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Happy Pongal

INSIDE THE ISSUE

Happy Reading!

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EVENTS

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SKCET PONGAL CELEBRATION 2023

SKCET PONGAL CELEBRATIONS 2023

SKCET organized Pongal celebrations in a grand and traditional manner. Our beloved Trustee Sir and Principal mam presided over the celebrations and shared a cheerful festive address with the cheerful students and faculty crew.

SKCET PONGAL CELEBRATION 2023

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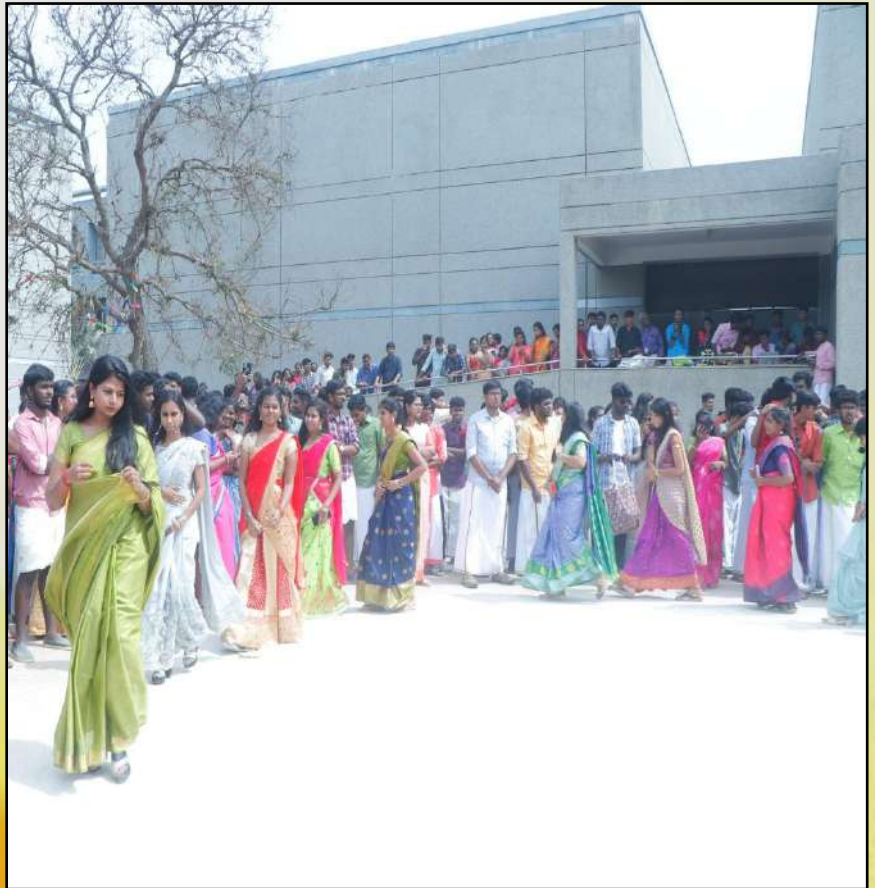
SKCET PONGAL CELEBRATION 2023

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CSE | POWERING STEM HACKS
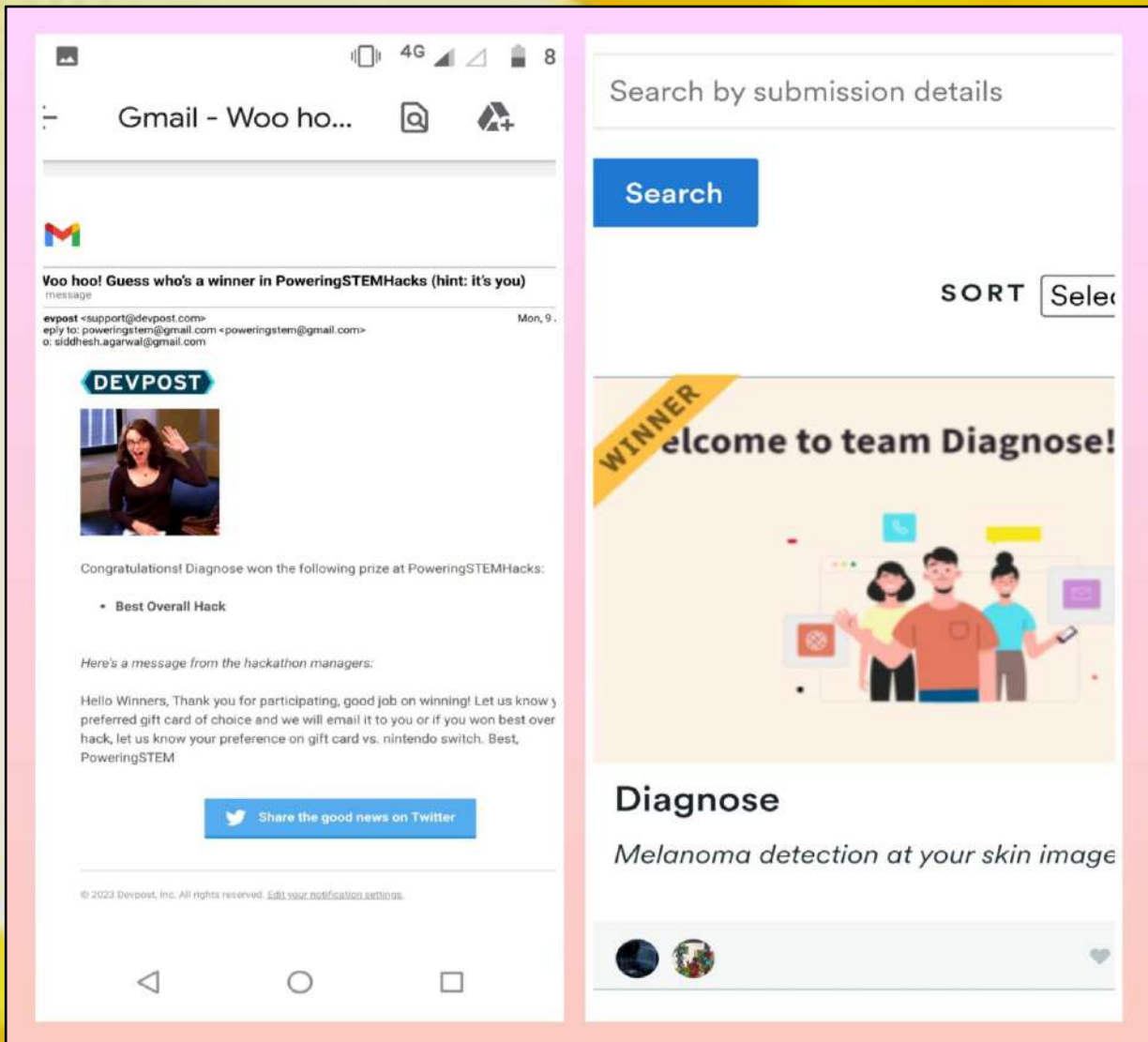
Siddesh Aggarwal , student of **Second** year **CSE** student has submitted the project titled "**The Diagnose**" and has won the **Best Overall Hack** track and has bagged gadgets worth $200 at **PoweringSTEMHacks** conducted by Devpost during 28th December 2022 to 2nd January 2023.

Project Title:

Diagnose - Melanoma detection at your skin images.

Mentor:

Dr.M.Rohini, AP/CSE

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STUDENT ACCOLADES

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CSE | PHOTOGRAPHY CONTEST

P.Praveen Kumar, student of **MCT** has actively participated and declared runner up with the cash prize of **Rs.3000**/- in the Photography Contest of **URJITH 2023** held on 7th January 2023 conducted by the GRG School of Management Studies and PSGR Krishnammal College for Women.

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STUDENT CERTIFICATION

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M.TECH CSE | UDEMY CERTIFICATION

udemy

Certificate no: UC-330bf60a-e149-447f-b5bd-b6aa27954ce4
Certificate url: ude.my/UC-330bf60a-e149-447f-b5bd-b6aa27954ce4
Reference Number: 0004

CERTIFICATE OF COMPLETION

Machine Learning- From Basics to Advanced

Instructors EdYoda Digital University, Awantik Das

Balamithran

Date Jan. 11, 2023
Length 7 total hours

Balamithran, student of **Third year,** Department of **M.Tech Computer Science and Engineering** has successfully completed the course "**Machine Learning – From Basics to Advanced**" organized by Udemy on 11th January, 2023.

EVENTS

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EEE | OUTSIDE CLASSROOM LEARNING

As a part of **Outside Classroom Learning,** the **Third** year students from the Department of **Electrical and Electronics Engineering** visited Power House - 1 Unit of Sri Krishna College of Engineering and Technology, Coimbatore. Students gained a practical perspective of the Transformers, Relays and Circuit Breakers. The *Oil testing of transformers* were practically demonstrated by *Tandem Enterprises, Coimbatore* in our campus. *Dr. G. Radhakrishnan*, Associate Professor, Department of EEE gave an oversight of the technical aspects of a distribution system.

Buzz

ECE | GUEST LECTURE ON HIGHER STUDENTS AND CAREER OPPORTUNITIES

Department of **Electronics and Communication Engineering** organized a Guest Lecture on **"Higher Studies and Career Opportunities"** on 10.01.2023. **Resource Person:** Ms. Simene Hussain, Branch Head, Edwise International, Coimbatore.

Session Highlights: Masters Programs in various Universities like UK, US, Australia, Singapore. Etc, Scholarship Provisions, Awareness on Bank Loan Processing, Cracking ideas for competitive exams like IELTS, GRE, TOEFL.

CSBS & AI&DS | IPR AWARENESS

Department of **CSBS** and **AI&DS** in association with **Rajiv Gandhi National Institute of Intellectual Property Management**, under **National Intellectual Property Awareness Mission (NIPAM)** by Government of India organized a workshop on 5.3.2023. This great initiative by SKCET was immensely appreciated by Government of India, Ministry of Commerce and Industry. This event was organized under the banner Azadi Ka Amrit Mahotsav to create awareness on Intellectual Property Rights. The co-ordinators of the event **Dr.S.Balakrishnan, HoD, CSBS** and **Dr.S.Venkata Lakshmi, HoD, AI&DS** were highly appreciated for their continuous support in organizing the event.

MCT | LEADERSHIP AND MANAGEMENT

SKCET: MCT as Remote center, NITTTR Chandigarh organizes a Short Term course on "Leadership and Management Development" from 09.01.2023 to 13.01.2023.

Day 1:

Session 1&2 - Inauguration & Course Description

Resource Person:

Dr. SK Dhameja

Professor & Course Coordinator,

EDIC Department,

NITTTR, Chandigarh

Session Title: Strategic Planning and Management

Session Highlights:

- Characteristics & Need for Strategic planning.
- Scheduling & Stages in the Strategic planning.
- SWOT Analysis.
- Planning terms.
- Goal based planning.

MCT | LEADERSHIP AND MANAGEMENT
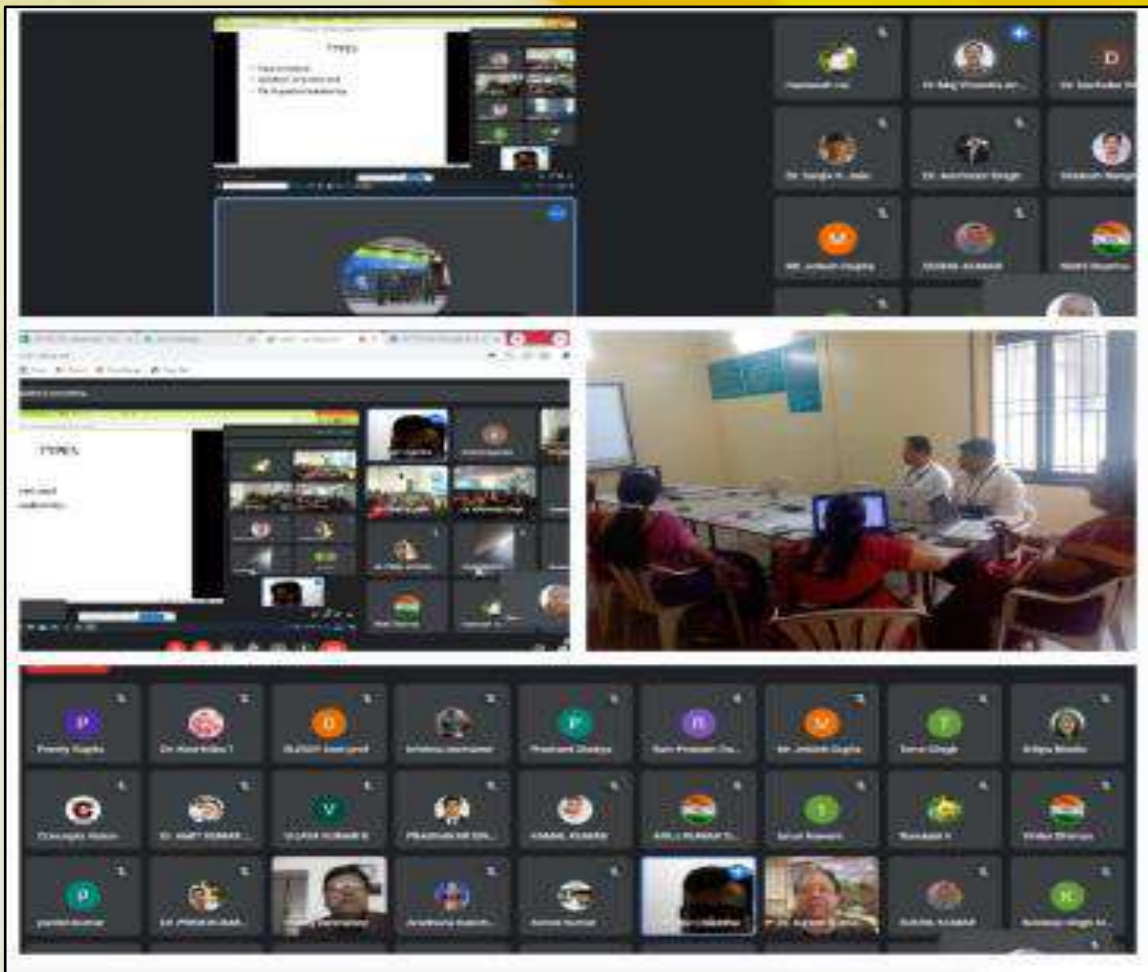
Session 3:

Resource Person:

Dr. Sanjeev Chaddha, Professor & Head, (MDC), Mahatma Gandhi State Institute of Public Administration Punjab, Chandigarh.

Session Title: Leadership Styles

Session Highlights:

- Traits & Leadership.
- Types & Strengths.
- How to discover your Own?
- Transformative Leadership.

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT

Day : Session 1

Resource Person:

Dr. Harsh Vardhan Samalia, Associate Professor, EDIC Department, NITTTR, Chandigarh.

Session Title: Change Management in Technical Institutions.

Session Highlights:

- Development in platform based Companies.

- Robotics Affordability.

- Top 10 skills of 2025.

- Technology Reshuffle.

- Kubler Ross change Model curve.

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT

Session 2

Resource Person:

Dr. Harsh Vardhan Samalia, Associate Professor, EDIC Department, NITTTR, Chandigarh.

Session Title: SWOT Analysis of Technical Institutions.

Session Highlights:

- Trends in Technology Forces.
- Trends in Economic Forces.
- Advancement in Agro Supply Chain.

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT

Session 3

Resource Person:

Prof.J.S.Jain, Professor & Head, EDIC Department, NITTTR, Chandigarh

Session Title: Enhancing Employee Performance

Session Highlights:

- Implementation of Performance Management System.
- Strategies Enhancing Employees Performance.
- Accountability a Priority.
- Importance of Benchmark.

S&H | EXTENDED HOUR ACTIVITY
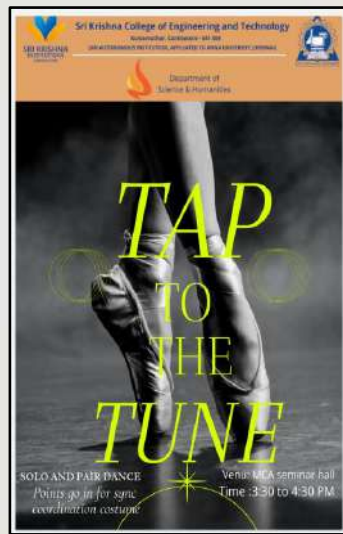
Dance is the hidden language of the soul

Theatre Club of **SHA** conducted **Tap to the Tune** for the **First** year B.E, B.TECH & M.TECH CSE students to showcase their talents in various dance forms like Jazz, Bharatanatyam, Free style etc. The event enthralled the participants and stood to make a point.

S&H | FACULTY EXTRAMURAL SESSION

Department of **Science and Humanities** conducted Extramural Session for faculty members to develop and exhibit their potential fully and achieve excellence. **Dr.Jeyaraj M.** Assistant Professor presented a lecture on Environmental Resources.

S&H | EXTENDED HOUR ACTIVITY
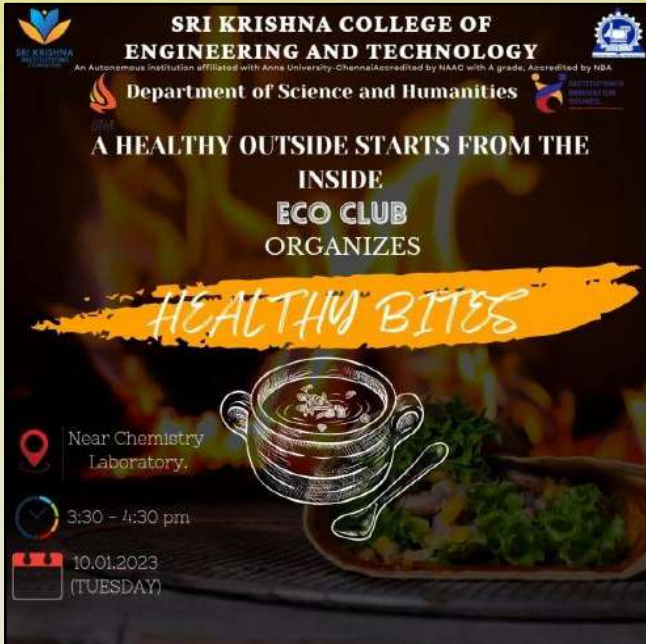
Physical fitness is the first requisite of happiness

ECO Club of **SHA** conducted **Healthy Bites** for the **First** year BE/B.Tech & M.tech CSE students to acquire knowledge about nutritious food that reduces the risk of many chronic health conditions. Students prepared healthy bites and garnished with nutritious toppings.

M.TECH CSE | SOFT SKILL TRAINING

Soft skill training was conducted for the **Third** year **M.Tech Computer Science and Engineering** from 11th to 13thJanuary 2023. Students came up with their own topics and presented their topics enthusiastically. The trainer from TCS encouraged and helped the students to improve their communication and presentation skills which helped them to build **Team work and Leadership Quality.**

AI & DS | PONGAL CELEBRATION - MEHANDI

Festivals are incomplete without Mehandi.

SKCETians proved their love to art with adorable Mehandi designs. 56 Teams eagerly participated, shades of green art in palm were so beautiful... so profound... and so captivating!!!

Jury Member:

Dr.T.Anitha, Assistant Professor, S&H

Winners: M.DivyaLakshmi, I EEE

   S.Kaniskha Ragavi, I EEE

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT - SESSION 1

Day 3:

Session 1

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

Session Title: Blue Ocean Strategy and Tipping Point Leadership.

Session Highlights:

- Principles of Blue Ocean Strategy.

- Successful implementation of Blue Ocean Strategy.

- Red Ocean Strategy.

- Four Actions framework.

- Six path framework.

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT

Session 2 :

Resource Person: Ms.Anuradha Chawla**,** Performance Coach, Founder & CEO, Bbetter HR Solutions, Chandigarh.

Session Title: Academic Leadership.
Session Highlights:

- Qualities Needed for Academic Leadership.
- Laissez - Faire Leadership.
- How to choose Leadership style.

MCT | LEADERSHIP AND MANAGEMENT DEVELOPMENT

Session 3

Resource Person: Dr.Sanjiv Gupta, Ex- Chief General Manager, SML - ISUZU.

Session Title: Managing Personnel in Industry.

Session Highlights:

- Incremental Learning.
- Improve decision making skills.
- Role of Leaders.
- Sustain the change.
- Participative Management.

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RESEARCH AND DEVELOPMENT

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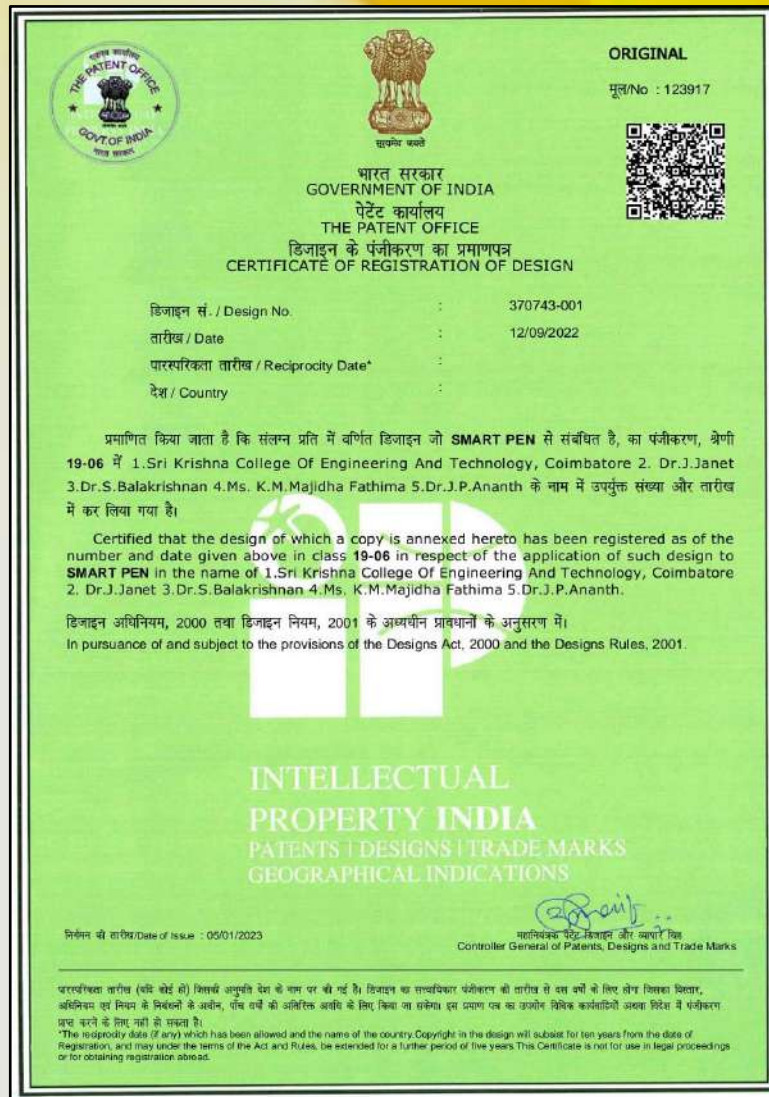
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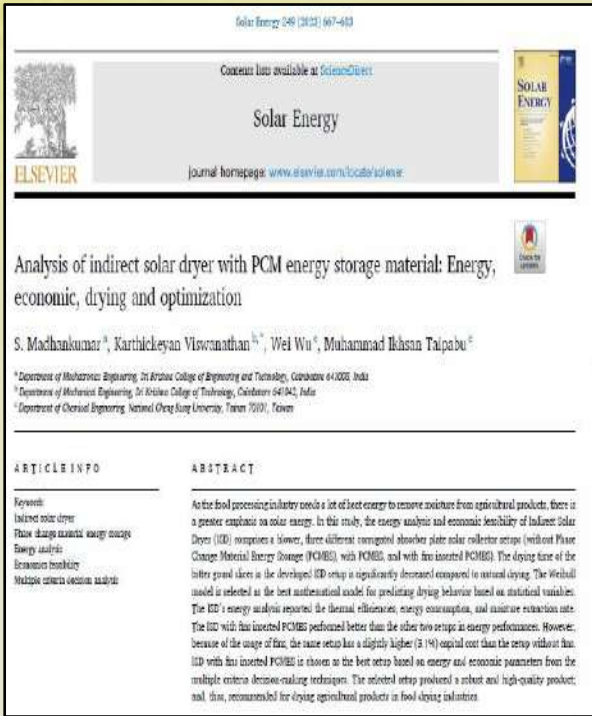
R&D | PATENT GRANT | SKCET

Design Patent Grant with the Certificate of Registration of Design by the Patent Office, Government of India. This Design Patent Grant is part of DST TIDE project

Title: Smart Pen

Team Members:

- Dr.J.Janet,Principal
- Dr.J.P.Ananth, COE & Dean,
- Dr.S.Balakrishnan,HoD-CSBS,
- Ms.Majidha Fathima, AP-CSE .

R&D | PAPER PUBLICATION | MCT

Mr.S.Madhankumar, Assistant Professor, **MCT** has successfully published a paper, entitled **"Analysis of indirect solar dryer with PCM energy storage material Energy, Economic, drying and Optimization"** in Solar Energy journal, Elsevier publication with an impact factor of 7.188. It is a SCI indexed journal publication.

R&D | PAPER PUBLICATION | CIVIL

Dr.S.Ramakrishnan, Associate Professor, Department of **Civil Engineering,** has published a paper, titled "**Economically Improving the quality of construction through Six Sigma and Cost Benefit Analysis**" in the IOP Conference series: Earth and Environmental Science**.**

R&D | ARTICLE PUBLICATION | CSE
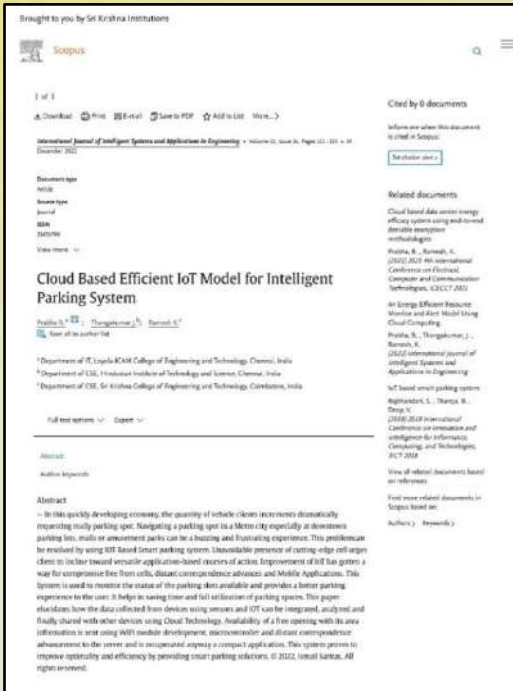
Dr.Ramesh K, Professor**,** Department of **CSE** has published a research article titled **"Cloud Based Efficient IoT Model for Intelligent Parking System",** in the International Journal of Intelligent Systems and Applications in Engineering Volume 10, Issue 2 Pg 111 – 115 ISSN: 21476799. It is Scopus Indexed.

R&D | PAPER PUBLICATION | CSE / AIDS

Dr.S.Oswalt Manoj, Assistant Professor, Department of **CSE** and **Dr.A.Sajeev Ram**, Associate Professor, Department of **AI&DS** have published a paper titled "**A Novel Fuzzy based Deep Neural Network for Rainfall Prediction using Cloud Images**" in the International Journal Concurrency and Computation: Practice and Experience on January 2023. It is Anna University **Annexure 1Journal** and it is indexed in **Web of Science and Scopus**. https://doi.org/10.1002/cpe.7412

R&D | JOURNAL PUBLICATION | EEE

Dr.Ramji Tiwari, Assistant Professor, EEE Department has published a paper entitled **"Efficient Energy Controlling Strategy For Hybrid Power Harvesting System"** in the Journal of Engineering Science and Technology May-2022, P.no:119-131 Impact Factor:0.525. It is indexed in Scopus.

R&D | PAPER PUBLICATION | ECE

Dr.S.P.Premnath, Assistant Professor, Department of ECE has published an SCI and Scopus indexed Journal paper titled **"Image noise removal using optimal deep learning based noisy pixel identification and image enhancement"** in The Imaging Science Journal, ISSN: 1368-2199, DOI:10. 1080/ 136821 99.2022.2155359.

SKCET Buzz

TUTOR WARD MEETING

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MCT | TUTOR WARD MEETING

Mr.S.Panneerselvam, Assistant Professor, MCT, conducted **Tutor Ward Meeting** for the Third year students on 06.01.2023. The pointers of discussion were:

- Informed to Prepare for Soliton drive.

- Placement test completion status.

- Thanikachalam Aptitude training feedback.

- Syllabus coverage and subject feedback.

- Regular class attendance.
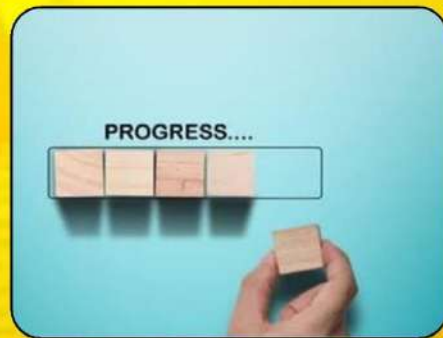
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FACULTY PROGRESSION

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S&H | INVITED GUEST LECTURER

Dr.Indhuleka A, Professor & Head, **Department of Science and Humanities** was invited as the Resource Person to deliver a guest lecture on **Health and Hygiene** for the students of Bio-Chemistry, at Dr.NGP Arts and Science College, Coimbatore.

EEE | DC MEMBER
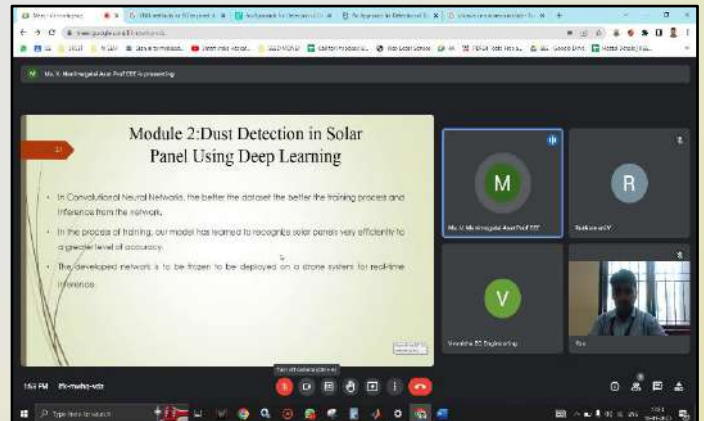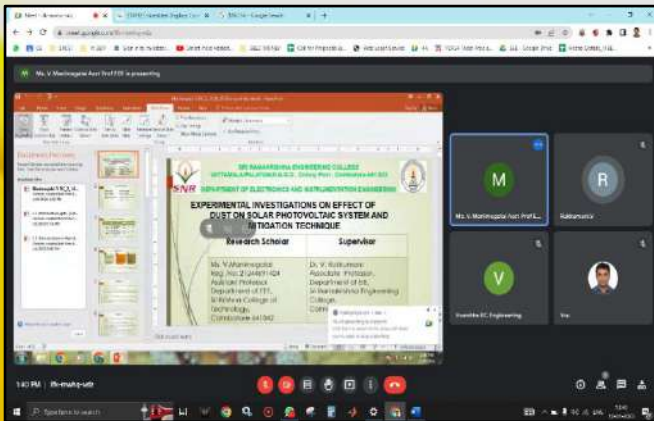
Dr. Ramji Tiwari, Assistant Professor, Department of **Electrical and Electronics Engineering** acted as an External Doctoral Committee member for a Part Time Scholar, Anna University, Chennai. The title of the proposed research work is **'Experimental Investigation on Effects of Dust on Solar Photovoltaics System and Mitigation Technique'**.

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AI&DS | IPR AWARENESS MISSION

Ms.B.Kiruba and **Mr.K.Balaji**, Assistant Professor, Department of **Artificial Intelligence and Data science** has successfully participated in IP Awareness/Training program under **National Intellectual Property Awareness Mission** on January 5th , 2023 organized by Intellectual Property Office, India

ECE | COURSERA CERTIFICATION

Mr. Visvesvaran C, Assistant Professor, Department of **Electronics and communication Engineering** has successfully completed course on "Intelligence Tools for Digital Age" organized by coursera on 5th Jan 2023.

EEE | TRAINING ON NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

The following faculty members of **EEE** have actively participated in **IP Awareness/ Training Programme under National Intellectual Property Awareness Mission** (NIPAM) organized by Intellectual Property Office, Government of India on 05.01.2023.

This event was organised under the banner Azadi Ka Amrit Mahotsav to create awareness on Intellectual Property Rights.

S.No	Faculty Name	Designation
1	Dr. K.C.Ramya	Professor & Head
2	Dr. S. Sivaranjani	Professor
3	Dr. P.Vinoth Kumar	Associate Professor
4	Dr. T.Kokilavani	Assistant Professor
5	Dr. Ramji Tiwari	Assistant Professor
6	Ms. G. Mahalakshmi	Assistant Professor
7	Ms. T.Malini	Assistant Professor
8	Mr. R.Kavin	Assistant Professor

EEE | TRAINING ON NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

MECH | PARTICIPATION IN IP AWARENESS MISSION

Dr. K P Yuvaraj, Assistant Professor, **Mechanical Engineering** has actively participated in IP awareness/training program under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 05.01.2023.

MECH | FDP ON RECENT TRENDS IN COMPOSITES

Dr. R. Soundararajan and **Mr. A. Sathish Kumar,** faculty members, Mechanical Engineering has actively participated in the International Faculty Development Program on **'Recent Trends in Composites'** organized by Alliance College of Engineering and Design, Alliance University, Bengaluru through online mode from 2.01.23 to 6.01.23.

EEE | FDP ON RESEARCH SCOPE IN ELECTRIC VEHICLES

Dr.K.C.Ramya Professor, Head EEE Department, **Dr.S.Sivaranjani, Dr.R.Sumathi, Dr.A.Radhika, Dr.J.Karthika, Dr.P.Vinoth Kumar, Dr.T.Kokilavani, Dr.G.Radhakrishnan, Dr.B.Karthikeyan , Dr.Ramji Tiwari Ms.R.Geethamani, Mr.S.Bagavathy, Mr.S.Boopalan, Ms.N.Subhashini, Ms.G.Mahalakshmi, Ms.N.Subhalakshmi,Mr.S.Karthikeyan, Mr.R.Kavin, Ms.C.Pavithra, Ms.T.Malini, Mr.N.Loganathan, Mr.V.Vineeth** faculty members of, EEE Department have participated in the AICTE recognized Faculty Development Programme on "**Research Scope in Electric Vehicles**" organized by the Department of Electrical Engineering, NITTTR-Chandigarh.

ECE | INTELLECTUAL PROPERTY AWARENESS MISSION

Mr. Dinesh Kumar J R, Assistant Professor, Department of **Electronics and Communication Engineering** completed IP Awareness Training program under "National Intellectual Property Awareness Mission", organized by Intellectual Property office, India on 9th Jan 2023.

ECE | FDP ON RECENT TRENDS IN 5G COMMUNICATION NETWORKS

Dr. V. Nandalal, Professor, Department of **Electronics and communication Engineering** has completed Five days Faculty Development Programme on **"Recent Trends in 5G Communication Networks"** organized by Sri Sai Ram Engineering College, Chennai from 26.12.2022 to 31.12.2022.

MCT | NIPAM CERTIFICATION

Mrs.S. Nithyapriya, Assistant Professor, **MCT** has successfully participated in the online course on **"IP Awareness / Training"** program under National Intellectual Property Awareness Mission on January 05, 2023 organized by Intellectual Property Office, India.

CSBS | IP AWARENESS TRAINING

Mr.M.Manicka Raja, Assistant Professor, Department of Computer Science and Business Systems, has successfully participated in **IP Awareness / Training program** under **National Intellectual Property Awareness Mission (NIPAM)** on 05.01.2023.

ECE | RESEARCH AVENUES IN COMPUTER VISION USING MACHINE LEARNING

Dr. V. Nandalal, Professor, Department of **Electronics and communication Engineering** has completed Two day Faculty Development Programme on "**Research Avenues in Computer Vision using Machine Learning**" organized by SKCET from 26th and 27th December 2022.

ECE | DISRUPTIVE TECHNOLOGIES FOR NEXT GEN COMPUTING

Ms. Praseetha S and **Ms. K. Priyadharsini** Assistant Professors, Department of **Electronics and Communication Engineering** has completed Three days Faculty Development Programme on "**Disruptive Technologies for Next Gen Computing**" organized by the Department of Electronics and Communication Engineering, SKCT from 14.12.2022 to 16.12.2022

# ECE | RESEARCH CHALLENGES IN ARTIFICIAL INTELLIGENCE AND ROBOTICS

Following faculty members of Department of Electronics and communication Engineering has completed Three days Faculty Development Programme on **"Research Challenges in Artificial Intelligence And Robotics"** organized by SKCET from 27.12.2022 to 29.12.2022.

1. Dr.V. Nandalal / Professor
2. Ms. B.Anish Fathima / Assistant Professor
3. Ms. S.Praseetha / Assistant Professor
4. Dr. S.Jayanthi Sree / Associate Professor
5. Ms. K.Priyadharsini / Assistant Professor
6. Dr. J. Rejina Parvin /Associate Professor
7. Dr. SenthilGanesh / Associate Professor
8. Ms. R. Niranjana / Assistant Professor
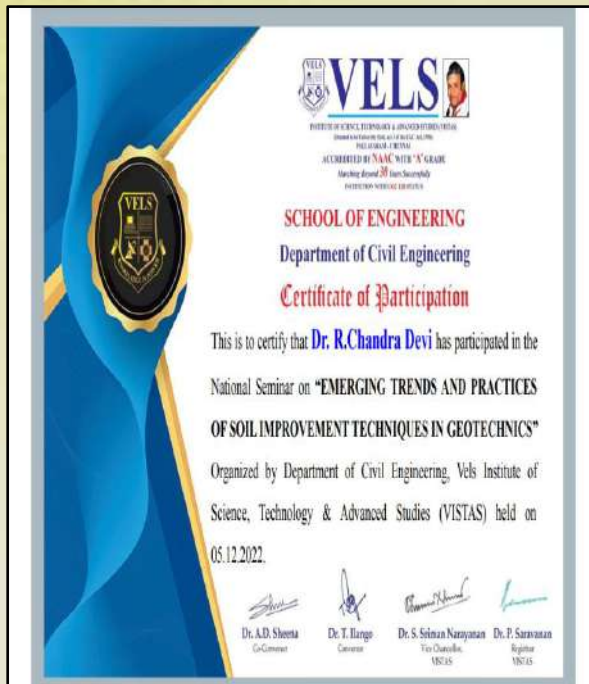
ECE | RESEARCH CHALLENGES IN AI AND ROBOTICS

IT | NIPAM CERTIFICATIONS
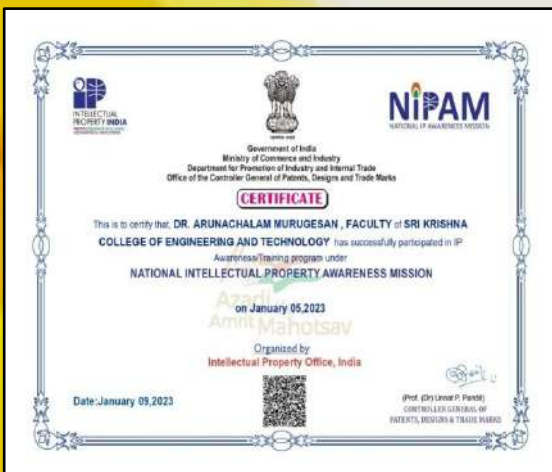
Dr.M.Arunachalam, Professor, IT participated in IP Awareness Program on 5.1.2023 organized by Intellectual Property Office, India.

CIVIL | FACULTY PROGRESSION

Dr. R. Chandra Devi, Associate Professor, **Civil Engineering** Department, participated in a National Seminar on **"Emerging Trends and Practices of Soil Improvement Techniques in Geotechnics"** organised by the Department of Civil Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS) held on 5ᵗʰ December 2022.

CSBS | TTT ON AI

Dr.G.Ignisha Rajathi, Associate Professor, Department of **Computer Science and Business Systems**, has successfully completed the **"Train the Trainer"** Faculty Development Programme for the subject **"Artificial Intelligence"** organized by TCS, on 09.01.2023, through Microsoft Teams. The session was resourced by **Dr.Swarup Ghosh**, facilitated by **Mr.BJ.Mageshwaran**, TCS.

MCT | NIPAM CERTIFICATION

Dr.J.Indirapriyadharshini, Mrs.K.Ananthi, Mr.T.Vignesh, Assistant Professors of **MCT** have successfully participated in the online course on **"IP Awareness / Training"** program under National Intellectual Property Awareness Mission on January 12, 2023 organized by Intellectual Property Office and MoE's Innovation Cell, India.

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CIVIL | CONFERENCE PRESENTATION

Dr. P. Saravanakumar, Associate Professor, Department of **Civil Engineering**, presented their paper on "Carbon Black Based Self-Sensing Cement Composite for Structural Health Monitoring – A Review on Strength and Conductive Characteristics" in the second International Conference on Construction Materials and Structures (ICCMS-2022) held on 13th to 19th December 2022.

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CREATIVE CORNER

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AI & DS | CREATIVE CORNER

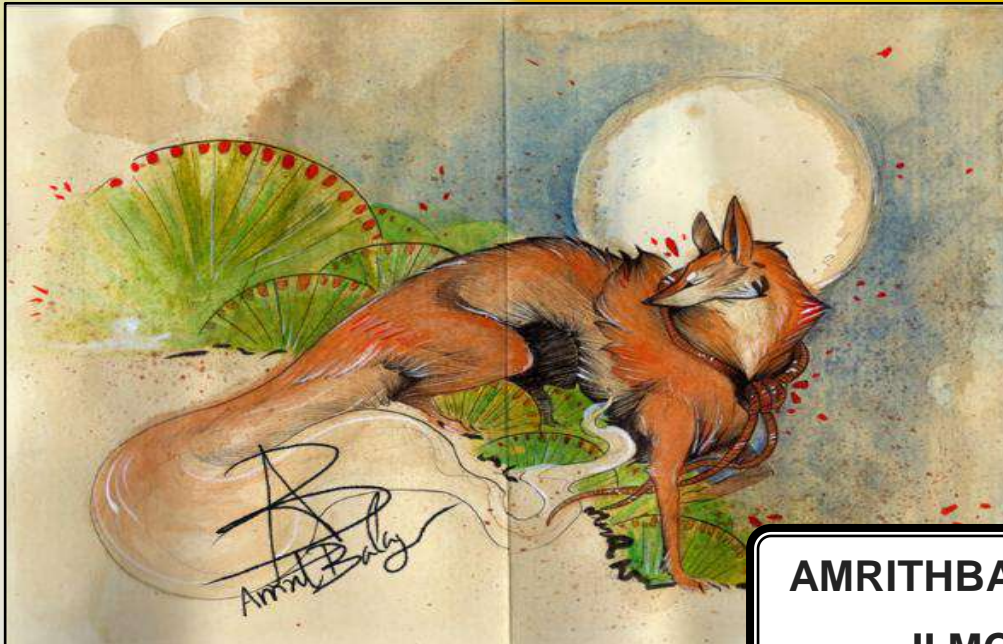**GOKUL . U**

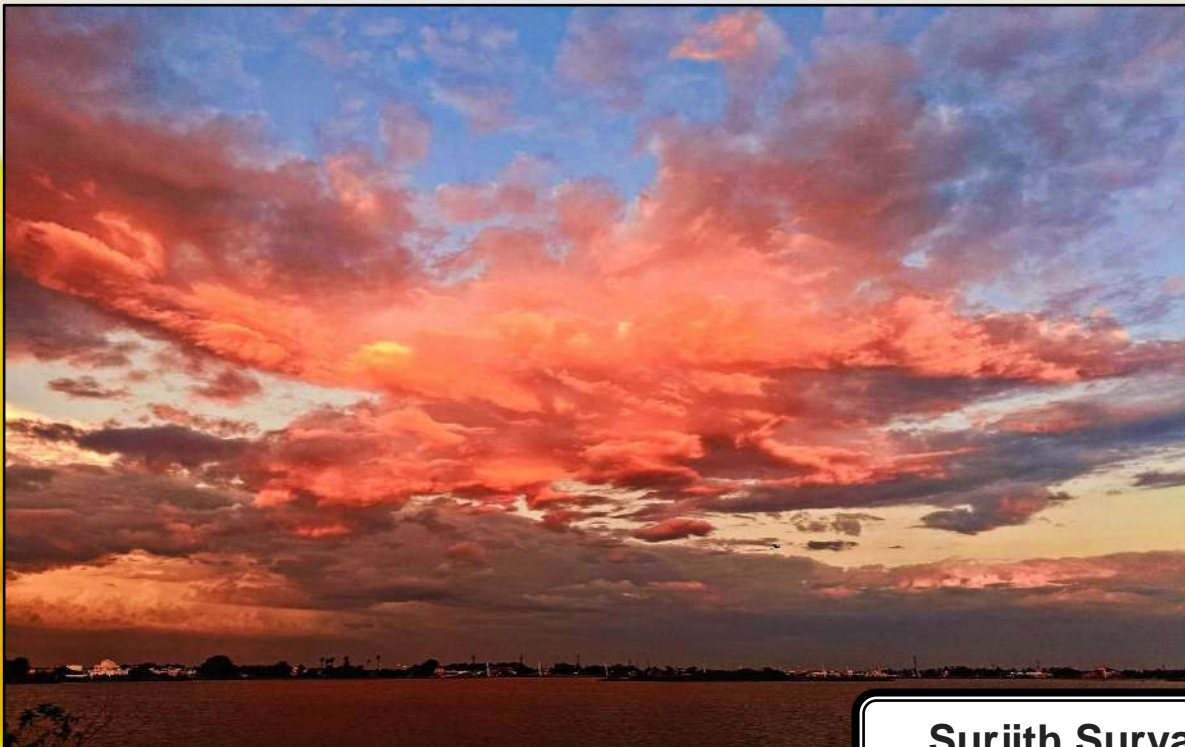III year -AI&DS

AI&DS | CREATIVE CORNER

J SRIKANTH

III year -AI&DS

MCT | CREATIVE CORNER

AMRITHBALAJI. K

II MCT

EEE | CREATIVE CORNER

Surjith Surya.V

IIIYear EEE B

HAPPY

PONGAL