/75**

Total number of candidates certified in this course: **794**

Jul-Sep 2021
(8 week course)

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523301455

To validate and check scores: <https://nptel.ac.in/noc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
ADITHYAA RAMESH
for successfully completing the course

Entrepreneurship and IP strategy

with a consolidated score of **76** %

Online Assignments **23.33/25** | Proctored Exam **52.5/75**

Total number of candidates certified in this course: **794**

Jul-Sep 2021
(8 week course)

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523311753

To validate and check scores: <https://nptel.ac.in/noc>

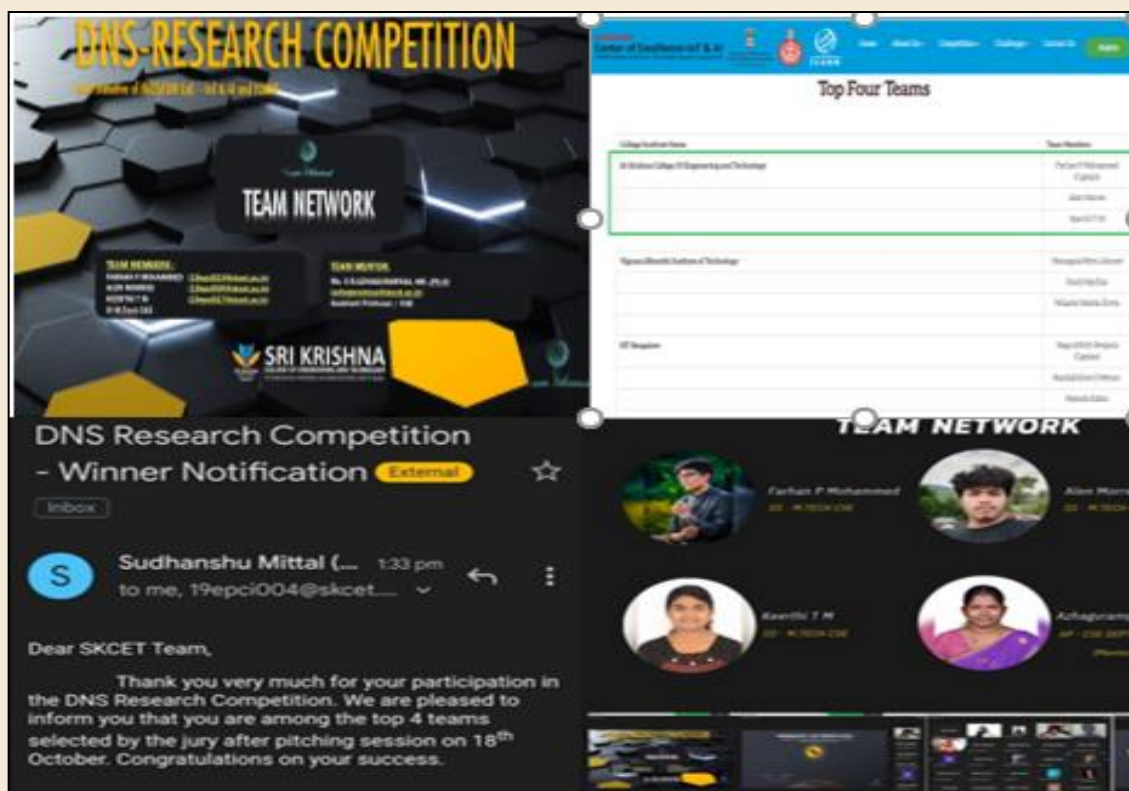
Following **Final** year MCT students have successfully completed and secured **Elite & Elite+Silver** certificates from NPTEL for **Entrepreneurship and IP strategy** course conducted during Jul-Sep 2021.

S.NO	STUDENTS NAME	GRADE
1.	VINEY RANGASAMY G	ELITE
2.	VISHNU GIRISHKUMAR	ELITE
3.	YOGESH MUTHURAM M	ELITE+SILVER
4.	ABHINAV KUMAAR K	ELITE
5.	ADITHYAA RAMESH	ELITE+SILVER



STUDENT PROGRESSION

M.TECH CSE | DNS RESEARCH COMPETITION



SKCET student team from the Department of M.TECH CSE is one among the **top 4 list** in the research-based 'DNS Research Competition' organized by Global Internet Body ICANN tied up with Nasscom Centre of Excellence. The shortlisted team will be provided a stipend of Rs 75,000/- to complete their research in 6 months. The team members will be **sponsored by ICANN** for a relevant **ICANN Capitalize Public Meeting**. NASSCOM CoE will also recommend the Team members for **Certified Corporate Internships**.

Team Name: TEAM NETWORK

Team Members:

- Farhan P Mohammed (III M.TECH CSE)
- Alen Morres (III M.TECH CSE)
- Keerthi T M (III M.TECH CSE)

Mentor:

Ms. V.R. Azhaguramyaa, AP/CSE.

M.TECH CSE & CSE | IGNITE 2021- PROJECT EXPO V1.0 - WINNER FELICITATION



Department of Computer Science Engineering organized “IGNITE 2021-Project Expo V1.0” on 20.09.2021 for the students CSE & M.Tech CSE. Dr.P.Kavitha Rani, Professor and Head, CSE announced the result on 26.10.2021. Our beloved Principal Madam Dr.J.Janet appreciated the **First** prize winners and rewarded them with a cash prize Rs.3000/-.

Title of the Project	Team Members	Mentors
Identifying non vaccinated region to prevent third wave in India	Abirami S, II CSE A Ashwin K Biju, II CSE A Aswathy H, II CSE A	Mr.M.Manikandan, AP/CSE Industry: Mr. Shiva Shankar

CIVIL | ALL INDIA NATIONAL CRICKET CHAMPIONSHIP

Govt. Regd No. AG65902/1075

T20 CRICKET ASSOCIATION OF INDIA

Affiliated : Asian T20 Cricket Federation

Office : Azad Market Jeoni Mandi, Agra-282004 (U.P.)

Contact No. : 09358061861, 07017065758, 09027323270 Fax No. : 0562-242966

Website www.t20cal.com, Email Id : msaddik7@gmail.com

President	Treasurer	Adviser	Gen. Secretary
N. Satish A.P.	Rajkumar Halburge Karnataka	M.S. Chauhan M.P.	Mohd. Saddik U.P.

Ref. CAI/786/7599/AGC/2021 Date : 20.09.2021

To

Vibin Periyasamy K K
Master Sports Academy

Lakshmi Nagar
Erode, Tamilnadu-638301

Sub : "8th Goa Gold Cup" All India National T20 Cricket championship
from 20, 21, 22 October 2021 at Goa.

Dear Sir/Madam,

We have great pleasure to inform you that "8th Goa Gold Cup" All India National T20 Cricket championship from 20, 21, 22 October 2021 at Goa organized by T20 Cricket Association Goa under T20 Cricket Association of India.



Vibin Periyasamy K K, student of Second year Civil Engineering has been selected as the Captain of Tamilnadu Under19 cricket team and participated in the "8th All India National Goa Gold Cup" held during 18.10.21 and 22.10.21 at Madgon, Goa

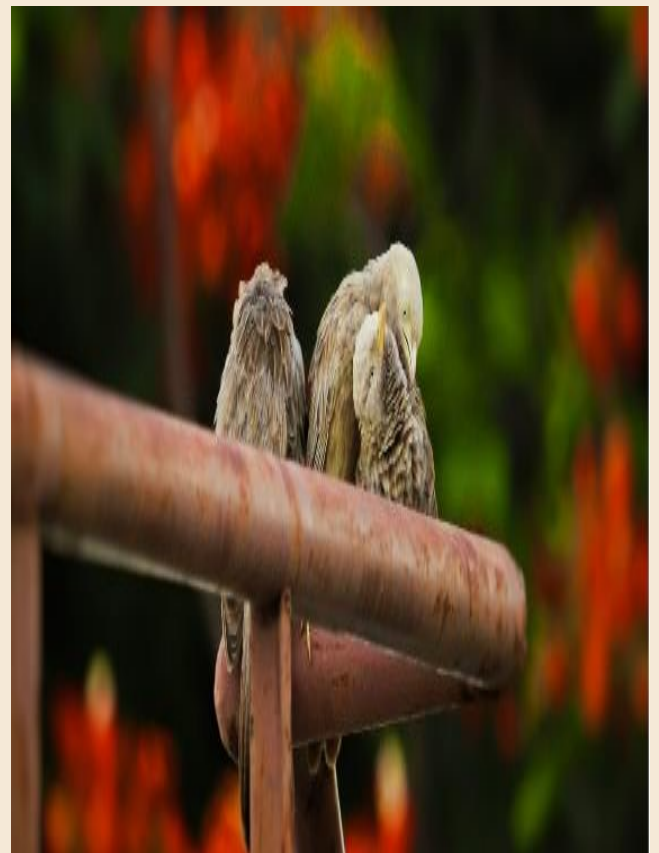
MCT| INTERNSHIP @ SONA STAR INNOVATION



Keshav B, student of Third year MCT A is working on an internship industry live project at **Sona Star Innovation Private Limited** on CATIA Drawing for “Aviation Industry” from 04.10.2021 to 20.10.2021.

CIVIL | PHOTOGRAPHY EVENT

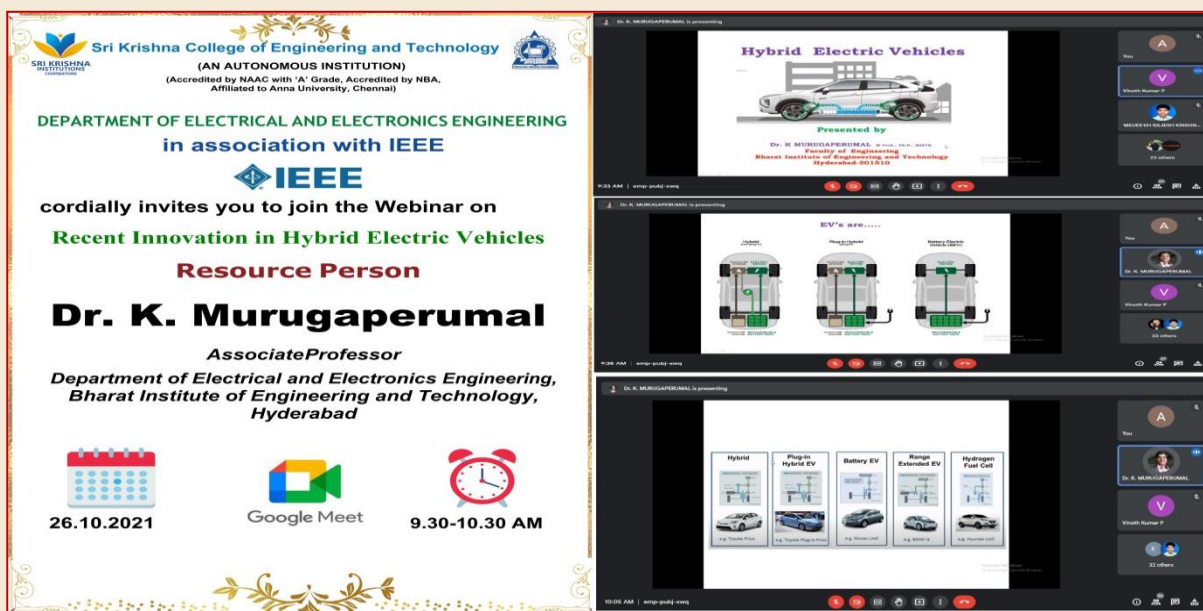
Sujan H, student of Second year Civil Engineering has won Second prize in the Photography event organised by K. Ramakrisnan College of Technology, Trichy on 22.10.2021.





EVENTS

EEE | WEBINAR ON RECENT INNOVATION IN HYBRID ELECTRIC VEHICLES



Department of EEE in association with IEEE organized a Webinar on “Recent Innovation in Hybrid Electric Vehicles” for the Third year students on 26.10.2021. Dr.K. Murugaperumal, Associate Professor, ECE, Bharat Institute of Engineering and Technology, Hyderabad was the Resource Person.

Session Highlights:

- Recent innovations in hybrid electric vehicle.
- Need of electric vehicle for enhancing equivalent power, range, cost and safety of a conventional vehicle while reducing fuel costs and harmful emissions
- Different types of electric vehicles.
- Prototype of electric vehicles.

MCT|FACULTY SEMINAR SERIES



Ananthi K is presenting

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution and affiliated to Anna University, Chennai)
Kuniyamuthur, Coimbatore - 641 008

Department of Mechatronics Engineering
Faculty Seminar Series #4
Internet of Things -Use Case
Presenting by
K. Ananthi,

You're presenting to everyone
Click here to return to the video call
when you're ready to stop
presenting
Google Chrome - meet.google.com

11:46 AM | Faculty Seminar Serie...
Snipping Tool

Department of **Mechatronics Engineering** has initiated **Faculty Seminar Series** as a knowledge-sharing session for the benefit of the faculty members. **Mrs.K.Ananthi**, Assistant Professor of MCT shared her views on the topic **Internet of Things Use Cases** on 27.10.2021. Session Highlights were: IoT Applications, Communication Protocols in IoT, IoT cloud platform and Demo on using MQTT.

SOM | LET US DESIGN USING CANVA | GUEST LECTURE



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 - 641 008

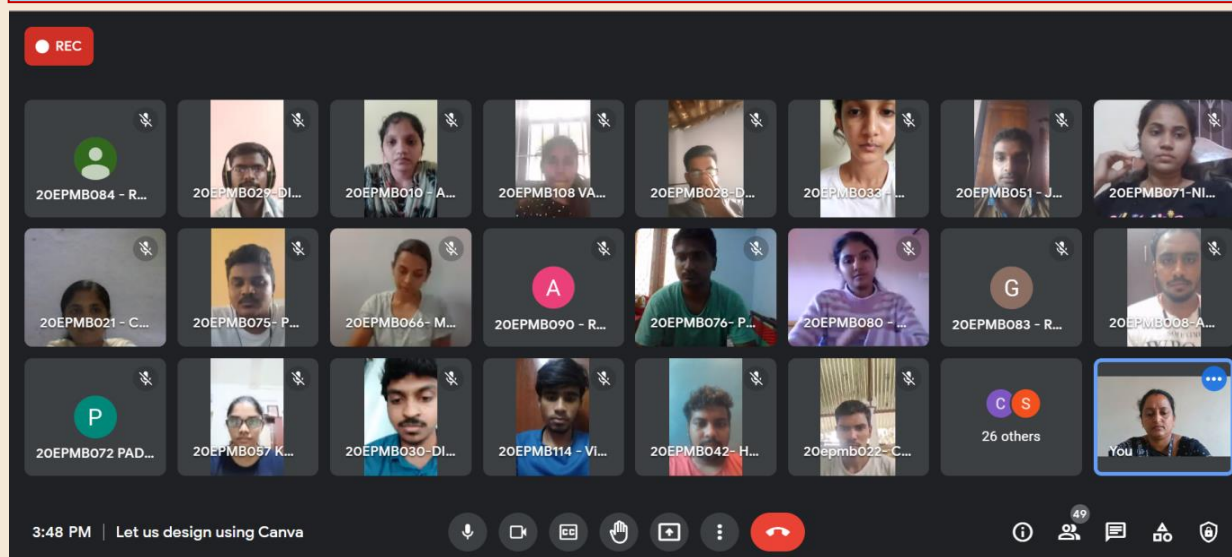
INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

SCHOOL OF MANAGEMENT

Inviting you all to Join for a Guest Lecture on
LET US DESIGN USING CANVA

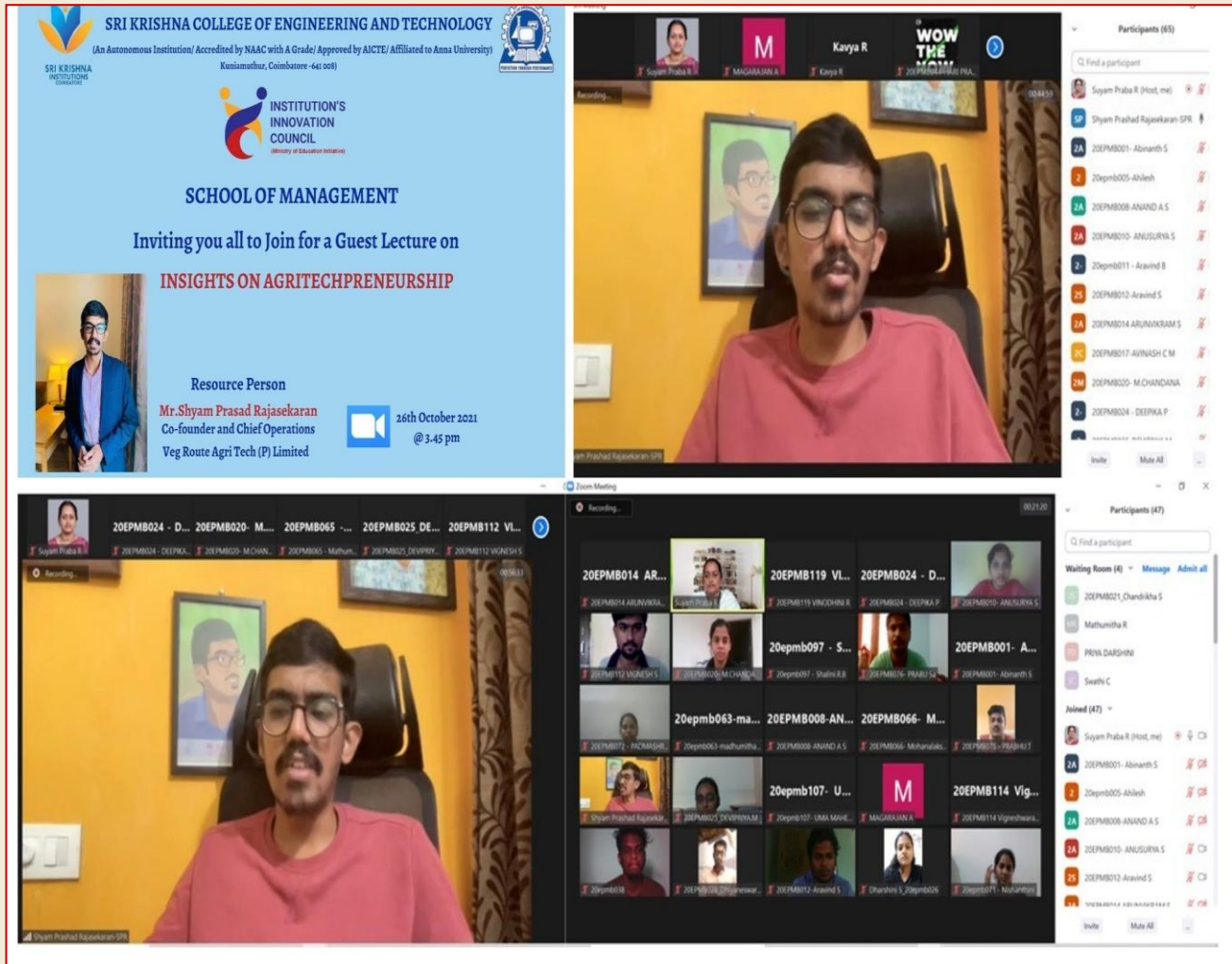
 **Resource Person**
Dr. R. Suyam Praba
Associate Professor
SKSOM

 **18th October 2021**
@ 3.45 pm



School of Management organized a Guest Lecture on “Let us Design using Canva” for the Second year MBA students on 18.10.2021. Dr R Suyam Praba, Associate Professor, SoM demonstrated the Canva app and provided a hands-on training to the students. She also exhibited the working nature of designing and creative tools available in Canva.

SOM | INSIGHTS ON AGRITECHPRENEURSHIP | GUEST LECTURE

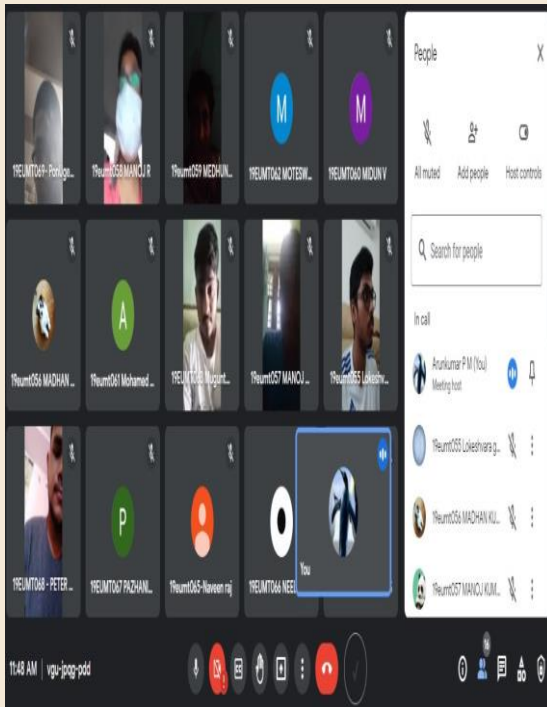


School of Management organized a Guest Lecture “Insights on Agritechpreneurship” on 26.10.2021 for the Second year MBA students. Mr. Shyam Prasad Rajasekaran, Co-founder and Chief Operations of Veg Route Agri Tech Private Limited was the Resource Person. Idea generation, startup fund sourcing, expanding business through technology driven Logistics Management and Business expansion were the pointers of discussion.



TUTOR WARD MEETING

MCT | TUTOR WARD MEETING



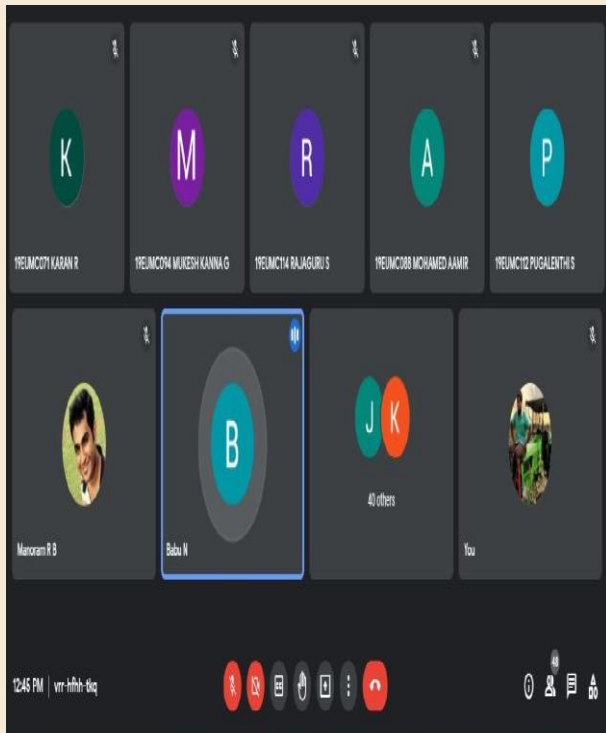
Faculty members of **Mechatronics Engineering** Department conducted **Tutor Ward Meeting** for the **Second, Third** and **Final** year students on 22.10.2021 and 23.10.2021 via Google Meet. The pointers of discussion were: Submission of Quiz and Assignments, CIA 3 Preparation, Participation in Hackathons, Project contest and online class attendance.

MECH| TUTOR WARD MEETING| II YEAR

Tutor Ward Meeting was conducted for the **Second** year students of **Mechanical Engineering** Department by the tutors on 26.10.2021. CIA - 3 examination preparedness, Hackathon participation and other contests were the pointers of discussion.



MECH| TUTOR WARD MEETING| III YEAR



Tutor Ward Meeting was conducted for the **Pre- final** year students of **Mechanical Engineering** Department by the tutors on 26.10.2021. CIA - 3 examination preparedness, Hackathon participation and regularity in placement tests were the pointers of discussion.

LEGENDARY INSIGHTS



**“Every pain gives a lesson
and every lesson changes
a person.”**

— A.P.J Abdul Kalam



RESEARCH & DEVELOPMENT


R&D | JOURNAL PUBLICATION | ECE

links.springer.com/article/10.1007%2Fs11277-021-09066-y#citeas

Springer Link

Published: 12 September 2021

Multilevel Redundant Discrete Wavelet Transform (ML-RDWT) and Optimal Red Deer Algorithm (ORDA) Centred Approach to Mitigate the Effect of ICI, BER and CIR in a MIMO-OFDM System

K. Nagarajan  & S. Sophia

Wireless Personal Communications (2021) | [Cite this article](#)

5 Accesses | [Metrics](#)


Abstract

Nowadays, there is a great demand for ultra-high data rate (UHDR) transmission on most 5th generation wireless networks. In this concern, the multiple-input multiple-output orthogonal frequency division multiplexing (MIMO-OFDM) scheme is used on a large scale to achieve UHDR transmission with reduced inter-symbol interference (ISI) and inter-carrier interference (ICI). Discrete wavelet transform-based OFDM (DWT-OFDM) provides better orthogonality due to presence of orthogonal wavelets, which mitigates the effects caused by ISI and ICI. Also, it has extended bandwidth than the traditional OFDM systems. But a major drawback in this system is that it suffers from down sampling. The down-sampling effect reduces the actual size of the input bit streams. As a result, the system performance is degraded. For solving this problem, a multilevel redundant discrete wavelet transform (ML-

Dr.S.Sophia, Professor and Head, Department of ECE has published a paper entitled “**Multilevel Redundant Discrete Wavelet Transform (ML-RDWT) and Optimal Red Deer Algorithm (ORDA) Centred Approach to Mitigate the Effect of ICI, BER and CIR in a MIMO-OFDM System**” in the journal “**Wireless Personal Communication**”. It is listed in Annexure I of Anna University, Chennai and is Scopus and WoS Indexed.

R&D | ARTICLE PUBLICATION | MECH

2021-28-0267 Published 01 Oct 2021

 **Microstructure and Tribological Characteristics of the Cast A356 with Tungsten Nanoparticles-Based Surface Layer Composite Developed by Friction Stir Processing Route**

Soundararajan R Sri Krishna College of Engg & Tech.

Nishanth Venkitkumar and Jerald Immanuel Prince Edward sri krishna college of engg and tech.

Kaviyaran K Sri Krishna College Of Technology

Citation: Soundararajan, R., Venkitkumar, N., Prince Edward, J.I., and Kaviyaran, K., "Microstructure and Tribological Characteristics of the Cast A356 with Tungsten Nanoparticles-Based Surface Layer Composite Developed by Friction Stir Processing Route," SAE Technical Paper 2021-28-0267, 2021, doi:10.4271/2021-28-0267.

Dr.R.Soundararajan, Associate Professor, Mechanical Engineering along with **V.Nishanth** and **P.Jerald Immanuel**, students of Third year Mechanical Engineering have published a Scientific Research Article entitled 'Microstructural and Tribological Characteristics of Cast A356 with Tungsten Nanoparticle - Based Surface Layer Composite Developed by Friction Stir Processing Route' in the SAE International - A Scopus indexed journal.

R&D | ARTICLE PUBLICATION | MECH



Dr.R.Soundararajan and **A.Sathishkumar**, faculty members - **Mechanical Engineering** along with **P.Jerald Immanuel** and **V.Nishanth**, **Third year Mechanical Engineering** students have published a Scientific Research Article entitled 'Microstructural Changes and Mechanical Properties Upgrading Over Friction Stir Processing Strategies on A356 Alloy with Tungsten Nano Particle Surface Layer Composites' in the SAE International Journal, a Scopus indexed journal.

R&D | JOURNAL PUBLICATION | ECE



Dr.D.Mohanageetha, Professor, ECE has published a paper entitled "Efficient Key Management System Based Lightweight Devices in IoT" in the journal Intelligent Automation & Soft Computing. It is listed in Annexure I of Anna University, Chennai. It is a Scopus and WoS Indexed Journal.

R&D | SCIENTIFIC RESEARCH ARTICLE PUBLICATION | MECH

Hindawi
Advances in Materials Science and Engineering
Volume 2021, Article ID 8163164, 8 pages
<https://doi.org/10.1155/2021/8163164>

Research Article
Investigation on Microstructure and Tensile Properties of High-Strength AA2014 Aluminium Alloy Welds Joined by Pulsed CMT Welding Process

Rajendran Chinnasamy , **Samson Jerold Samuel Chelladurai** ,¹ and **Tushar Sonar**²

¹Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore 641008, India
²Centre for Materials Joining and Research (CEMAJOR), Department of Manufacturing Engineering, Annamalai University, Annamalai Nagar 608002, India

Correspondence should be addressed to Samson Jerold Samuel Chelladurai; samsonjeroldsamuel@skcet.ac.in
Received 30 May 2021; Revised 16 August 2021; Accepted 2 September 2021; Published 22 October 2021
Academic Editor: Akbar Heidarzadeh

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Dr.C.Rajendran and Dr.Samson Jerold Samuel, Associate Professors, Mechanical Engineering have published a scientific research article entitled 'Investigation on microstructure and tensile properties of high strength AA2014 Aluminium alloy welds joined by Pulsed CMT welding process' in Advances in Materials Science and Engineering journal - A Hindawi publication. The journal is listed in Anna University Annexure 1 (Impact Factor: 1.726). It is indexed in SCI and Scopus.

Link of the article:

<https://www.hindawi.com/journals/amse/2021/8163164/>

R&D | JOURNAL PUBLICATION | EEE

Conferences > 2021 Second International Con...

Fuzzy Logic Controller Based Speed Ripple Reduction in PMSM

Publisher: IEEE [Cite This](#) [PDF](#)

Subha Lakshmi N., Aail Kumar N., Baskara Sethupathi K., Govindham M., Harish Gokul R. All Authors

3 Full Text Views

Abstract
The pulsating torque produced in the Permanent Magnet Synchronous Motor (PMSM) causes a speed ripple which leads to speed variation and reduced efficiency of the motor. The use of conventional controller such as PI, PD and PID however causes system non-linearity and load torque variations. To overcome this issue a fine tuned fuzzy logic technique is implemented with certain control algorithm using MATLAB simulation. By this closed loop control technique, a consistent speed performance of PMSM is achieved. The simulation results of PMSM using FLC shows the higher result compared to traditional technique. Thus the fuzzy logic system gives the reduced speed ripple which can be implemented in electrical vehicle.

Document Sections

- I. Introduction
- II. Literature Survey
- III. Block Diagram
- IV. Fuzzy Logic Controller
- III. Existing System

Published In: 2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 4-8 Aug. 2021 **DOI:** 10.1109/ICESC51422.2021.9533006

Date Added to IEEE Xplore: 23 September 2021 **Publisher:** IEEE

Authors **ISBN Information:** **Conference Location:** Coimbatore, India

References
I. Introduction
With the advantage of low rotor inertia, high efficiency and smart accelerated ability, the Permanent Magnet Synchronous Motor (PMSM) is widely utilized in various types of industrial applications. But the major drawback

Keywords

Mrs.N.Subhalakshmi, Assistant Professor, EEE along with the Final year students of the Department has published a Paper Entitled on "Fuzzy Logic Controller Based Speed Ripple Reduction in PMSM" in IEEE Xplore. This article has been indexed in Scopus database.

R&D | PATENT PUBLICATION | EEE

10/20/21, 10:30 PM Intellectual Property India

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India
(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL PROPERTY INDIA
PATENTS DESIGNS TRADE MARKS
GEOGRAPHICAL INDICATIONS
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202141045312
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2021
APPLICANT NAME	1. Dr. S. SIVAGANESAN 2. Mr. SABAREESHWARAN.K 3. Ms. S.VEDHANAYAKI 4. Dr. B. MADHAV RAO 5. Mr. S MOHAN BABU CHOWDARY 6. GUNAPRIYA DEVARAJAN 7. Dr.T.KOKILAVANI 8. Mr.SHAHUL HAMEED.C 9. Dr.C M VELU 10. Dr.J.LUMA
TITLE OF INVENTION	APPLICATION OF BLOCKCHAIN TECHNOLOGY IN SMART GRIDS
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	esdiyeminfotech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/10/2021

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

<https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>

Patent titled “Application of Blockchain Technology in Smart Grids” submitted by Dr.T. Kokilavani, Assistant Professor, EEE has been published in the IPR Journal identified with Appl.No.: 202141045312A on 15.10.2021.

R&D | PATENT PUBLICATION | CSE

Patent titled “Advanced Traffic Light Violation Monitoring System based on GSM Technology” has been filed by Ms.R.Gowthamani, Assistant Professor, CSE in the IPR Journal identified with Appl. No.: 202141043270 on 01.10.2021.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS DESIGNS TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141043270
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/09/2021
APPLICANT NAME	1. Arumugam Ranjith 2. Mr. S.VENKATASUBRAMANIAN 3. Mr. Prashant sunagar 4. DR. MAJED IBRAHIM 5. DR. Kasala Suresha 6. Harshal Dalvi 7. Pranit Bari 8. Dr. Rachit Garg 9. R Gowthamani 10. Pankaj Sonawane 11. Dr. Brijesh Sathian
TITLE OF INVENTION	ADVANCED TRAFFIC LIGHT VIOLATION MONITORING SYSTEM BASED ON GSM TECHNOLOGY
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ranjithce@gmail.com
ADDITIONAL-EMAIL (As Per Record)	anvarshathik@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/10/2021



PLACEMENT & TRAINING

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

The most important four years of my career started from here at SKCET! My journey of my college life was splendid and kudos to SKCET for making it a meaningful part of my life. It was filled with lots of happiness, motivations and life lessons and most importantly with huge amount of fun each single day. The dynamic professors here put their trust on the students to the fullest and continuously support us to reach great heights! I love the infrastructure of SKCET which gives lots of loving moments to cherish throughout. I would like to specially thank the placement cell for guiding me and providing me a good platform for my career. On the whole SKCET pages of my life diary stand evergreen and my relationship with this place will remain forever! My wholehearted thanks for everything my lovable SKCET!

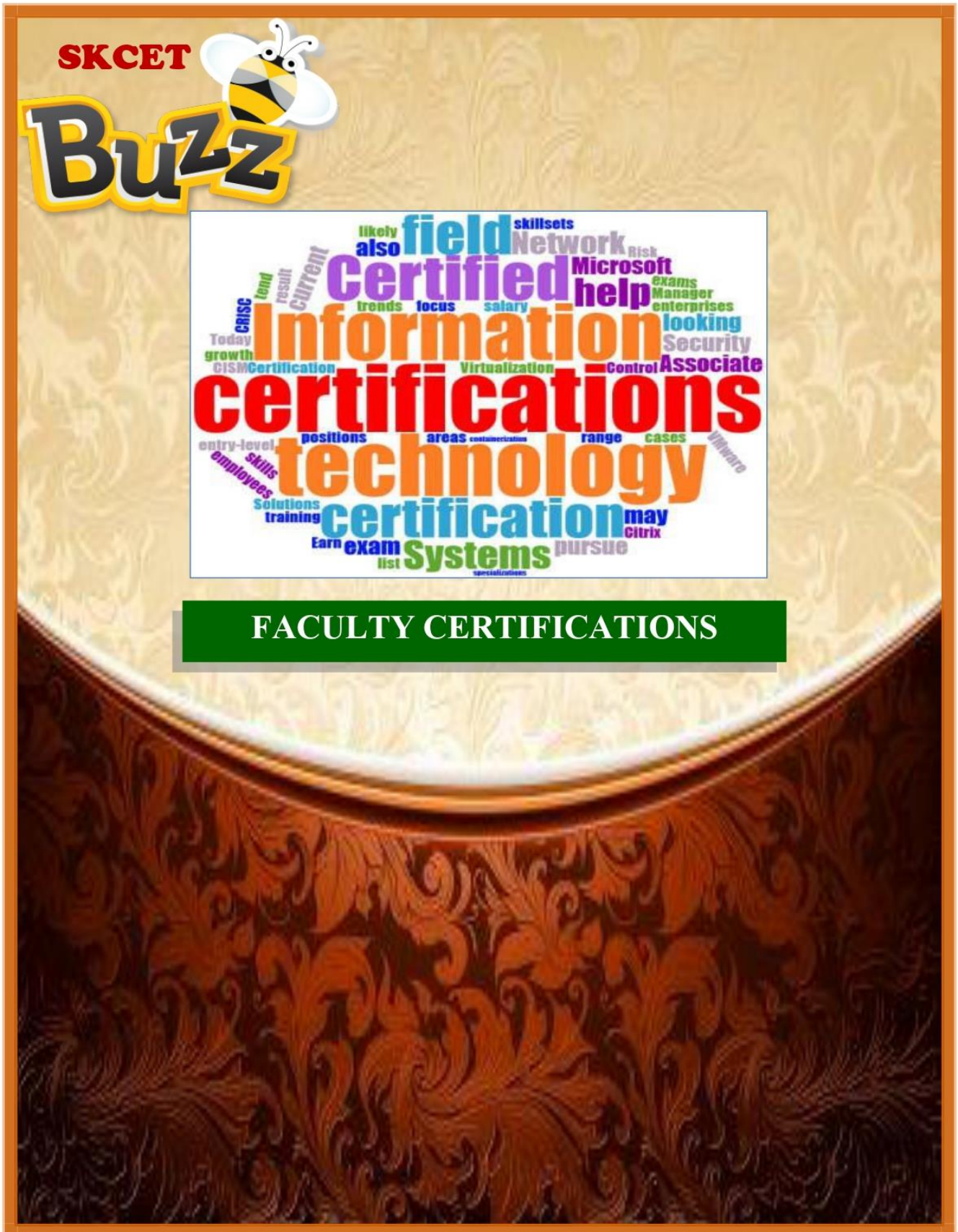
**Meena Priya Dharshini S, ECE (2021 BATCH),
Accenture**



I am very happy to share my experience with SKCET at this moment. I can assure that the days I spent at SKCET is the most memorable time period in my life. Where I got transformed into a professional and all this is because of endless support from Administration, Department faculty members and Placement cell. Thank you for all your support and guidance to build my career and made me as a successful professional. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.

**Jayasuriya.V, EEE (2021 BATCH),
LTI**





CSE | NITTTR PROGRAMME ON RELATIONAL DATABASE MANAGEMENT SYSTEM



Dr.P.Mohan Kumar, Professor and Dr.K.Rama Abirami, Associate Professor, CSE have participated in the Online Training Programme on "Relational Database Management Systems" from 11.10.2021 to 13.10.2021 organized by National Institute of Technical Teachers Training and Research(NITTTR), Chennai.

CSE | ATAL FDP ON NxGA-AIM 2021

Ms.G.Renugadevi and Ms.N.Saranya, Assistant Professors, CSE have participated in the AICTE Training and Learning (ATAL) Academy Online Advanced FDP on "Next-Generation Applications of Artificial Intelligence and Machine Learning for Smart IoT Applications (NxGA-AIM 2021)" from 18-10-2021 to 22-10-2021 organized by New Horizon College of Engineering.



MCT | ATAL FDP ON NxGA-AIM 2021



Mrs.S.NithyaPriya, Assistant Professor of MCT has participated AICTE Online FDP on "Next-Generation Applications of Artificial Intelligence and Machine Learning for Smart IOT Applications (NxGA-AIM 2021)" from 18.10.2021 to 22.10.2021 organized by New Horizon College of Engineering.

IT| FDP ON DATA SCIENCES

Dr.T.Keerthika, Associate Professor, Department of **Information Technology** has participated in the AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Data Sciences" from 04.10.2021 to 08.10.2021 at Institute of Engineering and Technology, Devi Ahilya University, Indore M.P.



IT| FDP ON FOG AND EDGE COMPUTING CHALLENGES AND RESEARCH DIRECTIONS

Ms.Sindhu, Assistant Professor, Department of **Information Technology** has participated in the AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Fog and Edge Computing Challenges and Research Directions” from 25.09.2021 to 29.09.2021 organized by National Institute of Technology Sikkim.



IT| FDP ON 5G, IOT AND ARTIFICIAL INTELLIGENCE: RESEARCH TRENDS AND APPLICATIONS



Ms.Jenifer G and Ms.Indhu R, Assistant Professors, Department of **Information Technology** have attended 5 days FDP on “5G, IoT and Artificial Intelligence: Research Trends and Applications” organized by the Department of Electronics and Communication Engineering, Atria Institute of Technology, Bangalore in association with IEEE Bangalore Section- Information Theory Society Chapter, IETE Bangalore Section and IEEE Atria student branch during 27.09.2021 to 01.10.2021.

IT | REAL TIME ANALYSIS OF BRAIN COMPUTER INTERFACE APPLICATIONS



Ms. Jenifer.G, Assistant Professor, Department of Information Technology has participated in the “Training session on Real Time Analysis of Brain Computer Interface Applications” organized by Data Science Research Group, Department of Computer Science and Engineering supported by DST-ICPS.

IT| FDP ON TEXT, IMAGE AND VIDEO PROCESSING USING DEEP LEARNING TECHNIQUES

Ms. Raihana.A, Assistant Professor, Department of Information Technology has participated in the FDP on “Text, Image and Video Processing Using Deep Learning Techniques” organized by the Department of Computer Science and Engineering at Mepco Schlenk Engineering College, Sivakasi.



MCT | NPTEL- AICTE FDP ON ENTREPRENEURSHIP & IP STRATEGY

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

This certificate is awarded to
S KANNAKI
for successfully completing the course
Entrepreneurship and IP strategy
with a consolidated score of **78 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Prof. Dileep N. Maikhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

(Jul-Sep 2021)

Roll No: NPTEL21HS102523314329 To validate and check scores: <http://npTEL.ac.in/hoc>

Ms.S.Kannaki, Assistant Professor, MCT has participated in NPTEL-AICTE FDP on “**Entrepreneurship & IP Strategy**” from Jul-Sep 2021.

S&H | NPTEL CERTIFICATION

Ms. Antonitta Eileen Pious, Assistant Professor, S&H has successfully completed a course titled “**Python for Data Science**” with Elite Certification.

Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
ANTONITTA EILEEN PIOUS
for successfully completing the course
Python for Data Science
with a consolidated score of **61 %**

Online Assignments	19.17/25	Programming Exam	16.75/25	Proctored Exam	24.83/50
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Total number of candidates certified in this course: 1937

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Aug 2021
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL21CS78S13312389 To validate and check scores: <https://npTEL.ac.in/hoc>

S&H | NPTEL CERTIFICATIONS



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
A KARTHIKA
for successfully completing the course
Consumer Psychology
with a consolidated score of **60** %

Online Assignments	19.38/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 1544

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL21HS64S13312364 To validate and check scores: <https://nptel.ac.in/noc>



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
REVATHY P
for successfully completing the course
Consumer Psychology
with a consolidated score of **73** %

Online Assignments	19.38/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 1544

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL21HS64S13312501 To validate and check scores: <https://nptel.ac.in/noc>



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
N PREETHI
for successfully completing the course
Consumer Psychology
with a consolidated score of **81** %

Online Assignments	19.38/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 1544

Jul-Sep 2021
(8 week course)

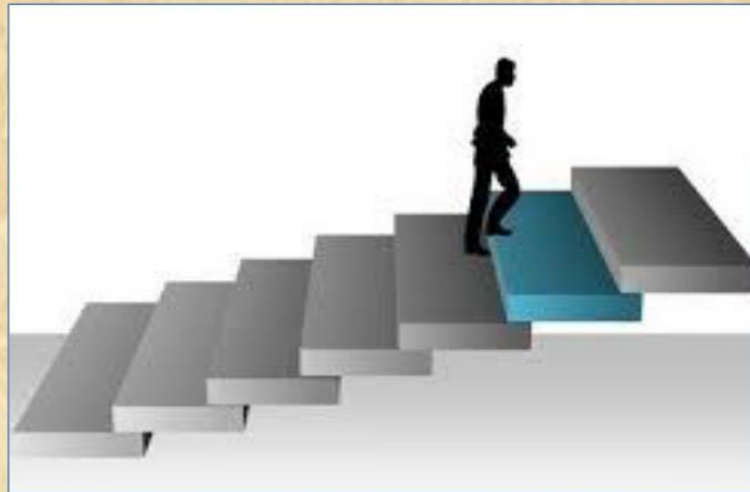
Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

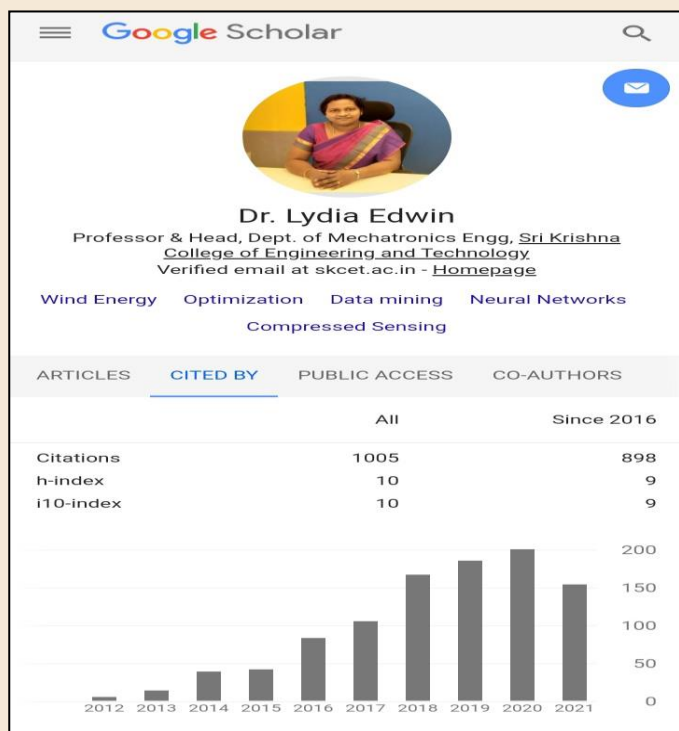
Roll No: NPTEL21HS64S13312447 To validate and check scores: <https://nptel.ac.in/noc>

Dr. Karhika. A, Ms. Preethi. N and Ms. Revathy. P, Assistant Professors, S&H, have successfully completed a course entitled **Consumer Psychology** with Elite Certificate.



FACULTY PROGRESSION

MCT | FACULTY ACHIEVEMENT



Dr.M.Lydia, Professor & HoD, Mechatronics Engineering, has made a big breakthrough with her research articles which received world wide acceptance from the global research community, reaching a a golden milestone of more than 1000 citation.

IT | FACULTY ACHIEVEMENT

Dr.M.Arunachalam, Professor, Department of Information Technology has been a valued reviewer and has contributed to the quality and success of the International journal of Engineering Research & Technology during the year of 2021.



CSBS|PEER-REVIEWER CERTIFICATE

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business System** has received a certificate of excellence in Peer- Reviewing by Asian Journal of Mathematics and Computer Research in recognition of an outstanding contribution to the quality of the journal on 26-10-2021.



MECH | Ph.D VIVA VOCE



Mr. R B Manoram, Assistant Professor, **Mechanical Engineering** has completed his Ph.D viva - voce under the title '**Investigation of heat transfer characteristics in Solar Water Heating system**' on 22.10.2021. The examiners highly commended the thesis and congratulated the scholar and his supervisor for their splendid effort on the research.

CSBS | FACULTY ACHIEVEMENT



Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business System** has received an appreciation certificate for participating in **Open Source India 2021**, an online event held during 7th and 8th October,2021.

CSBS | PROGRAMME COMMITTEE MEMBER

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business System** has been the Program Committee Member for the 7th International Conference on Time Series and Forecasting (ITISE 2021) held during July 19 and 21, 2021 at Gran Canaria(Spain).



EEE | JURY PANEL MEMBER



Dr. B. Karthikeyan, Associate Professor, EEE has been the Jury Panel Member in the event “**PROJECTRO**” organized by WIE Affinity Group of Jeppiaar Institute of Technology and College of Engineering Poonjar on 30.09.2021.

S&H | WEBINAR- RESOURCE PERSON

Ms. Antonitta Eileen Pious, Department of Science and Humanities has been invited as a Resource Person for a Webinar “**Learn to Innovate, Integrate and Implement Ideas the AI Way**” for the PG students of the Computer Applications Department, Holy Cross College, Trichy.





CONFERENCE PRESENTATION

MCT | CONFERENCE PRESENTATION



Dr.N.A.Natraj Assistant Professor, MCT, has presented a Paper titled “An Efficient hybrid classifier for detection of oral cancer lesions”, in AICTE Sponsored Online National Conference on Communication and Signal Processing Systems (NCCSS-2021) organized by the Department of ECE, R.M.K College of Engineering and Technology, Chennai from 08.10.2021 to 09.10.2021.

IT | CONFERENCE PRESENTATION

Dr.M.Arunachalam, Professor, Department of **Information Technology**, has presented a research article on the topic “**Smart Application to Enhance In-Store Shopping**” in the International Conference on Emerging Trends in Communication and Networking (ETCAN’21) from 22.10.2021 and 23.10.2021 at Kongunadu College of Engineering and Technology, Trichy.





CREATIVE CORNER

ECE | CAMCURVE



**ILAKKYA S,
II YEAR, ECE**