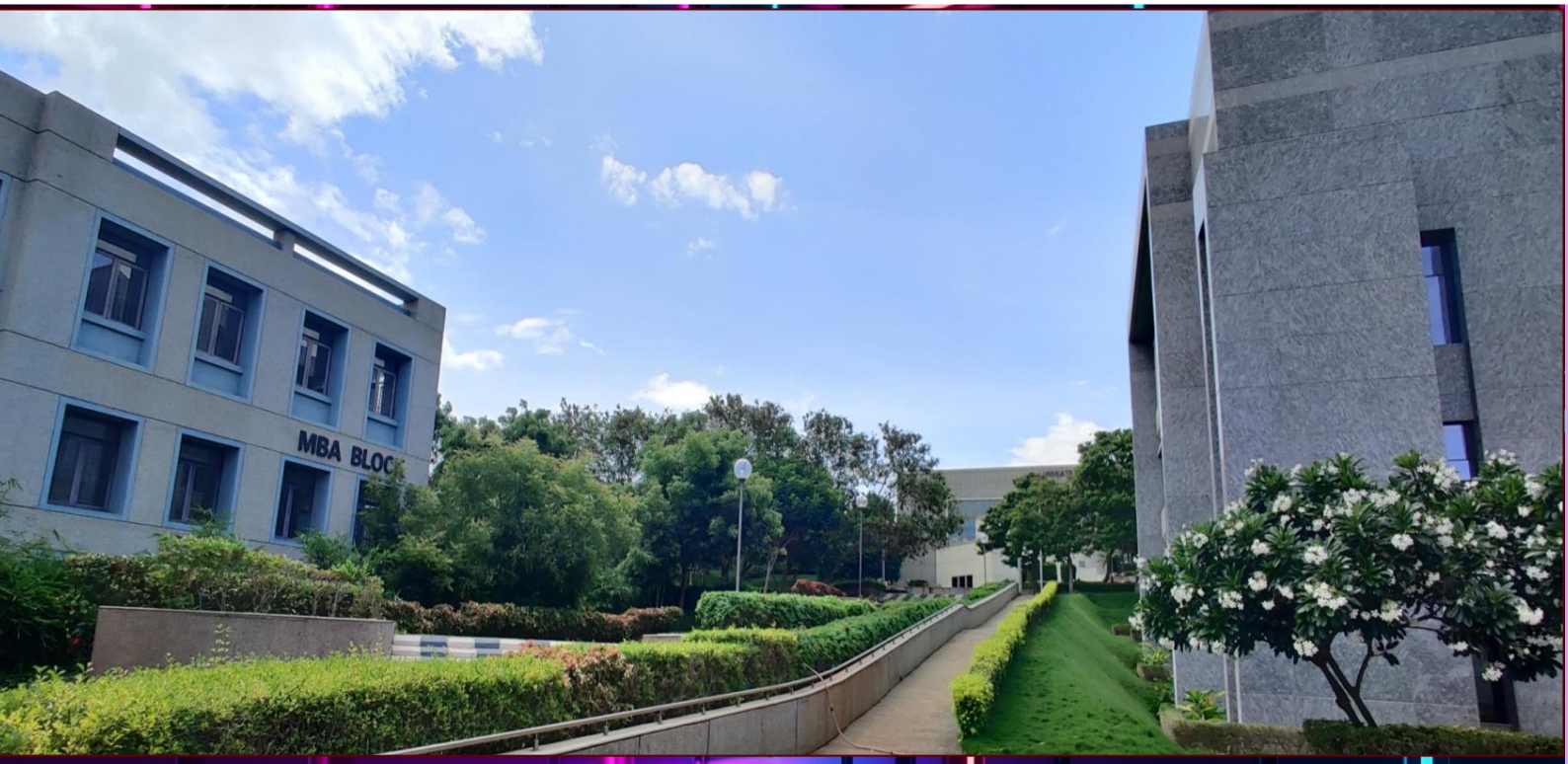
SKCET Buzz

18th - 24th November 2023



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INSIDE THIS ISSUE

- STUDENT ACCOLADES : PG 03 - 06
- STUDENTS CERTIFICATION : PG 07 - 12
- EVENTS : PG 13 - 24
- TUTOR WARD MEETING : PG 25 - 27
- PLACEMENT AND TRAINING : PG 28 - 30
- RESEARCH AND DEVELOPMENT : PG 31 - 33
- FACULTY PROGRESSION : PG 34 - 35
- FACULTY CERTIFICATIONS : PG 36 - 41
- CONFERENCE PRESENTATION : PG 42 - 43
- CREATIVE CORNER : PG 44 - 47

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STUDENT ACCOLADES

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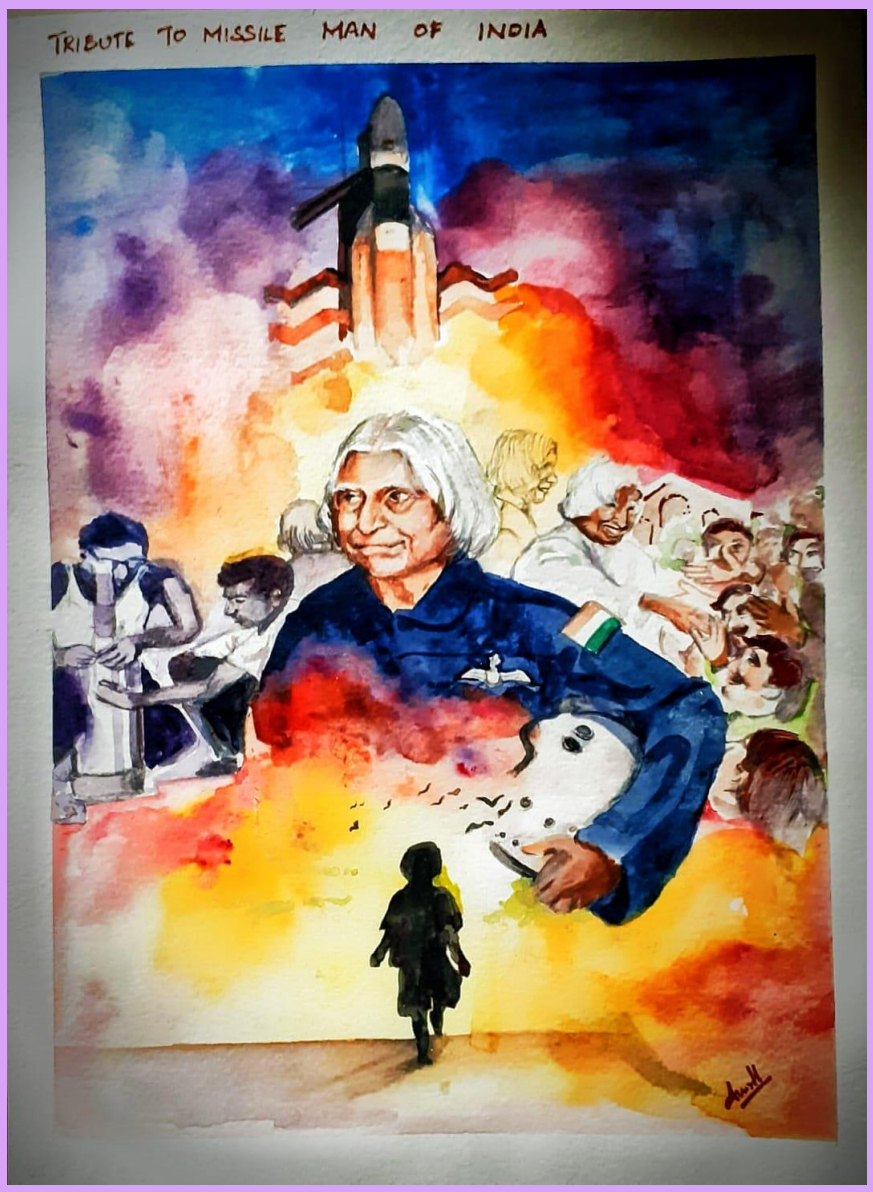
CSBS | ROLLER SKATING CHAMPIONSHIP

Poornisha B, student of second year **CSBS** has won **5th place** in the **District Roller Skating championships held** on 8th and 9th October 2023 at Sangrur, Punjab. **Principal Madam Dr.J.Janet,** congratulated and appreciated the student for her phenomenal achievement.

AI & DS | INTERNATIONAL STUDENTS DAY - 2023



S Amrith Menon, student of **Second** year **Artificial Intelligence and Data Science** has secured First Prize in the event "**Artistic Expressions"** conducted by the Department of Science and Humanities as part of International Students' Day 2023 on 17.11.2023.

AI & DS | INTERNATIONAL STUDENTS DAY - 2023

Bharathwaj P R and **Jothish P.G**, students of First year **Artificial Intelligence and Data Science Department** have bagged **Second** Prize for demonstrating their project titled "**Diabetes prediction using Machine learning and data set** in the event Ignite, Innovate and Inspire - Science Expo Adventure conducted by the Department of Science and Humanities as a part of International Students' Day 2023 on 17.11.2023.

MCT | POSTER PALETTE

B.Sanjiv, student of **First** year **MCT** has won **Second** Prize in the **"Poster Palette"** event organized by the Department of Artificial Intelligence and Data Science, Sri Krishna College of Engineering and Technology, Coimbatore.

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
AN AUTONOMOUS INSTITUTION | AFFILIATED TO ANNA UNIVERSITY, CHENNAI
KUNIAMUTHUR, COIMBATORE - 641008

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

CERTIFICATE OF APPRECIATION

This is to certify that

SANJIV.B

has been awarded the FIRST/SECOND/THIRD prize in "POSTER PALETTE" organized by the Department of Artificial Intelligence and Data Science, Sri Krishna College of Engineering and Technology, Coimbatore.

Dr.S.VENKATA LAKSHMI
HOD

Dr.J.JANET
PRINCIPAL

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STUDENTS CERTIFICATION

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AI & DS | WORKSHOP ON IOT USING RASPBERRY PI AND PYTHON – IIT MADRAS

Prajwal Raj R, **Raj Kumar.S, Rogith.R**, **Sakthi.K**, and **Sanjay.M**, students of **First** year **Artificial Intelligence and Data Science** students have participated in a Workshop on **"Internet of Things (IoT) using Raspberry Pi and Python"** by Top Engineers in association with **MECHANICA'23** at IIT Madras Research Park on 18.11.2023.

AI&DS | COURSERA CERTIFICATION

Suriya G, student of second year **AI&DS** has successfully completed a course on **"Data Structures"** certified by Coursera on 02.11.2023.

AI&DS | WORKSHOP ON CYBER SECUIRTY

S.Priya Dharshini, student of First year **Artificial Intelligence and Data Science** student has participated in a workshop on "**Cyber Security using Ethical Hacking tool and SIEM Solutions**" conducted by Kongunadu College of Engineering & Technology on 18.11.2023

CSBS | COURSERA CERTIFICATIONS

Madhuna R, Kasthuri Krishna L M, Rakesh P and **Gokul Thaswin S** of second year, **Computer Science and Engineering (Cyber Security),** has successfully completed a course entitled **"React Js"** organized by InfoSys – Spring Board on November 2023.

AI & DS | INFOSYS SPRINGBOARD

Jeevadharshini Sekar, first year student of AI&DS, **Logesh S & Brinda PV –** second year student of **AI&DS** have successfully completed a course on **"Digital Electronics – Online Digital Electronics Courses, Robotics Course, Learning React"** certified by Infosys Spring board.

AI & DS | NATIONAL LEVEL TECHNO FEST

ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE
DEPARTMENT OF MECHANICAL ENGINEERING
Proudly presents
FORSCH 2K23
LEGACY OF EXCELLENCE
CERTIFICATE
OF PARTICIPATION
This certificate is presented to
Mr./Ms. ABIRAMI R for active participation
in AI HUNT during FORSCH '23 a National Level
Techno Cultural Fest held at Anna University Regional Campus Coimbatore on
Thursday, November 09th 2023
Co-ordinators
Dr.K.Soorya Prakash
Dr.R.Sathiya Moorthy
Mrs.T.Usha rani
HoD
Dr.K.Kanthavel
Dean
Dr.M.Saravanakumar

ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE
DEPARTMENT OF MECHANICAL ENGINEERING
Proudly presents
FORSCH 2K23
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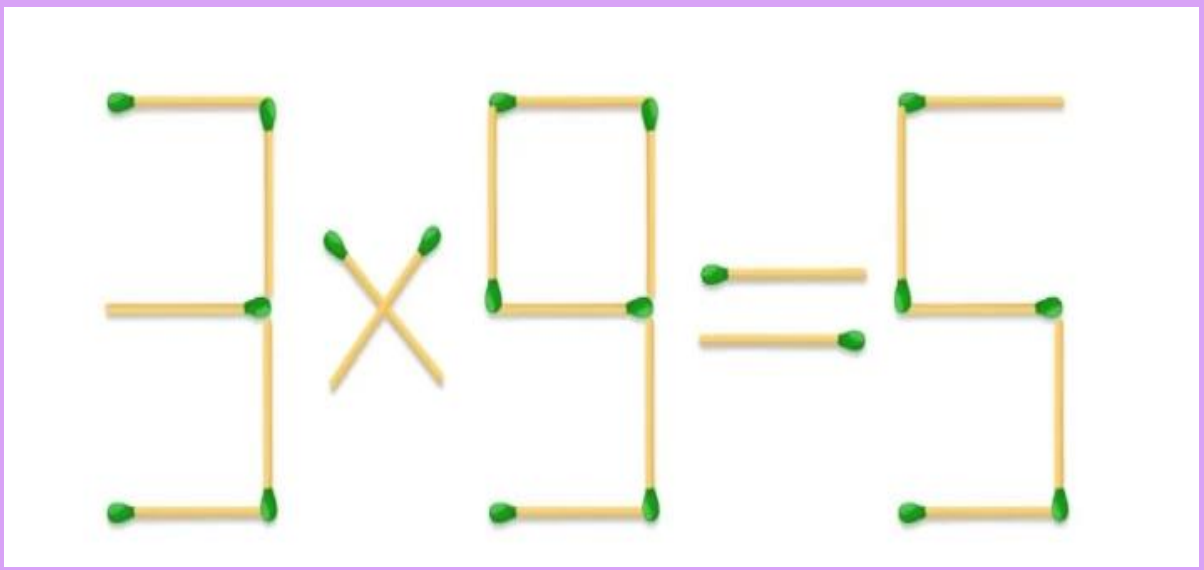
Mrs.T.Usha rani
HoD
Dr.K.Kanthavel
Dean
Dr.M.Saravanakuma

Abirami R and **Ashvindra S**, students of **First** year **Artificial Intelligence and Data Science** have participated in **FORSCH '23 AI HUNT** conducted by Anna University Regional campus, Coimbatore

CAN YOU SOLVE?



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EVENTS

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MECH | SAE INDIA STARTUP ROADSHOW

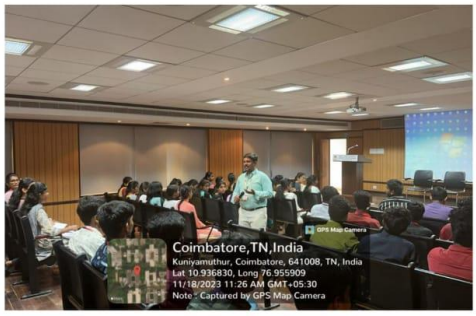
SAEINDIA SKCET Collegiate club organized a Start-up Roadshow on 18.11.2023. 11 start-up and Entrepreneurial experts shared their insights on E-mobility startup opportunities. The Resource persons also discussed about various aspects of technology, youth contribution in entrepreneurship, startup success stories, MSME opportunities, and challenges in the E-Mobility value chain during panel discussions. Around 300 SKCET students and SAE members from various institutions, Industrialists and Research center members have also participated in this event.

MECH | SAEINDIA STARTUP ROADSHOW

Resource person details:

S. No	Resource Person Details	Topic
1	Mr. Pradeep Chandrasekaran, Chair – TechHive	Welcome Address and iTEC INDIA 2023 brief
2	Mr. Dhananjayan Munirathinam, Founder & CEO, Focus Group, Founding Chair – TechHive	TechHive Genesis / Context Setting
3	Mr. Srikumar Maganti, Senior GM – Technical, EDS Technologies	Keynote – Technology
4	Mr. Vignesh Kumar, Founder & CEO, Payirgal	Keynote – Youth Contribution in Entrepreneurship
5	Mr.Raman and Mr.Lakshmanan, Founders , Backyard Creators	Keynote – Startup success story
6	Smt. P. Shanta Sheela, State Business Facilitation Officer, FaMe TN	Keynote – Opportunity and schemes for MSMEs
7	Dr. Priyadharsini N, Associate Professor, Krishnammal College for Women	Keynote – Innovative Research and Technology Commercialization
8	Mr. Shekhar Malani, CEO, Devise Electronics	Panel Discussion – Opportunities and Challenges in E-Mobility Value Chain
9	Mr. Arun Sivasubrahmaniyan, Ex General Manager, Hero Motocorp	
10	Mr. Mothilal Sivasubramaniam, Director – Operations, Spero Electric	
11	Mr. Prashant Goel, Managing Director, Hulikkal Electro	

AI&DS | SEMINAR ON UNLEASHING AI IN THE IOT ERA



Department of **Artificial Intelligence and Data Science** organized a Seminar on "**Unleashing AI in the IOT Era**" on 18.11.2023. **Mr.M.Sabarinathan**, Founder & CEO, Gateway Software Solutions, Coimbatore was the Resource Person.

Session Takeaways:

Role of IOT in AI, Crucial protocols of the Internet, Future of AI and IOT, AI-Enabled IOT in Healthcare and Smart home, Data Access and Distributed Processing for IOT.

SHA | EXTENDED HOUR ACTIVITY

Tamil Club of SHA conducted **Tongue Twisters** for the **First** year students on 21.11.2023. It is a popular and entertaining form of wordplay in the Tamil language. The event was conducted to challenge their articulation and coordination of the tongue, lips, and vocal cords.

S&H | INTERNATIONAL STUDENTS' DAY CELEBRATION

Department of **Science and Humanities** organized **International Students' Day** bringing together all the vibrant students in a spirit of joy and camaraderie. The following events were conducted to reinforce the significance of education and incredible potential of the students.

- Ignite, Innovate, Inspire: Science Expo Adventure
- Artistic Expressions: A Tribute to Our Missile Man
- Speak Your Mind: The Elocution Challenge
- Your Story, Our Screen: Short Film Contest.

S&H | INTERNATIONAL STUDENTS' DAY CELEBRATION

CSE | ZENITH AND CATALYST IDEATHON

Department of **Computer Science and Engineering** organized **Zenith and Catalyst Ideathon** on Novemeber 15th and 17th, 2023. This event provided the platform for the first and second year students to showcase their innovative ideas. A total of **15 teams** presented a diverse range of ideas that reflected both creativity and problem-solving acumen.

Zenith Winners:

- **First Prize:** Team Bit Developers,
- **Second Prize:** Team CtrlShiftGeek
- **Third Prize:** Team Crack Jack,

Catalyst Winners:

- **First Prize:** Team Zero Bugs,
- **Second Prize:** Team “Ctrl” Freaks
- **Third Prize:** Team Clueless Coders

CSE | WORKSHOP ON AZURE PLATFORM USING BIG DATA SERVICES & APPLICATIONS

Department of **Computer Science and Engineering** organized a Workshop on **"Azure Platform Using Big Data Services & Applications"** on 15.11.2023**.** This workshop gave insights on Azure's Robust Ecosystem to harness Big Data for insightful analytics and transformative business solutions. **Mr.S.Jayandran,** Software Engineer-II, Microsoft India R&D Pvt. Ltd, Bangalore was the Resource Person.

Session Takeaways:

- Overview on Big Data Services
- Data collection and Storage services
- Data Ingestion ETL using Azure Data Factory
- Azure Data Lake Analytics
- Azure HDInsight & Observability
- Azure ML services& Real time Application use cases

IT | NSS USVA ACTIVITY

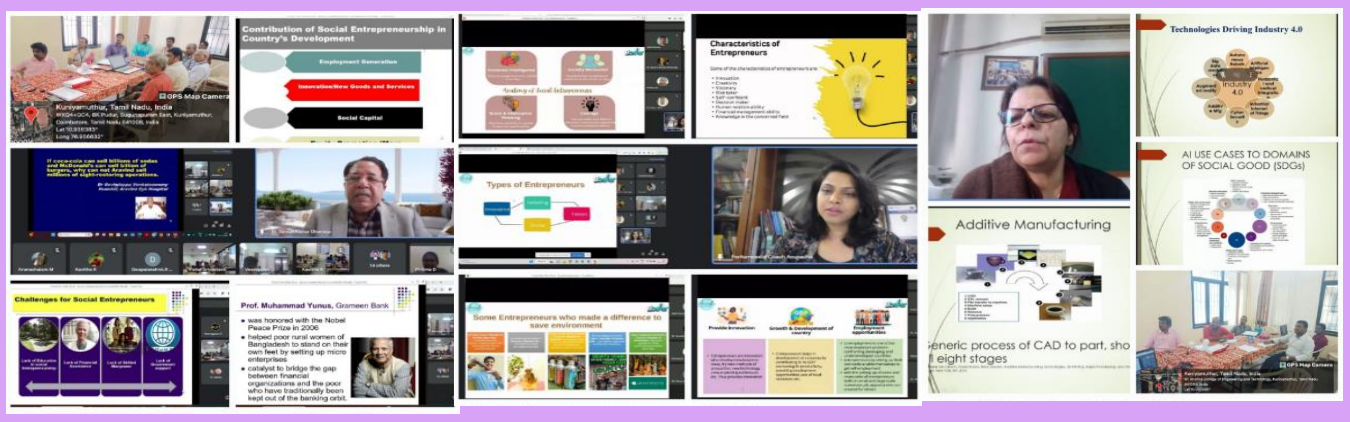
Seminar on **"Awareness on Cardiac Health for all ages"** was organized as a part of NSS-USVA Activity for the second year students.

Resource Person: Dr Kaushik Balasubramanian, Medical Officer, Manu Hospital, Coimbatore.

Key Takeaways:

- Basic functions of heart
- What is a heart attack?
- Factors that cause heart attack
- Symptoms for heart attack
- Importance of healthy lifestyle

MCT | NITTTR - STC ON SOCIAL ENTREPRENEURSHIP - DAY 1



Department of MCT, SKCET as Remote center for NITTTR **Chandigarh** organized a ShortTerm course on **"Social Entrepreneurship"** from 20.11.2023 to 24.11.2023. The STC drew enthusiastic participation from the faculty members.

Session 1 - Inauguration & Course Description
Topic: Introduction to Social Entrepreneurship
Resource Person: Dr. SK Dhameja, Professor & Course Coordinator, EDIC Department, NITTTR, Chandigarh
Session take-aways:

- Definition of Social Entrepreneur, Challenges of Social Entrepreneurs., Recommendations for promoting Social Entrepreneurship, Contribution of Social Entrepreneurship in country's development.

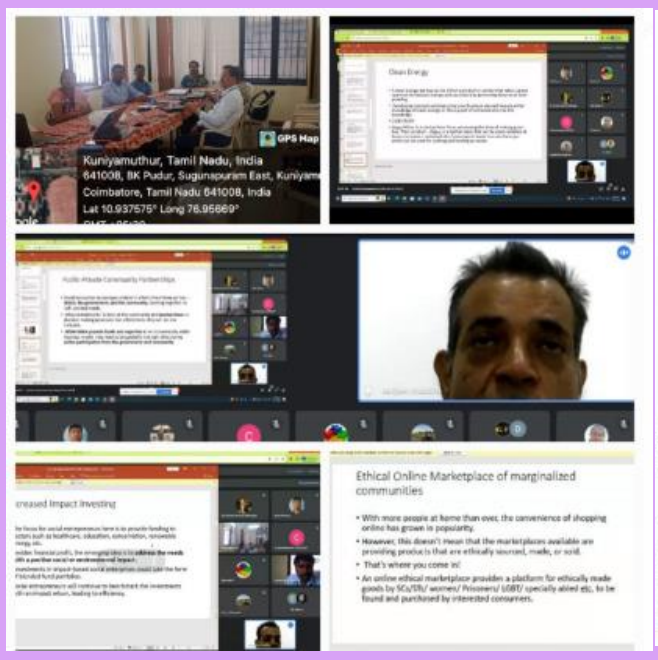
Session 2: Topic: Social Entrepreneurs in India
Resource Person: Ms.Anuradha Chawla, Founder and CEO, Bbetter HR Solutions, Chandigarh.
Session take-aways:

- Types of Entrepreneurs, Characteristics of Entrepreneur, Anatomy of Social Entrepreneurs, Need of Entrepreneurship for society.

Session 3: Topic: Social Entrepreneurship and Industry
Resource Person: Dr. NirajBala, Professor & Head, EDIC Department, NITTTR, Chandigarh.
Session take-aways:

- Introduction to Social Entrepreneurship, Introduction, Social Entrepreneurship using Technologies of Industry 4.0

MCT | NITTTR - STC ON SOCIAL ENTREPRENEURSHIP - DAY 2



Session 1

Topic: Business opportunities in Social Entrepreneurship

Resource Person: Dr. Sanjeev Chadda, Professor & Head, MDC, MGSIPA, Punjab, Chandigarh.

Session take-aways:

- Business opportunities in the social sector, Ethical online marketplace of marginalized communities, Special Needs Services, Sustainable Materials, Micro financing.

Session 2

Task 1: Case Studies of Social Entrepreneurs
Task 2: Developing Vision and Mission of Social Enterprise

Resource Person: Dr.SK Dhameja, Professor & Course Coordinator, EDIC Department, NITTTR, Chandigarh

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TUTOR WARD MEETING

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AI&DS | CLASS COMMITTEE MEETING

Department of **Artificial Intelligence and Data Science** conducted **Class Committee Meeting** for the **second** year students on 21.11.2023. **Dr.D.Rasi**, Professor, Computer Science and Engineering chaired the meeting. The pointers of Discussion were; Industry Classes, Lateral Entry Students Feedback, Placement - Problem of the Day and Participation in Hackathon and Extracurricular Events.

CSBS | CLASS COMMITTEE MEETING

Class Committee Meeting for the students of **Third year, Computer Science and Business Systems** was conducted by **Dr.A.Radhika**, Professor **Electrical and Electronics Engineering**. The Meeting revolved around the key points like: preparation for Continuous Internal Assessment Test, Portion Completion, Subject Study Materials and participation of events on **13.07.2023**.

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PLACEMENT AND TRAINING

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TESTIMONIAL BY PLACED STUDENTS

My experience at SKCET was very great and unforgettable. Every possible opportunity is created here from which we can get trained, learn from our mistakes and be a better person at each step. Each and every faculty members here helped us gather all the knowledge, choose best career path and achieve our goals. Best innovations come from small ideas, SKCET is the place where we can put our thoughts into process and attain the best result out of it. I am thankful to SKCET placement cell and all the faculty members who gave guidance to choose my future path and helped me improve myself not only in academics but also in every aspect. I am extremely happy that I was able to be part of an institution like SKCET where we can learn and develop our skills technically. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.

SHAALINI S
ECE (2021 Batch),
TEMENOS

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! Overall SKCET has not only helped me grow carrier-wise but I have also gained the values and memories, I will cherish for life.

MEENA PRIYA DHARSHINI S,
ECE (2021 BATCH),
Accenture

SKCET

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RESEARCH AND DEVELOPMENT

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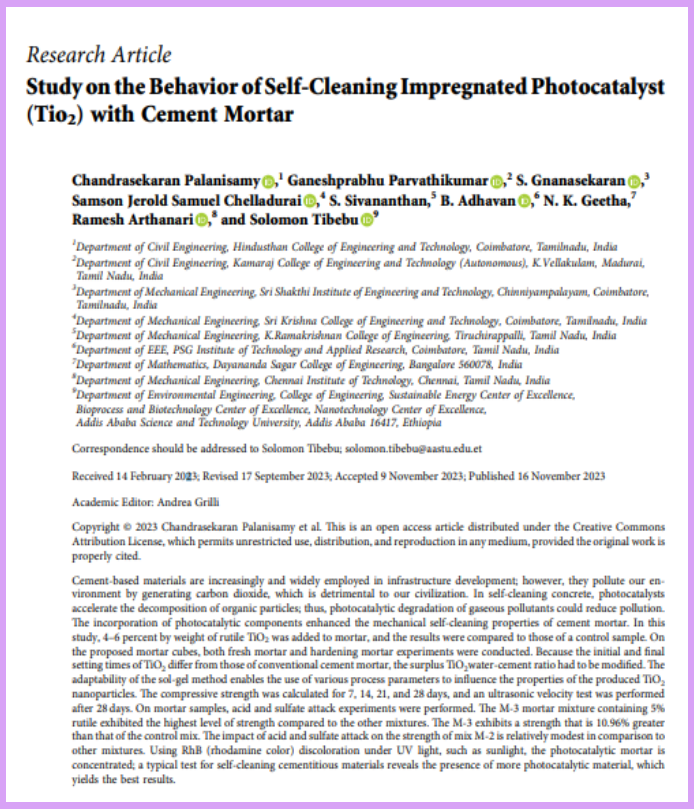
R&D | ARTICLE PUBLICATION | MECH



Research Article

Study on the Behavior of Self-Cleaning Impregnated Photocatalyst (Tio_2) with Cement Mortar

Chandrasekaran Palanisamy,[1] Ganeshprabhu Parvathikumar,[2] S. Gnanasekaran,[3] Samson Jerold Samuel Chelladurai,[4] S. Sivananthan,[5] B. Adhavan,[6] N. K. Geetha,[7] Ramesh Arthanari,[8] and Solomon Tibebu[9]

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[2]Department of Civil Engineering, Kamaraj College of Engineering and Technology (Autonomous), K.Vellakulam, Madurai, Tamil Nadu, India
[3]Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, Chinniyampalayam, Coimbatore, Tamilnadu, India
[4]Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India
[5]Department of Mechanical Engineering, K.Ramakrishnan College of Engineering, Tiruchirappalli, Tamil Nadu, India
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Academic Editor: Andrea Grilli

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Cement-based materials are increasingly and widely employed in infrastructure development; however, they pollute our environment by generating carbon dioxide, which is detrimental to our civilization. In self-cleaning concrete, photocatalysts accelerate the decomposition of organic particles; thus, photocatalytic degradation of gaseous pollutants could reduce pollution. The incorporation of photocatalytic components enhanced the mechanical self-cleaning properties of cement mortar. In this study, 4–6 percent by weight of rutile TiO_2 was added to mortar, and the results were compared to those of a control sample. On the proposed mortar cubes, both fresh mortar and hardening mortar experiments were conducted. Because the initial and final setting times of TiO_2 differ from those of conventional cement mortar, the surplus TiO_2:water-cement ratio had to be modified. The adaptability of the sol-gel method enables the use of various process parameters to influence the properties of the produced TiO_2 nanoparticles. The compressive strength was calculated for 7, 14, 21, and 28 days, and an ultrasonic velocity test was performed after 28 days. On mortar samples, acid and sulfate attack experiments were performed. The M-3 mortar mixture containing 5% rutile exhibited the highest level of strength compared to the other mixtures. The M-3 exhibits a strength that is 10.96% greater than that of the control mix. The impact of acid and sulfate attack on the strength of mix M-2 is relatively modest in comparison to other mixtures. Using RhB (rhodamine color) discoloration under UV light, such as sunlight, the photocatalytic mortar is concentrated; a typical test for self-cleaning cementitious materials reveals the presence of more photocatalytic material, which yields the best results.

Dr. C. Samson Jerold Samuel, Associate Professor, Mechanical Engineering has published a scientific article entitled **'Study on the Behavior of Self-Cleaning Impregnated Photo catalyst (Tio2) with Cement Mortar'** in Advances in Materials Science and Engineering – A Hindawi Publication. It is a Scopus Indexed Journal with an impact Factor 2.098. The Journal is also listed in Anna University Annexure 1.

R&D | PAPER PUBLICATION | ECE

Dr.D.Mohana Geetha, Professor, **ECE** Department has published a Scopus indexed Book Chapter titled **"Optimization Algorithms for Reconfigurable Antenna Design"** in the book titled Advances in Microwave Engineering which was published by CRC Press. ISBN: 978-10-0345-988-0.

...m/chapters/edit/10.1201/9781003459880-6/optimization-algorithms-reconfigurable-antenna-design-karthi

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Chapter

Optimization Algorithms for Reconfigurable Antenna Design

A Review

By K. Karthika, K. Anusha, K. Kavitha, D. Mohana Geetha

Book: Advances in Microwave Engineering

Edition	1st Edition
First Published	2023
Imprint	CRC Press
Pages	19
eBook ISBN	9781003459880

Share

ABSTRACT

Reconfigurable antennas play a crucial role in contemporary wireless communication. Recent technological advances manifest the need for optimal antenna design. Optimization algorithms have been gaining in popularity over the past two decades due to their adaptability and efficiency. These algorithms are the keys to designing a compact and highly efficient antenna. Moreover, the implementation of optimization algorithms in antenna design thrives on better performance characteristics. The optimization technique adopted is governed by the parameters and the application specifications. This chapter depicts a technical review of commonly used optimization algorithms for performance enhancement in reconfigurable antennas.

R&D | PATENT GRANT | CSBS

ORIGINAL
क्रम सं/ Serial No. : 139160

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 383232-001
तारीख / Date : 06/04/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *IOT BASED ROBOT FOR AIR CONDITIONER DUCT CLEANING* से संबंधित है, का पंजीकरण, श्रेणी 15-05 में 1.Dr.Sangeetha Krishnamoorthi 2. Dr.S.Balakrishnan 3.Dr.K.Venkatesan 4.Mr. S. Senthamizh Sankar 5.Ms. Soundarya Priya M G 6.Mr. S. Raja Pandian के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-05 in respect of the application of such design to *IOT BASED ROBOT FOR AIR CONDITIONER DUCT CLEANING* in the name of 1.Dr.Sangeetha Krishnamoorthi 2. Dr.S.Balakrishnan 3.Dr.K.Venkatesan 4.Mr. S. Senthamizh Sankar 5.Ms. Soundarya Priya M G 6.Mr. S. Raja Pandian.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि / Date of Issue : 08/06/2023

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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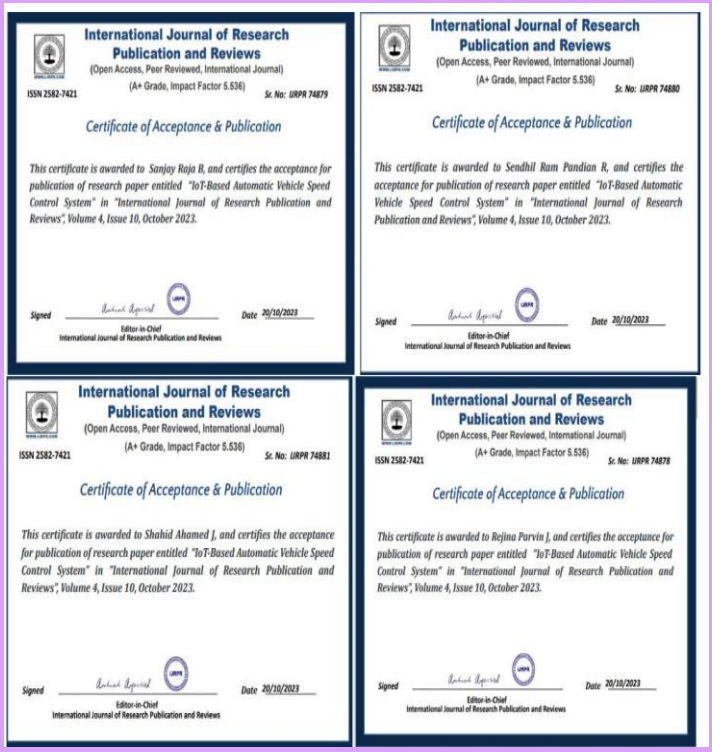
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

Dr.S.Balakrishnan, Professor and Head , Department of **CSBS** has received an **Indian Design Patent Grant** for his patent entitled **"IOT Based Robot for Air Conditioner Duct Cleaning"** with the Design Number 383232-001 from the Government of India on 11.07.2023.

R&D | PAPER PUBLICATION | ECE

Dr Rejina Parvin, Associate Professor, **ECE** along with **Sanjay Raja B, Sendhil Ram Pandian R, Shahid Ahamed J** has, students of **Final** year **ECE** has published a paper titled **"IoT - Based Automatic Vehicle Speed Control System"** in the International Journal of Research Publication and Reviews.



International Journal of Research Publication and Reviews
(Open Access, Peer Reviewed, International Journal)
(A+ Grade, Impact Factor 5.536)
ISSN 2582-7421 Sr. No: IJRPR 74879

Certificate of Acceptance & Publication

This certificate is awarded to Sanjay Raja B, and certifies the acceptance for publication of research paper entitled "IoT-Based Automatic Vehicle Speed Control System" in "International Journal of Research Publication and Reviews", Volume 4, Issue 10, October 2023.

Signed Date 20/10/2023
Editor-in-Chief
International Journal of Research Publication and Reviews

International Journal of Research Publication and Reviews
(Open Access, Peer Reviewed, International Journal)
(A+ Grade, Impact Factor 5.536)
ISSN 2582-7421 Sr. No: IJRPR 74880

Certificate of Acceptance & Publication

This certificate is awarded to Sendhil Ram Pandian R, and certifies the acceptance for publication of research paper entitled "IoT-Based Automatic Vehicle Speed Control System" in "International Journal of Research Publication and Reviews", Volume 4, Issue 10, October 2023.

Signed Date 20/10/2023
Editor-in-Chief
International Journal of Research Publication and Reviews

International Journal of Research Publication and Reviews
(Open Access, Peer Reviewed, International Journal)
(A+ Grade, Impact Factor 5.536)
ISSN 2582-7421 Sr. No: IJRPR 74881

Certificate of Acceptance & Publication

This certificate is awarded to Shahid Ahamed J, and certifies the acceptance for publication of research paper entitled "IoT-Based Automatic Vehicle Speed Control System" in "International Journal of Research Publication and Reviews", Volume 4, Issue 10, October 2023.

Signed Date 20/10/2023
Editor-in-Chief
International Journal of Research Publication and Reviews

International Journal of Research Publication and Reviews
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(A+ Grade, Impact Factor 5.536)
ISSN 2582-7421 Sr. No: IJRPR 74878

Certificate of Acceptance & Publication

This certificate is awarded to Rejina Parvin J, and certifies the acceptance for publication of research paper entitled "IoT-Based Automatic Vehicle Speed Control System" in "International Journal of Research Publication and Reviews", Volume 4, Issue 10, October 2023.

Signed Date 20/10/2023
Editor-in-Chief
International Journal of Research Publication and Reviews

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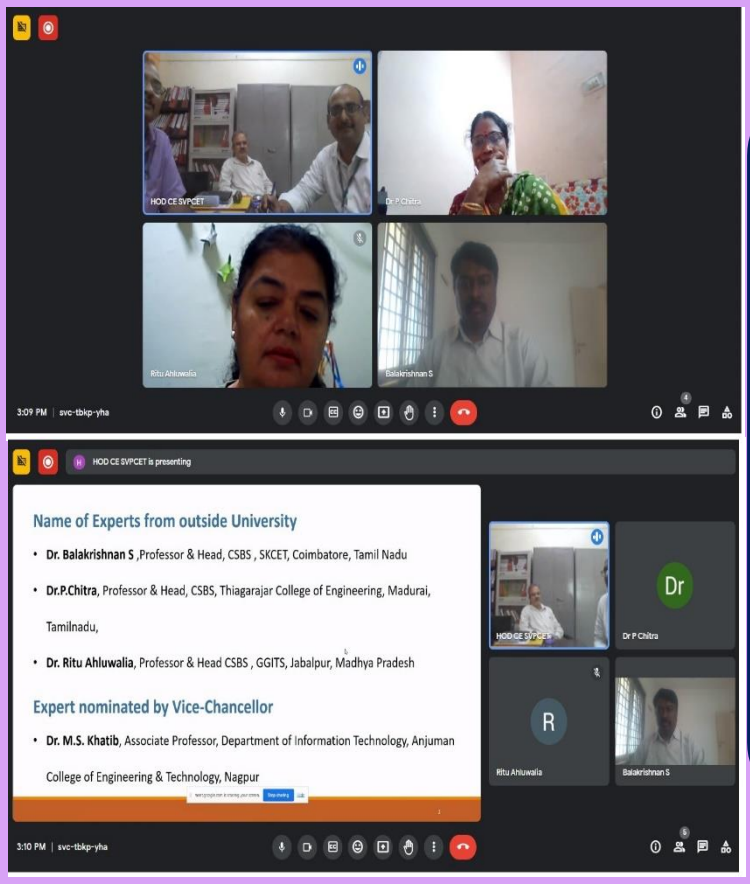

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has acted as Board of Studies member, Computer Science Business Systems, St. Vincent Pallotti College of Engineering & Technology, Nagpur on 15.07.2023.

CSBS | IEEE YESIST12

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has received a certificate of appreciation for being a Publicity Volunteer for **IEEE YESIST12** Grand Finale held on 2nd and 3rd September 2023 at Arab Academy for Science, Technology & Maritime Transport, Egypt.

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MCT | NPTEL CERTIFICATION

Dr.J.Indirapriyadharshini, Assistant Professor of **MCT** has obtained a consolidated score of **100%** in the NPTEL course on **"Educational Leadership"** and has emerged as a topper among 1% in the Nation.

CIVIL | COURSERA CERTIFICATION

Dr.P.Saravanakumar, Professor and Head, Department of **Civil Engineering**, has completed an online course on "**Applications in Engineering Mechanics**" authorised by Georgia Institute of Technology and offered through Coursera.

EEE | NPTEL CERTIFICATION

Dr.S.Sivaranjani, Professor, **EEE** Department has completed 8 week course on "**Innovation, Business Models and Entrepreneurship"** organized by Indian Institute of Technology Roorkee.

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

This certificate is awarded to
SIVARANJANI S
for successfully completing the course
Innovation, Business Models and Entrepreneurship
with a consolidated score of 57 %

Online Assignments	20.54/25	Proctored Exam	36.19/75

Total number of candidates certified in this course: 984

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC
Aug-Oct 2023
(8 week course)
Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee
swayam
Roll No: NPTEL23MG116S733805087 To verify the certificate No. of credits recommended: 2 or 3

CIVIL | NITTT CERTIFICATION

अखिल भारतीय तकनीकी शिक्षा परिषद्
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प्रमाणित किया जाता है कि
All India Council for Technical Education (AICTE)
Certificate
This is to certify that
VIGHNESH R
has successfully completed
Module 4 : Instructional Planning and Delivery
of
National Initiative for Technical Teachers Training
SEPTEMBER 2023

अखिल भारतीय तकनीकी शिक्षा परिषद्
प्रमाणपत्र
प्रमाणित किया जाता है कि
All India Council for Technical Education (AICTE)
Certificate
This is to certify that
HEMAVATHI R
has successfully completed
Module 6 : Student Assessment and Evaluation
of
National Initiative for Technical Teachers Training
SEPTEMBER 2023

अखिल भारतीय तकनीकी शिक्षा परिषद्
प्रमाणपत्र
प्रमाणित किया जाता है कि
All India Council for Technical Education (AICTE)
Certificate
This is to certify that
SADHEESH S
has successfully completed
Module 6 : Student Assessment and Evaluation
of
National Initiative for Technical Teachers Training
SEPTEMBER 2023

Following Civil Engineering faculty members have completed NITTT courses.

S. No	Name of the faculty	Name of the course
1	Mr. R. Vighnesh	M4: Instructional Planning and Delivery
2	Ms. R. Hemavathi	M6: Student Assessment and Evaluation
3	Mr. S. Sadheesh	M6: Student Assessment and Evaluation

EEE | NPTEL ONLINE CERTIFICATION

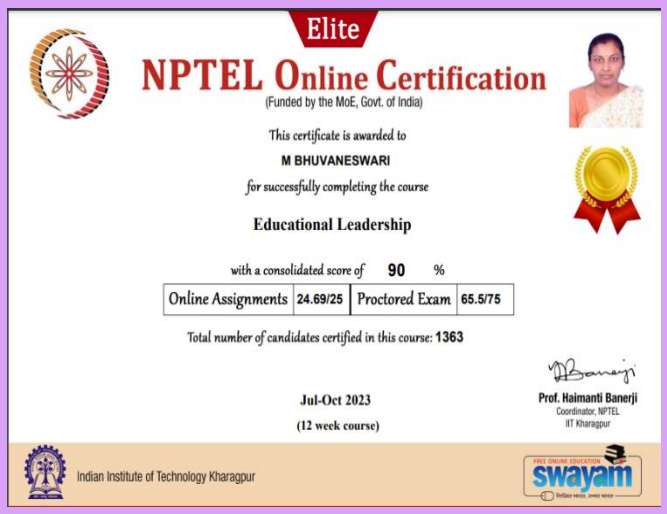
Mr.S.Karthikeyan, Assistant Professor, **EEE** Department has completed 12 week course on **"Fundamentals of Electrical Engineering"** with **Elite Certificate** organized by Indian Institute of Technology Kharagpur.

AI&DS | MICROSOFT-DESIGN MCRA & MCSB

Mr.S.Senthil Kumar, Assistant Professor of **AI&DS** has successfully completed a course entitled **"Design Solutions that align with MCRA and MCSB"** by Microsoft on 16.11.2023.

MCT | NPTEL CERTIFICATION

Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
NITHYA PRIYA S
for successfully completing the course
Educational Leadership
with a consolidated score of 69 %
Online Assignments 25/25 | Proctored Exam 43.5/75
Total number of candidates certified in this course: 1363
Jul-Oct 2023
(12 week course)
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur
Indian Institute of Technology Kharagpur
swayam


Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
M BHUVANESWARI
for successfully completing the course
Educational Leadership
with a consolidated score of 90 %
Online Assignments 24.69/25 | Proctored Exam 65.5/75
Total number of candidates certified in this course: 1363
Jul-Oct 2023
(12 week course)
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur
Indian Institute of Technology Kharagpur
swayam

Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
S KANNAKI
for successfully completing the course
Educational Leadership
with a consolidated score of 87 %
Online Assignments 25/25 | Proctored Exam 61.5/75
Total number of candidates certified in this course: 1363
Jul-Oct 2023
(12 week course)
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur
Indian Institute of Technology Kharagpur
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Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
DR K ANANTHI
for successfully completing the course
Educational Leadership
with a consolidated score of 82 %
Online Assignments 24.69/25 | Proctored Exam 57/75
Total number of candidates certified in this course: 1363
Jul-Oct 2023
(12 week course)
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur
Indian Institute of Technology Kharagpur
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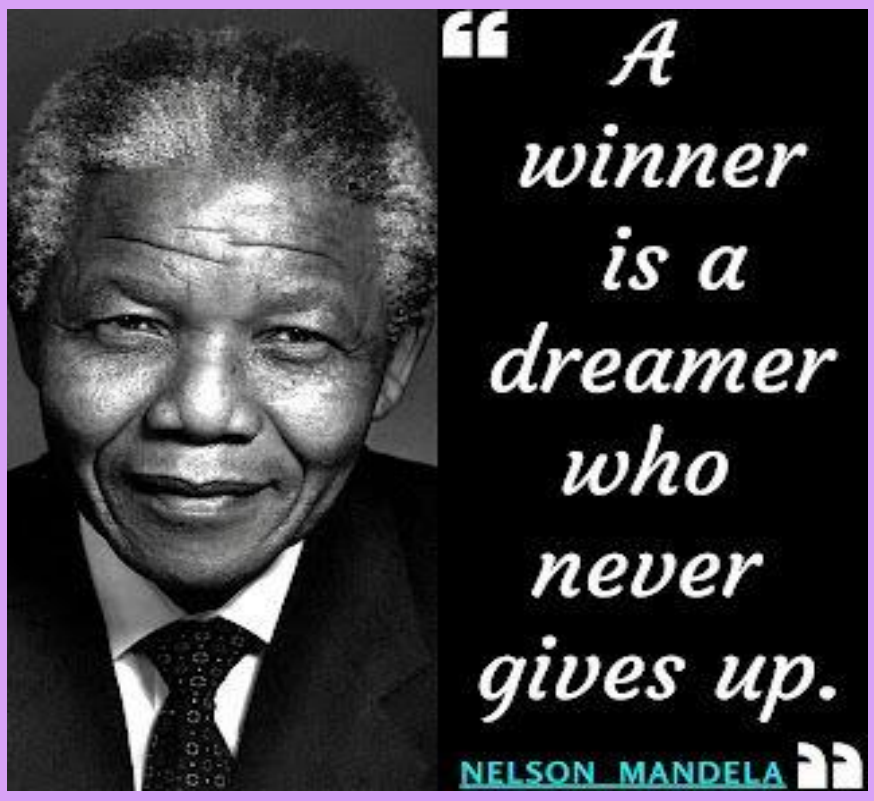
Ms.S.Nithyapriya, Dr.M.Bhuvaneswari, Ms.S.Kannaki and **Dr.K.Ananthi** Assistant Professors of **MCT** have successfully completed NPTEL Online course on **"Educational Leadership"** during Jul – Oct 2023.

M.Tech CSE | COURSERA CERTIFICATION

Mr.J.Senthil, Assistant Professor**,** Department of **M.Tech Computer Science and Engineering** has successfully completed a certification course titled **"TOOLS And Techniques For Managing Stress"** through **Coursera** platform in association with **Starweaver** on 21.11.2023.

LEGENDARY INSIGHTS



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Learn Beyond (Autonomous, NAAC "A+")
Avinashi Road, Arasur, Coimbatore.

INSTITUTION'S INNOVATION COUNCIL

Certificate of Participation

This is certify that Dr. S. BALAKRISHNAN of Sri Krishna College of Engineering and Technology has presented a paper titled Hyperband Boost: Revolutionizing Hybrid Soft Computing Through Hyperparameter Optimization in the Eighth National Conference on **"Innovations and Advancements in Electrical Sciences - NCIAES'23"** (Virtual) held at Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 30.06.2023.

Prof.G.Saravanan
Organizing Secretary

Dr.K.Mohana Sundaram
Convener

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A+")
Avinashi Road, Arasur, Coimbatore.

INSTITUTION'S INNOVATION COUNCIL

Certificate of Participation

This is certify that Mr. I. ANANTRAJ of Sri Krishna College of Engineering and Technology has presented a paper titled Hyperband Boost: Revolutionizing Hybrid Soft Computing Through Hyperparameter Optimization in the Eighth National Conference on **"Innovations and Advancements in Electrical Sciences - NCIAES'23"** (Virtual) held at Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 30.06.2023.

Prof.G.Saravanan
Organizing Secretary

Dr.K.Mohana Sundaram
Convener

Dr.S.Balakrishnan, Professor and Head , Department of **CSBS and** Mr.I.Anantraj**,** Assistant Professor, **CSBS** have presented a paper titled **"Hyperband Boost: Revolutionizing Hybrid Soft Computing through Hyperparameter Optimization"** in Eighth National Conference on Innovations and Advancements in Electrical Sciences-NCIAES 23 held virtually at the Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 30.6.2023.

EEE | CONFERENCE PRESENTATION

Ms.C.Pavithra, Assistant Professor**, EEE Department** has presented a research paper entitled **"Highly Efficient MPPT control technique for PV system using different controllers with Luo Converter"** in the International Conference on Intelligent Computing and Next Generation Wireless Networks (ICNGWN – 2023) on 19-10-2023 and 20-10-2023 organized by Sri Venkateswara College of Engineering, Chennai.

INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND NEXT GENERATION WIRELESS NETWORKS (ICNGWN 2023)

EAI

Organized by

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur, Tamil Nadu

E CERTIFICATE PARTICIPATION

PAVITHRA C

Presented the paper titled **"Highly efficient MPPT control technique for PV system using different controllers with Luo Converter"** co-authored by R.Parthasarathy, M.P.Palinivelrajan, S.Ladika, R.K.Prajith Naagaraj in the **International Conference on Intelligent Computing and Next Generation Wireless Networks (ICNGWN - 2023)** held on October 19 - 20, 2023.

Dr.A.PRASANTH
GENERAL CHAIR

Dr.G.A.SATHISH KUMAR
CONVENOR

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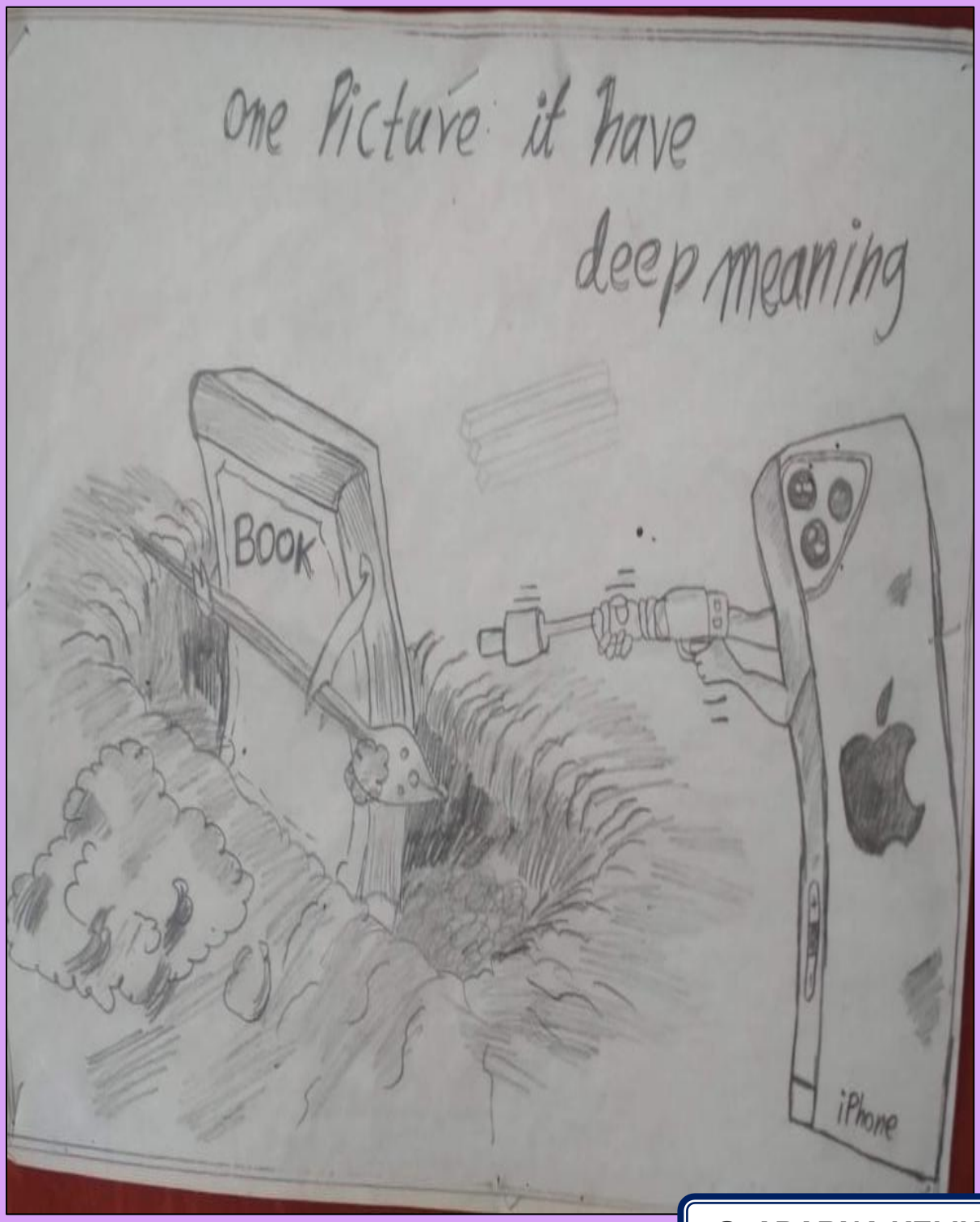

S. APARNA KELIKA
I CSE A

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SANDHYA V
I AI&DS B