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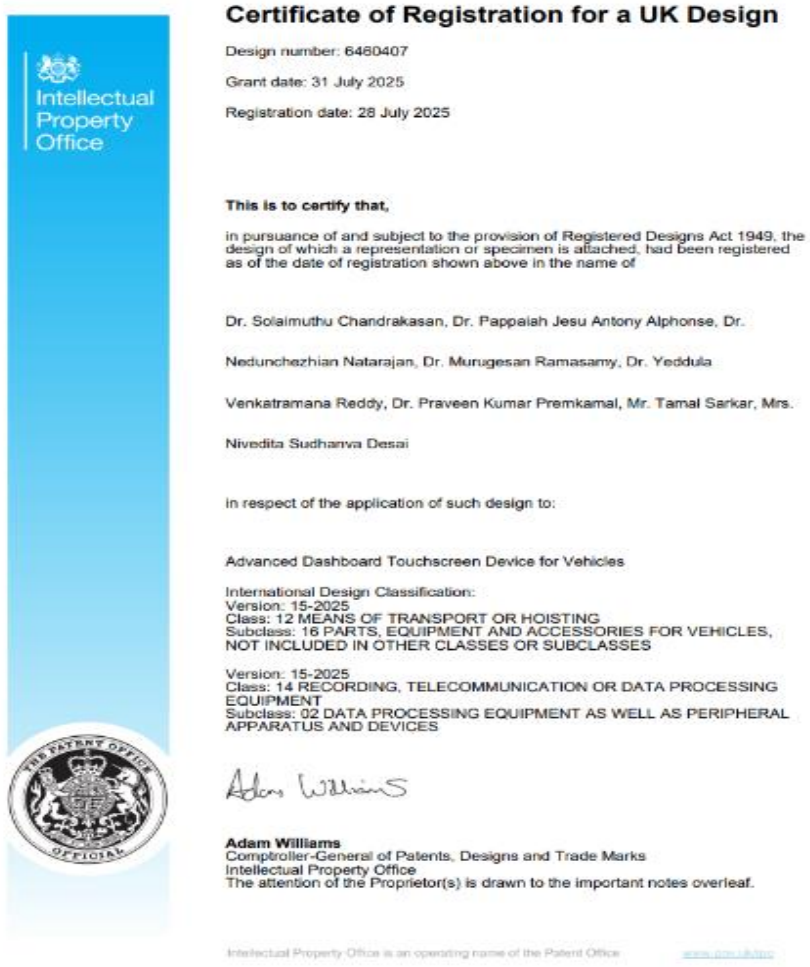
FACULTY ACHIEVEMENTS

2025-2026

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Intellectual Property Office

Certificate of Registration for a UK Design

Design number: 6460407

Grant date: 31 July 2025

Registration date: 28 July 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Solaimuthu Chandrakasan, Dr. Pappaiah Jesu Antony Alphonse, Dr. Nedunchezhian Natarajan, Dr. Murugesan Ramasamy, Dr. Yeddula Venkatramana Reddy, Dr. Praveen Kumar Premkamal, Mr. Tamal Sarkar, Mrs. Nivedita Sudhanva Desai

in respect of the application of such design to:

Advanced Dashboard Touchscreen Device for Vehicles

International Design Classification:
Version: 15-2025
Class: 12 MEANS OF TRANSPORT OR HOISTING
Subclass: 16 PARTS, EQUIPMENT AND ACCESSORIES FOR VEHICLES, NOT INCLUDED IN OTHER CLASSES OR SUBCLASSES

Version: 15-2025
Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING EQUIPMENT
Subclass: 02 DATA PROCESSING EQUIPMENT AS WELL AS PERIPHERAL APPARATUS AND DEVICES

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

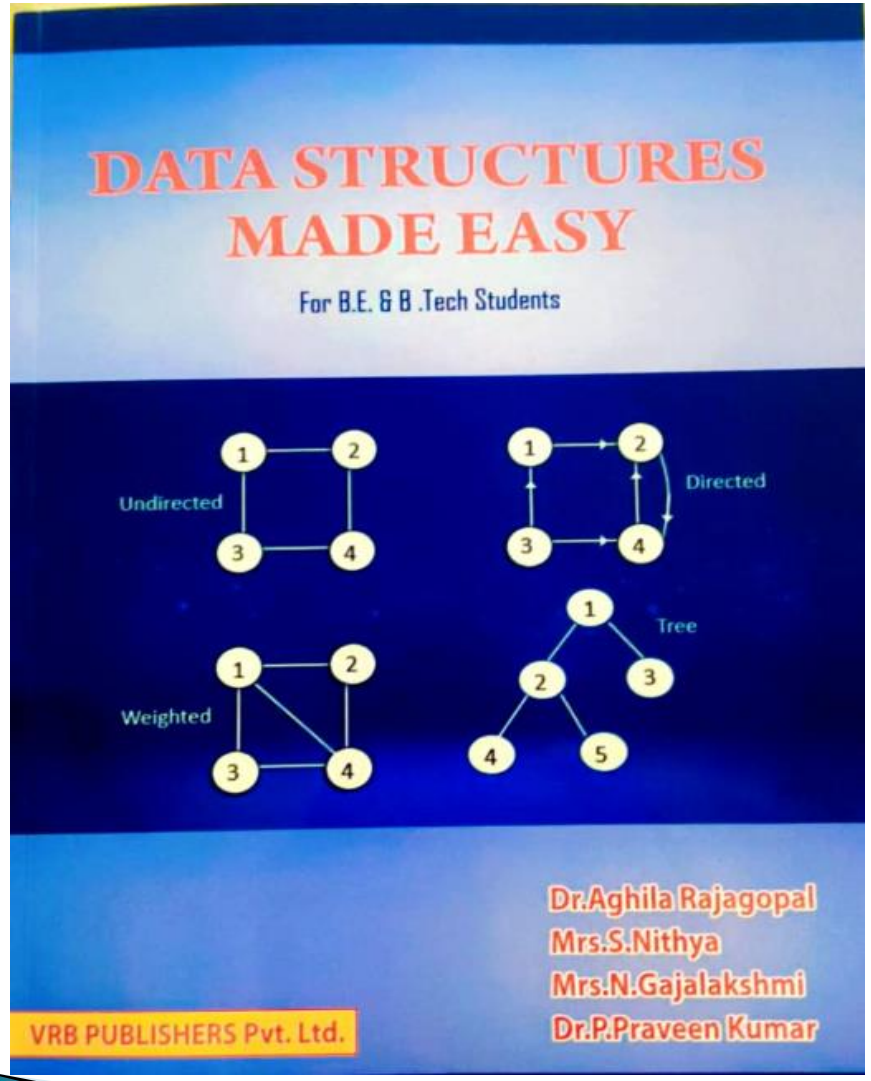
Intellectual Property Office is an operating name of the Patent Office

Dr. P. Praveen Kumar, **ASP - ADS** has successfully been **granted a UK Design** titled "Advanced Dashboard Touchscreen Device for Vehicles."

The design with application number 6460407, is registered on 28th July 2025 and officially granted on 31st July 2025.

This achievement highlights innovation in automotive technology and international recognition of design excellence.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Our ADS Faculty members, **Dr.R.Aghila, Mrs.S.Nithya, Mrs.N.Gajalakshmi, Dr.P.Praveen Kumar** published the Book titled as "Data structures Made Easy" by VRB Publishers Pvt.Ltd, Chennai.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

प्रमाणपत्र सं. / Certificate No.: LD-20250165441

प्रतिलिप्याधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India
प्रतिलिप्याधिकार प्रमाणपत्र | Copyright Certificate
प्रतिलिप्याधिकार नियम का नियम 70 | Rule 70 of The Copyright Rules
प्रतिलिप्याधिकार रजिस्टर से उद्धरण | Extracts from the Register of Copyrights

आवेदन सं. / Application No.: 6625/2025-CO/L दाखिल करने की तिथि/ Date of Filing: 26/02/2025

एतद्वारा यह प्रमाणित किया जाता है कि प्रतिलिप्याधिकार अधिनियम, 1957 के प्रावधानों के अनुसार, उपर्युक्त आवेदन में प्रकट किए गए "Domain Genie" नामक कार्य के लिए प्रतिलिप्याधिकार प्रदान किया गया है।
This is to certify that a copyright has been registered for the work titled "Domain Genie" as disclosed in the below mentioned application in accordance with the provisions of the Copyright Act,1957.

रचयिता / Authors:

सं. / SNO.	नाम / Name	पता / Address
1	Nithya S	Kamaraj College Of Engineering And Technology Virdhunagar-625701
2	Nameetha M	Kamaraj College Of Engineering And Technology Virdhunagar-625701
3	Rajalakshmi K	Kamaraj College Of Engineering And Technology Virdhunagar-625701
4	Gajalakshmi N	Kamaraj College Of Engineering And Technologu Virdhunagar-625701
5	Aghila R	Kamaraj College Of Engineering And Technology Virdhunagar-625701

स्वामी / Owners:

सं. / SNO.	नाम / Name	पता / Address
1	Nithya S	Kamaraj College Of Engineering And Technology Virdhunagar-625701
2	Nameetha M	Kamaraj College Of Engineering And Technology Virdhunagar-625701
3	Rajalakshmi K	Kamaraj College Of Engineering And Technology Virdhunagar-625701

प्रकाशक विवरण / Publisher Details: N.A.

कार्य की भाषा / Language of the Work: English

कार्य का विवरण / Description of the Work: Its an innovative platform that integrates AI powered Chatbots with customized Domain.

शर्तें / टिप्पणियाँ, यदि कोई हों) / (Conditions/ Remarks, if any): N.A.

आर. ओ. सी. जारी होने की तिथि / Date of ROC: 26/05/2025

Registrar of Copyrights

For Additional details please see next page.

Page 1 of 2

Mrs.S.Nithya, Mrs.K.Rajalakshmi, Mrs.N.Gajalakshmi, Dr.R.Aghila & III ADS Student Ms.M.Nameetha have been successfully granted a Copyright titled “Domain Genie.”

The application number is 6460407, registered on 26th Feb 2025 and officially granted on 26th May 2025.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs.S.Nithya, AP - ADS has been shortlisted for the Centre for Engineering Education Excellence (CEEE) Program 2025, under the domain of Computer Science and Information Technology. This prestigious initiative is jointly organized by the Indian National Academy of Engineering (INAE) and Infosys Foundation, in collaboration with IITs and AICTE with Fund of Rs 50,000. The program held from 16th to 27th June 2025 at IIT Madras.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr. S. Balaji, Prof - ADS has **published a design patent** titled "IoT-enabled Electric Vehicle Charging Stations with Solar Integration."

The patent emphasizes the integration of IoT and solar technologies to enhance the efficiency of electric vehicle charging systems.

This publication reflects a significant contribution to sustainable and smart energy solutions.

ORIGINAL

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. : 457271-001

तारीख / Date : 01/05/2025

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *IOT-ENABLED ELECTRIC VEHICLE CHARGING STATION WITH SOLAR INTEGRATION* से संबंधित है, का पंजीकरण, श्रेणी 13-02 में 1.Dr. S. BALAJI 2. Dr. S. JOE PATRICK GNANARAJ 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 13-02 in respect of the application of such design to *IOT-ENABLED ELECTRIC VEHICLE CHARGING STATION WITH SOLAR INTEGRATION* in the name of 1.Dr. S. BALAJI 2. Dr. S. JOE PATRICK GNANARAJ.

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 : 07/08/2025
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है उस देश का नाम। डिजाइन का कॉपीराइट पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के नियमों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

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.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Ain Shams Engineering Journal 16 (2025) 103656

Contents lists available at ScienceDirect

Ain Shams Engineering Journal

journal homepage: www.sciencedirect.com

Full Length Article

IoT-driven smart grid monitoring with enhanced energy routing and advanced encryption techniques

K. Perachi [a,*], S. Balaji [b]

[a] Department of Electronics and Communication Engineering, Sardar Raja College of Engineering, Alangulam, Tenkasi, Tamil Nadu, India
[b] Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology (Autonomous), S.P.G.C Nagar, K. Vellakulam, Virudhunagar 625701, Tamil Nadu, India

ARTICLE INFO

Keywords:
Harmonic Search Optimized Recurrent Neural Network
Improved Paillier Homomorphic (IPH) based encryption
Smart Grid
Shortest Routing Path
Security

ABSTRACT

Integration of Distributed Energy Resources (DERs) such as Photovoltaic (PV) system and wind into power grids has become crucial to achieve effective energy systems. Most conventional approaches either focus primarily on optimizing communication paths without ensuring strong data encryption, or they prioritize security mechanisms that significantly increase latency and energy consumption due to computational complexity. This paper proposes a robust IoT-based smart grid system in which a novel Harmonic Search Optimized Recurrent Neural Network (HSO-RNN) approach improves the shortest path routing efficiency. The proposed work incorporates Improved Paillier Homomorphic (IPH) based encryption scheme, which assures integrity and confidentiality of data transmitted. The outcomes of proposed smart grid system using MATLAB and FPGA controller demonstrate significant improvements by providing enhanced security and optimal routing. Future direction is to integrate federated learning along with post-quantum cryptographic techniques to enhance privacy and protect against future quantum attacks.

1. Introduction

Today, most of the world's generation of power rely on fossil fuels-based plants, but depletion of these reserves, needs alternate solution for ensuring continuous supply of electricity [1]. Solar Photovoltaic (PV) [2] system and wind systems [3] based power grids, are excellent options for electricity energy generation, and contributes to reduced environmental impacts. Despite, the intermittent nature of PV and wind does not support in delivering constant energy supply. Although the basic structure of electrical grid has remained largely unchanged, new technologies are continuously emerging [4]. The integration of sensors and controllers throughout the grid led to the emergence of smart grid. The blending of traditional power grids with modern Information and Communication technologies (ICTs) [5] played a key role in popularizing this concept.

The integration of IoT technology into power networks improves remote monitoring and automating enabling operators the ability to manage grid operations [6]. While IoT offers, numerous advantages to smart grids, it comes with challenges that need to be addressed. Achieving continuous integration depends on development of strong and interoperable solutions [7]. Moreover, the increased connectivity also raises new security and privacy risks, which needs to be addressed to accomplish secure and reliable deployment of IoT within smart grids.

In wireless network system securing data transfer is significant because these networks are exposed to threats than wired system [8]. With the possibility of data interception while transmitting, protecting its integrity and confidentiality is essential. Here, authentication is center to this process, where it verifies user identity, which is attempting to access resources over the network. In real-time applications of IoT-enabled smart grids, several challenges arise that hinder continuous and secure operation. One major challenge is ensuring low-latency communication while maintaining strong data security. Additionally, the heterogeneous nature of IoT devices complicates the implementation of sophisticated security protocols, making the network vulnerable to real-time attacks like replay, man-in-the-middle, or denial of service. Another critical challenge is the dynamic and unpredictable nature of renewable energy sources, such as solar and wind, which necessitate fast, adaptive routing and control algorithms to maintain grid stability. Table 1 summarizes the existing key management techniques along with the corresponding merits and limitations.

* Corresponding author.
E-mail address: kperachi58@gmail.com (K. Perachi).

https://doi.org/10.1016/j.asej.2025.103656
Received 14 March 2025; Received in revised form 16 June 2025; Accepted 20 July 2025

Dr. S. Balaji, Prof - ADS has **published a research paper** titled “IOT Driven smart grid monitoring with enhanced energy routing and advanced encryption techniques” in the Elsevier Aim Shams Engineering journal during July 2025.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

THE 16th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)

July 06th – 11th, 2025, IIT – Indore, Madhya Pradesh, India.

CERTIFICATE OF APPRECIATION

AWARDED TO

Dr. RAMYA R

for serving as a **track chair** for

16th ICCCNT 2025

held at IIT – Indore, Madhya Pradesh, during July 06th - 11th 2025.

Conference Chair / Co-Chair

Dr. R.Ramya, ASP - ADS acted as Session Chair in the 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT) 2025, held on 07.07.2025.

The prestigious event was organized by IIT Indore, Madhya Pradesh, in association with Oriental University, Indore and Kongu Engineering College, Erode.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr. R. Aghila, Prof ADS has successfully completed the peer review of a research article for the Springer Nature journal – *Signal, Image and Video Processing*.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Trio-S
SOFTWARE CONSULTANCY PVT LTD

4th September 2025

To

Mr. Praveen Kumar P
ASP-ADS,
Kamaraj College of Engineering and Technology,
Virudhunagar.

Subject: Invitation to Conduct Soft Skills Training on September 6th, 2025

Dear Praveen,

We are pleased to invite you to conduct a soft skills training session for our team at Trio-S Software Consultancy Pvt Ltd.,

Details of the session are as follows:

Date: September 6th, 2025
Time: 11:00 AM
Venue: Burma Hotel Side Hall

Your expertise in soft skills development will greatly benefit our employees in enhancing their communication, teamwork, and overall professional skills.

We look forward to your valuable contribution.

Thank you.

Best regards,

Sivakumar U
CEO | Trio-S

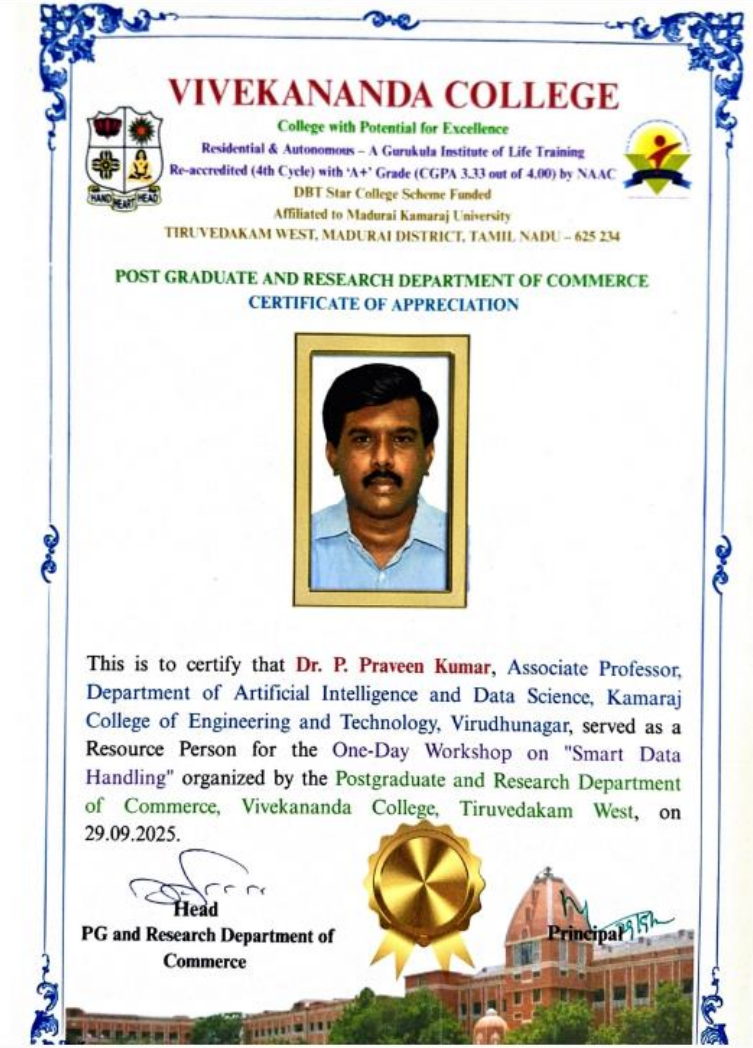
Trio-S Software Consultancy Private Ltd

#69/A-36, Keelakadai Street,
Virudhunagar - 626001.
Tamilnadu, India | +91 4562 420685
info@trio-s.com | www.trio-s.com

Dr. P. Praveen Kumar, ASP - ADS served as resource person in the Soft Skill Training session conducted by Trio-S Software Consultancy Pvt. Ltd., Virudhunagar, on 6th September 2025.

His contribution was well appreciated for its practical insights and engaging delivery.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



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POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE

CERTIFICATE OF APPRECIATION

This is to certify that Dr. P. Praveen Kumar, Associate Professor, Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology, Virudhunagar, served as a Resource Person for the One-Day Workshop on "Smart Data Handling" organized by the Postgraduate and Research Department of Commerce, Vivekananda College, Tiruvedakam West, on 29.09.2025.

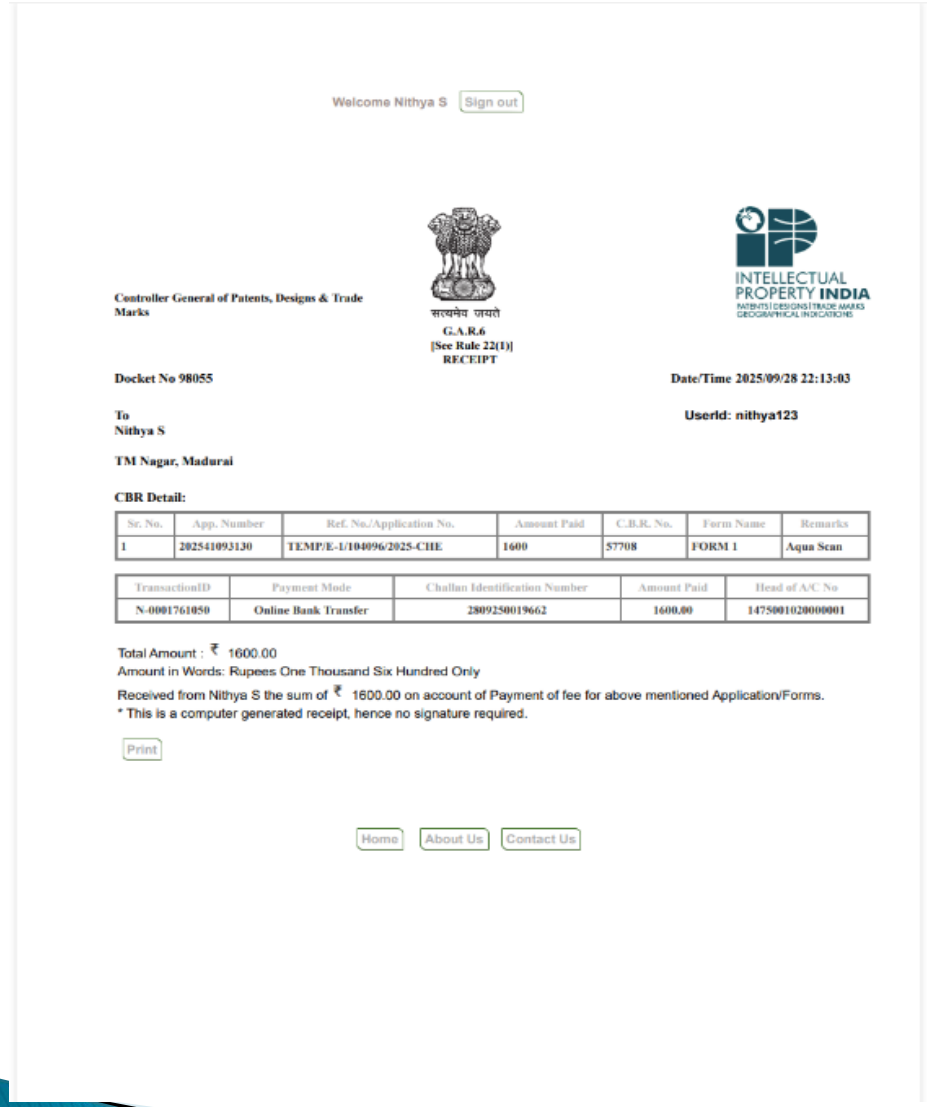
Head
PG and Research Department of Commerce

Principal

Dr. P. Praveen Kumar, ASP - ADS served as a resource person for a one-day workshop on "Smart Data Handling," organized by the PG and Research Department of Commerce at Vivekananda College, Tiruvedakam, on 29th September 2025.

The session focused on modern data management techniques and their applications in research and business analytics. His expertise provided valuable insights to participants on effective data handling and analysis.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Welcome Nithya S Sign out

Controller General of Patents, Designs & Trade Marks

सत्यमेव जयते

G.A.R.6
[See Rule 22(1)]
RECEIPT

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

Docket No 98055

Date/Time 2025/09/28 22:13:03

To
Nithya S

Userid: nithya123

TM Nagar, Madurai

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202541093130	TEMP/E-1/104096/2025-CHE	1600	57708	FORM 1	Aqua Scan

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001761050	Online Bank Transfer	2809250019662	1600.00	1475001020000001

Total Amount : ₹ 1600.00
Amount in Words: Rupees One Thousand Six Hundred Only

Received from Nithya S the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hence no signature required.

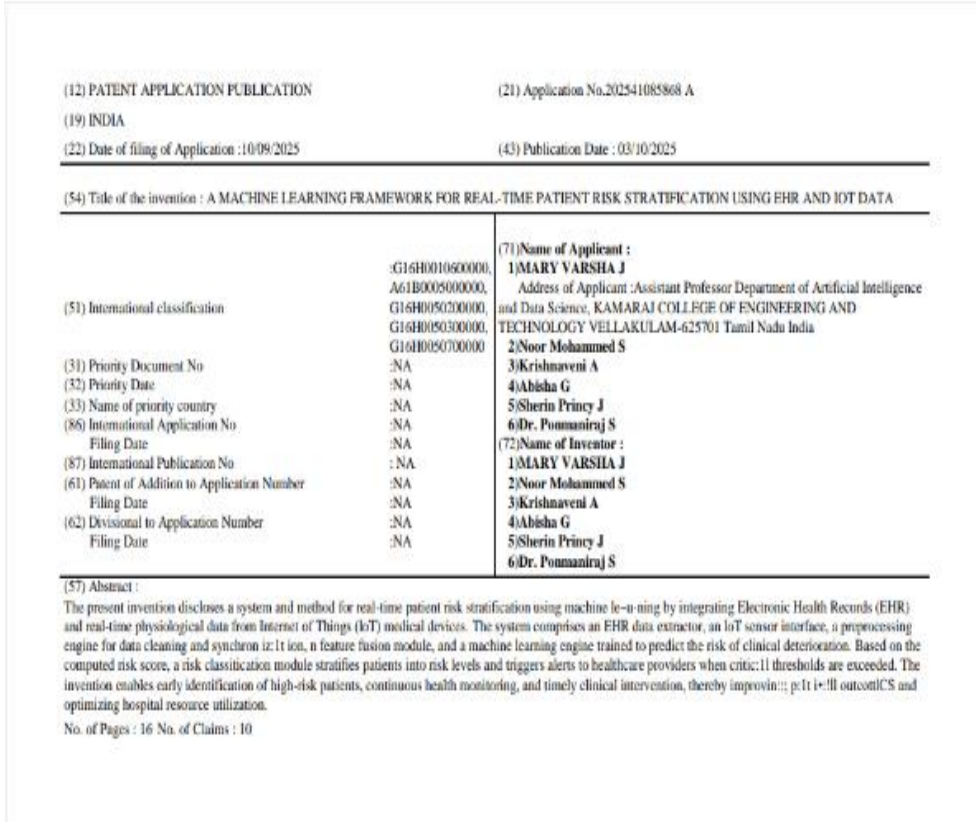
Print

Home About Us Contact Us

ADS Department faculties filed a Utility patent on 29.09.2025 titled "Aqua Scan" with Application Number R20254070201. The applicants are **Mrs.S.Nithya, Mrs.K.Rajalakshmi, DR.S.Balaji**.

Inventors: Mrs.S.Nithya, Students of III ADS -K.Agalya, K.Akshaya, S.Subiksha, M.Nameetha

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/09/2025

(21) Application No.202541085868 A

(43) Publication Date : 03/10/2025

(54) Title of the invention : A MACHINE LEARNING FRAMEWORK FOR REAL-TIME PATIENT RISK STRATIFICATION USING EHR AND IOT DATA

(51) International classification :G16H0010600000, A61B0005000000, G16H0050200000, G16H0050300000, G16H0050700000

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MARY VARSHA J
Address of Applicant :Assistant Professor Department of Artificial Intelligence and Data Science, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY VELLAKULAM-625701 Tamil Nadu India
2)Noor Mohammed S
3)Krishnaveni A
4)Abisha G
5)Sherin Princy J
6)Dr. Ponmaniraj S

(72)Name of Inventor :
1)MARY VARSHA J
2)Noor Mohammed S
3)Krishnaveni A
4)Abisha G
5)Sherin Princy J
6)Dr. Ponmaniraj S

(57) Abstract :

The present invention discloses a system and method for real-time patient risk stratification using machine le~u-ning by integrating Electronic Health Records (EHR) and real-time physiological data from Internet of Things (IoT) medical devices. The system comprises an EHR data extractor, an IoT sensor interface, a preprocessing engine for data cleaning and synchron iz:1t ion, n feature fusion module, and a machine learning engine trained to predict the risk of clinical deterioration. Based on the computed risk score, a risk classification module stratifies patients into risk levels and triggers alerts to healthcare providers when critic:11 thresholds are exceeded. The invention enables early identification of high-risk patients, continuous health monitoring, and timely clinical intervention, thereby improvin::: pc1t i•:!ll outcomlCS and optimizing hospital resource utilization.

No. of Pages : 16 No. of Claims : 10

Mrs. J. Mary Varsha, AP-ADS has published a patent titled “A Machine Learning Framework for Real-Time Patient Risk Stratification Using EHR and IoT Data.”

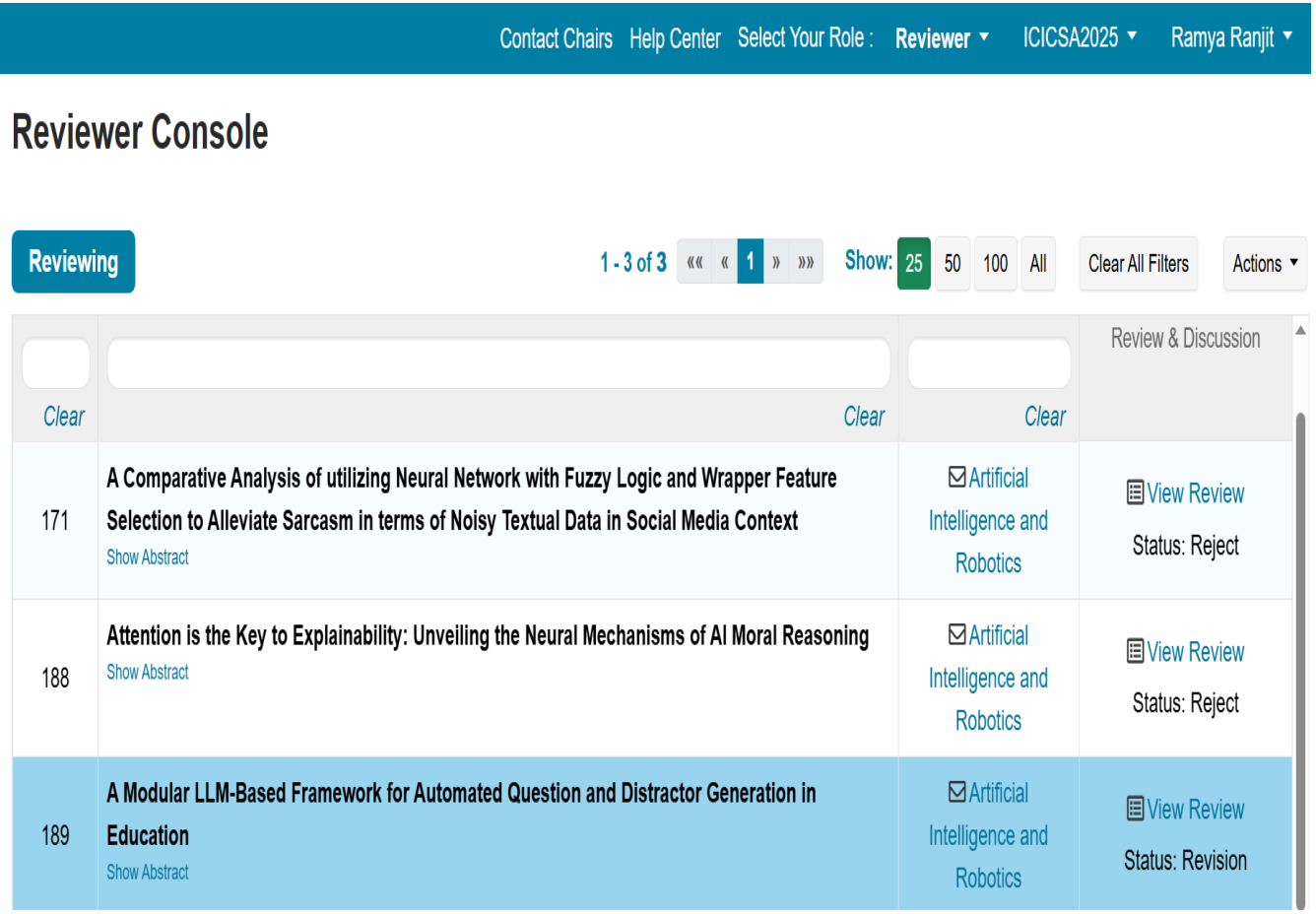
The patent focuses on leveraging machine learning and IoT technologies to enhance patient monitoring and healthcare analytics.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr. R.Ramya, ASP – ADS earned the Oracle Cloud Infrastructure 2025 AI Foundations Associate certification that strengthened

- Oracle Cloud Infrastructure (OCI) fundamentals
- Core concepts of Artificial Intelligence & Machine Learning
- OCI AI Services, Generative AI, and Responsible AI principles
- Practical applications of AI across cloud solutions

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Dr. R.Ramya, ASP - ADS reviewed research papers in the International Conference - ICICSA 2025 organized by NIT Silchar — a truly enriching experience that offered fresh insights into emerging trends in intelligent computing

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. K.Muthulakshmi, AP-ADS attended NPTEL Star event and received NPTEL discipline star award at IIT Madras.

FACULTIES SIGNIFICANT ACHIEVEMENTS
2025-2026
EVEN SEM

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr. R. Ramya, ASP-ADS acted as a Resource Person in the 5-Day Online FDP titled “Transforming Teaching–Learning through Outcome-Based Education” organized by Study World College of Engineering on 24.12.2025.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

प्रमाणपत्र सं. / Certificate No.:
LD-20260181600

INTELLECTUAL PROPERTY INDIA

प्रतिलिप्याधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India
प्रतिलिप्याधिकार प्रमाणपत्र | Copyright Certificate
प्रतिलिप्याधिकार नियम का नियम 70 | Rule 70 of The Copyright Rules
प्रतिलिप्याधिकार रजिस्टर से उद्धरण | Extracts from the Register of Copyrights

आवेदन सं. / Application No.: LD-32853/2025-CO दाखिल करने की तिथि/ Date of Filing: 16/08/2025

एतद्द्वारा यह प्रमाणित किया जाता है कि प्रतिलिप्याधिकार अधिनियम, 1957 के प्रावधानों के अनुसार, संलग्न आवेदन में प्रकट किए गए "Instructional System Design for Ethical Hacking" नामक कार्य के लिए प्रतिलिप्याधिकार प्रदान किया गया है।
This is to certify that a copyright has been registered for the work titled "Instructional System Design for Ethical Hacking" as disclosed in the below mentioned application in accordance with the provisions of the Copyright Act, 1957.

रचयिता / Authors:

सं. / SNO.	नाम / Name	पता / Address
1	S.JANANI	351, OLD TRUNK ROAD, SATTUR-626203
2	G.UMA MAHESWARI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701
3	K.MUTHULAKSHMI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701

स्वामी / Owners:

सं. / SNO.	नाम / Name	पता / Address
1	S.JANANI	351, OLD TRUNK ROAD, SATTUR-626203
2	G.UMA MAHESWARI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701

प्रकाशक विवरण / Publisher Details: N.A.
कार्य की भाषा / Language of the Work: English
कार्य का विवरण / Description of the Work: Instructional system design for the course Ethical Hacking
(शर्तें / टिप्पणियाँ, यदि कोई हो) / (Conditions/ Remarks, if any): N.A.

आर. ओ. सी. जारी होने की तिथि / Date of ROC: 29/01/2026

Registrar of Copyrights

For Additional details please see next page

Dr.R.Ramya, ASP-ADS and Mrs.K.Muthulakshmi, AP-ADS registered a Copyright titled "Instructional System Design for Ethical Hacking" dated 29.01.2026 – Registration Number: LD-20260181600.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

प्रमाणपत्र सं. / Certificate No.: LD-20260181598

INTELLECTUAL PROPERTY INDIA

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प्रतिलिप्याधिकार रजिस्टर से उद्धरण | Extracts from the Register of Copyrights

आवेदन सं. / Application No.: LD-33043/2025-CO दाखिल करने की तिथि/ Date of Filing: 18/08/2025

एतद्द्वारा यह प्रमाणित किया जाता है कि प्रतिलिप्याधिकार अधिनियम, 1957 के प्रावधानों के अनुसार, उपर्युक्त आवेदन में प्रकट किए गए "Python Linked List: One Shot Comparison" नामक कार्य के लिए प्रतिलिप्याधिकार प्रदान किया गया है।

This is to certify that a copyright has been registered for the work titled "Python Linked List: One Shot Comparison" as disclosed in the below mentioned application in accordance with the provisions of the Copyright Act,1957.

रचयिता / Authors:

सं. / SNO.	नाम / Name	पता / Address
1	R.RAMYA	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701
2	K.MUTHULAKSHMI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701
3	K.LEELARANI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701

स्वामी / Owners:

सं. / SNO.	नाम / Name	पता / Address
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2	K.MUTHULAKSHMI	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, SPGC NAGAR, K.VELLAKULAM-625701

प्रकाशक विवरण / Publisher Details: N.A.

कार्य की भाषा / Language of the Work: English

कार्य का विवरण / Description of the Work: A quick visual understanding of similarities and differences between single, double and circular linked lists

(शर्तें / टिप्पणियाँ, यदि कोई हों) / (Conditions/ Remarks, if any): N.A.

आर. ओ. सी. जारी होने की तिथि / Date of ROC: 29/01/2026

Registrar of Copyrights

For Additional details please see next page.

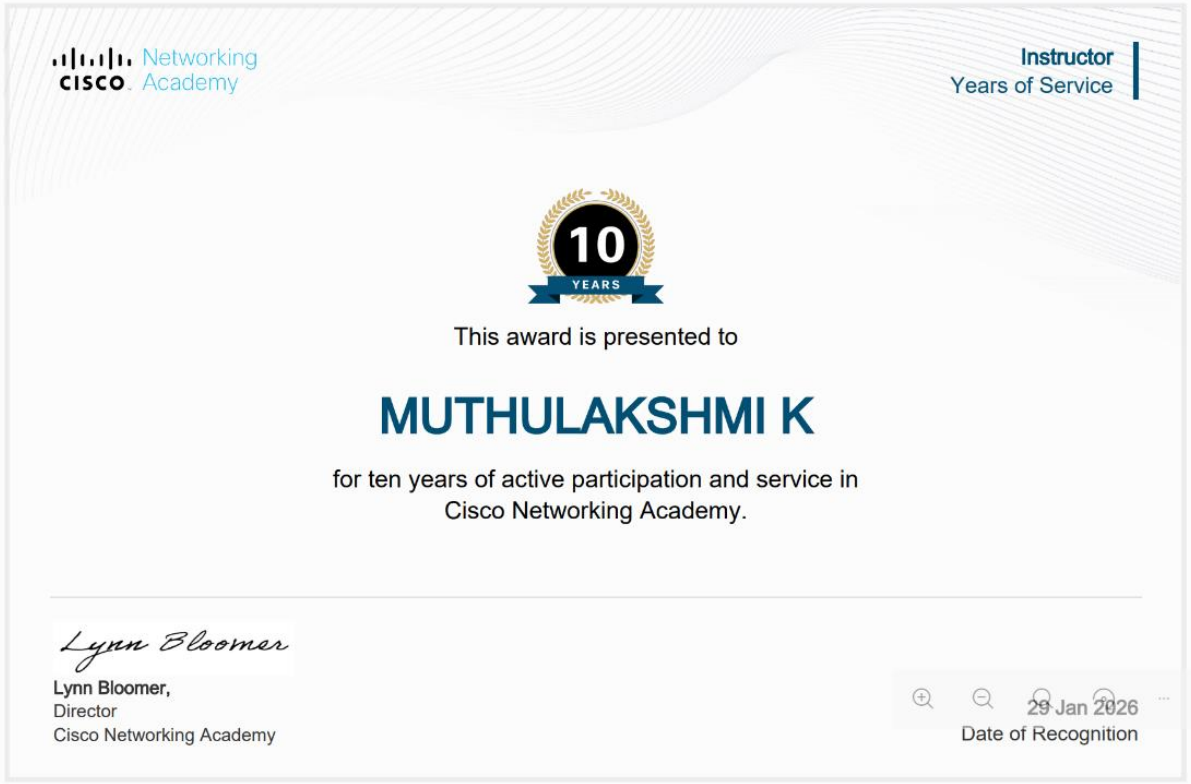
Dr.R.Ramya, ASP-ADS and Mrs.K.Muthulakshmi, AP-ADS registered a Copyright titled "Python Linked List: One Shot Comparison" dated 29.01.2026 – Registration Number LD-20260181598.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. N. Gajalakshmi, AP-ADS acted as a Resource Person at Fatima Michael College of Engineering and Technology for a seminar organized by the Department of Civil Engineering and the Institution's Innovation Council (IIC).

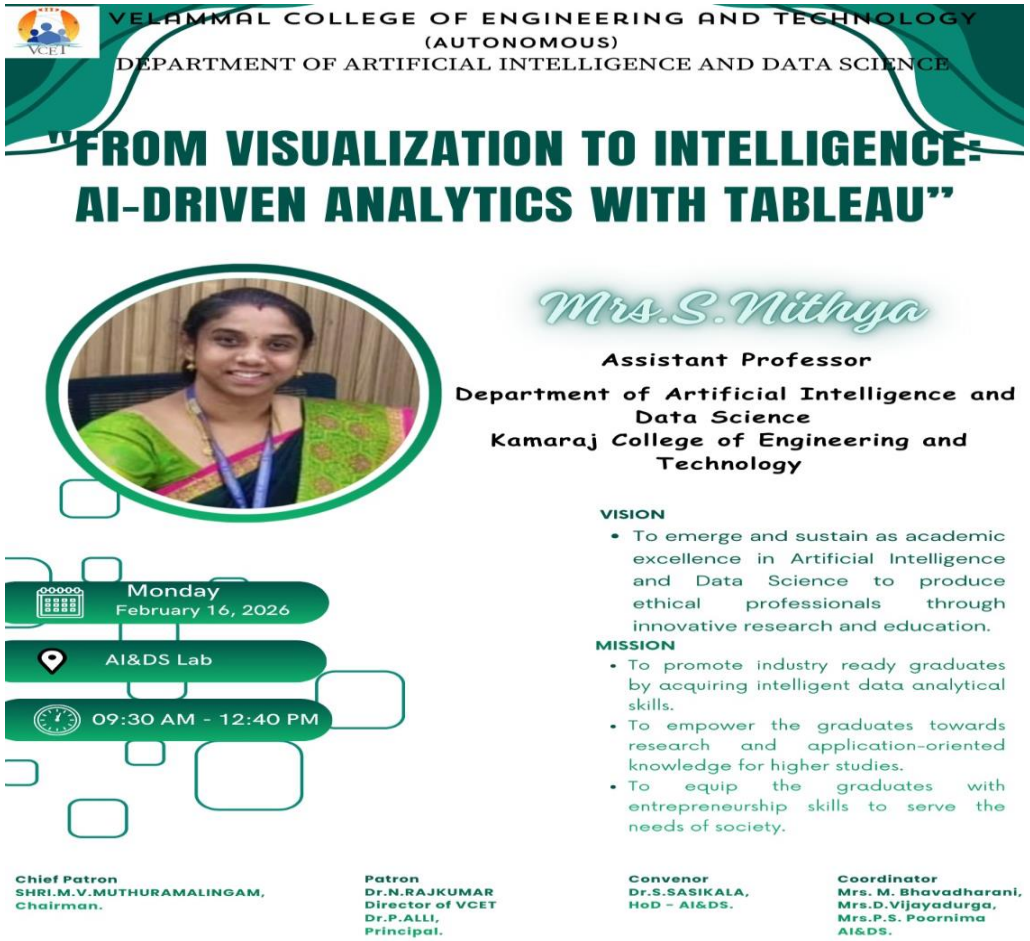
The title of the seminar was "Built to Trust: Engineering Intelligent AI Systems." The event was held on 05 February 2026

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Mrs.K.Muthulakshmi, AP-ADS received Appreciation from CISCO for dedicated participation in the Cisco Networking Academy program over a period of 10 years as a SPOC and CCNA Instructor.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Mrs. S. Nithya, AP-ADS acted as a Resource Person at Velammal College of Engineering and Technology for a guest lecture organized by the Department of AI&DS.

The title of the seminar was "From Visualization to Intelligence: AI-Driven Analytics with Tableau." The event was held on 16th February 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs.K.Muthulaksmi, AP-ADS has attended CISCO – India Leadership Summit 2026 at CISCO Systems, Bangalore, India that took place in February 2026

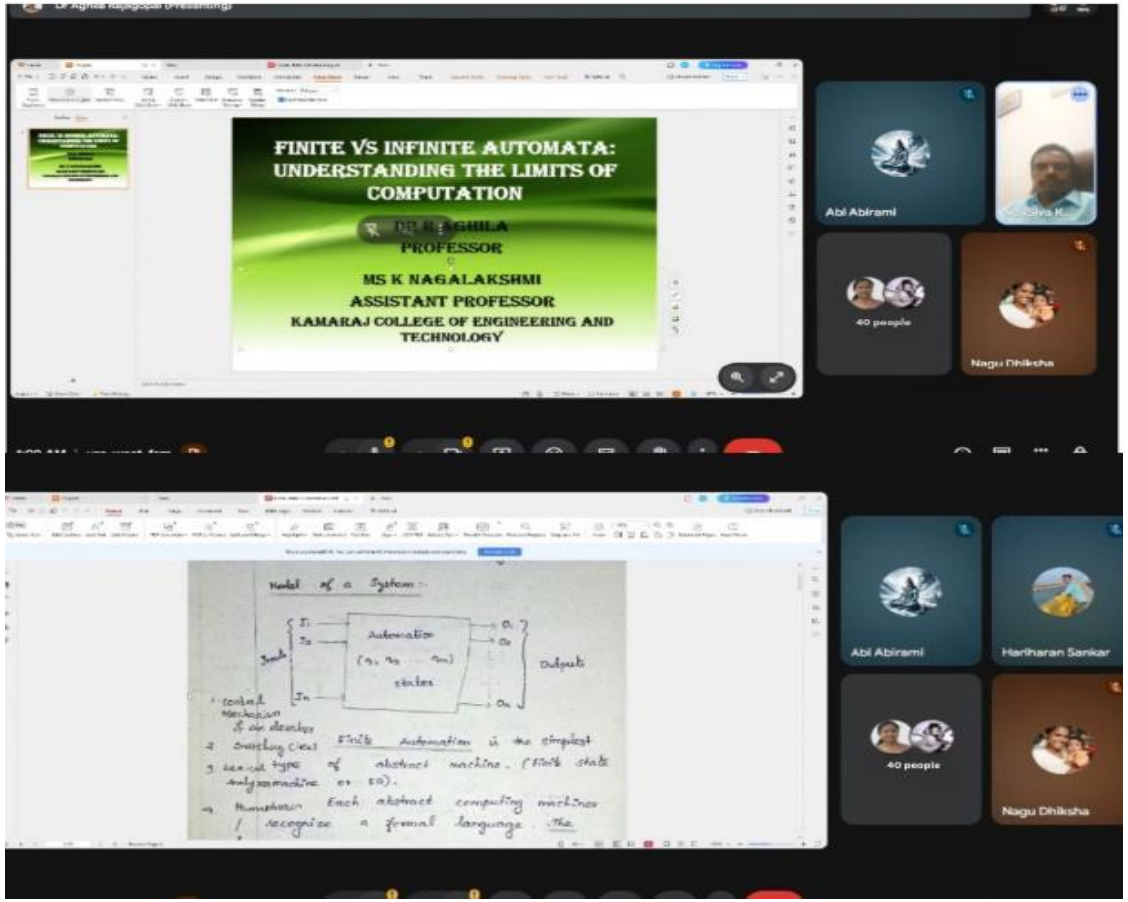
FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. S. Nithya, AP-ADS, and Mrs. K. Rajalakshmi, AP-ADS acted as Resource Person at Bharath Niketan Engineering College for a guest lecture titled “Generative AI and Foundation Models: Beyond Traditional Deep Learning” that took place in February 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. J. Mary Varsha, AP - ADS acted as a Resource Person for an online guest lecture titled “Data Exploration and Visualization” organized by DMI Engineering College in February 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Dr. R. Aghila, Prof/ADS, and Mrs. A. Nagalakshmi, AP/ADS acted as Resource Persons in an online guest lecture titled “Finite vs Infinite Automata: Understanding the Limits of Computing”, organized by Mahakavi Bharathiyar College of Engineering and Technology during February 2026.

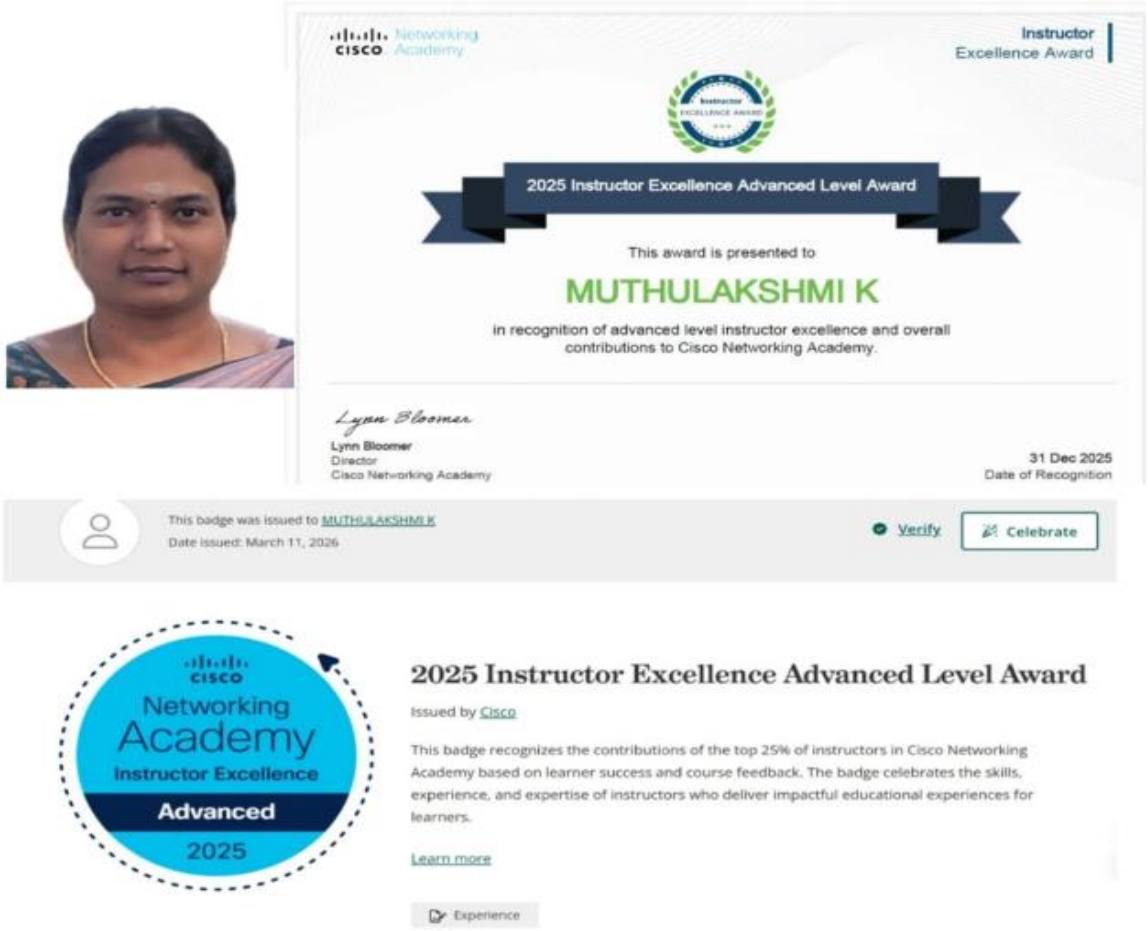
FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. J. Mary Varsha, AP/ADS acted as a Resource Person in an online guest lecture titled “Generative AI in LLMs” organized by St. Mother Theresa Engineering College in February 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. J. Mary Varsha, AP-ADS acted as a Resource Person for an online guest lecture titled “Understanding Data through Statistical Methods” organized by DMI Engineering College in February 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Mrs.K.Muthulakshmi, AP-ADS received the 2025 Instructor Excellence Award from CISCO Networking Academy. CISCO recognized her as a top instructor, distinguished by outstanding student feedback and performance during March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr.R.Aghila, Professor/ADS delivered a guest lecture on the topic "From Circuit to Code : Data structures and python for modern EEE engineers" at Anna University Madurai regional campus on 16.03.26.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

ICNARI/Certificate/2026/185

"INTERNATIONAL CONFERENCE ON NEXT-GENERATION ADAPTIVE RESEARCH AND INNOVATIONS"

06th March 2026 – 8th March 2026

Certificate of Authorship

to

1. Sanjhai M.L, UG Student, Department of CSE, Kamaraj College Of Engineering and Technology Virudhunagar, Tamil Nadu, India

2. Idhayanila VP, UG Student, Department of CSE, Kamaraj College Of Engineering and Technology Virudhunagar, Tamil Nadu, India

3. Ramya R, Associate Professor, Department of ADS, Kamaraj College Of Engineering and Technology Virudhunagar, Tamil Nadu, India for Paper ID *398* and Paper Title *Modelling Kolam Symmetry and Structure using Computational Geometry Techniques* in INTERNATIONAL CONFERENCE ON NEXT-GENERATION ADAPTIVE RESEARCH AND INNOVATIONS (ICNARI 2026), organized by Department of Electrical Engineering, National Institute of Technology Patna.

ज्ञानम् नवोन्मेषः प्रगतिः

Dr. Amitesh Kumar, Convener, ICNARI 2026

Dr. Vimlesh Verma, Head, EED, NIT Patna

Dr. Rajib Kumar Mandal, Chairman, ICNARI 2026

Prof. Ramesh Kumar, Dean (R&C) | Chairman, ICNARI 2026

Dr.R.Ramya, ASP-ADS presented the paper titled "Modelling kolam symmetry and structure using computational geometry Techniques" in the International Conference on Next Generation Adaptive Research and Innovations organized by National Institute of Technology, Patna during March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. S. Devichitra, AP/ADS acted as a Resource Person for a guest lecture titled “Artificial Intelligence” at Thamirabharani Engineering College in March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. S. Mohanappriya, AP/ADS acted as a Resource Person in a guest lecture titled “UI and UX” at Thamirabharani Engineering College in March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. K. Muthulakshmi, AP/ADS acted as a Resource Person for a guest lecture titled “Computer Networks” at J.P. College of Arts and Science in March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. K. Muthulakshmi, AP/ADS acted as a Resource Person for a guest lecture titled “Computing Insights and Concepts” at Fatima Michael College of Engineering and Technology in March 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

ICNARI/Certificate/2026/198

"INTERNATIONAL CONFERENCE ON NEXT-GENERATION ADAPTIVE RESEARCH AND INNOVATIONS"

06th March 2026 – 8th March 2026

Certificate of Authorship

to

1. R.Vidya, Research Scholar, Velammal College of Engineering and Technology, Madurai, Tamil Nadu

2. Dr.S.Sasikala, Professor, Department of AI&DS, Velammal College of Engineering and Technology, Madurai, Tamil Nadu

3. S.Nithya, Assistant Professor, Department of AI&DS, Kamaraj College of Engineering and Technology, Virudhunagar, Tamil Nadu for Paper ID *738* and

Paper Title *Resource-Efficient Image Classification using Frozen ResNet-18 Features and Linear Support Vector Machines* in INTERNATIONAL CONFERENCE ON NEXT-GENERATION ADAPTIVE RESEARCH AND INNOVATIONS (ICNARI 2026), organized by Department of Electrical Engineering, National Institute of Technology Patna.

ज्ञानम् नवोन्मेषः प्रगतिः

Dr. Amitesh Kumar, Convener, ICNARI 2026

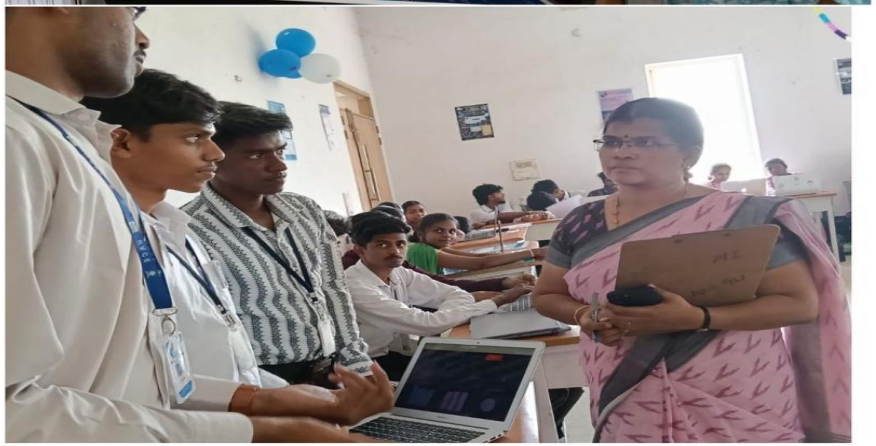
Dr. Vimlesh Verma, Head, EED, NIT Patna

Dr. Rajib Kumar Mandal, Chairman, ICNARI 2026

Prof. Ramesh Kumar, Dean (R&C) | Chairman, ICNARI 2026

Mrs.S.Nithya, AP-ADS along with their team presented the paper titled "Resource-Efficient Image Classification using Frozen ResNet-18 Features and Linear Support Vector Machines" in the International Conference on Next Generation Adaptive Research and Innovations organized by National Institute of Technology, Patna at March 2026

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026



Dr.R.Ramya, ASP-ADS acted as Jury in the project expo organized by Renganayagi Varatharaj College of Engineering, Sattur on 28.02.2026

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Omsakthi

Adhiparasakthi Engineering College

Melmaruvathur - 603319, Tamilnadu, India

Department of Electronics and Communication Engineering

Certificate of Appreciation

This is to certify that Dr. / Mr. / Ms.

Nithya S

Kamaraj College of Engineering and Technology & Virdhunagar Tamilnadu, India

*has participated as **Reviewer** and completed*

1 review

IEEE Madras Section

in the **12th International Conference on Communication and Signal Processing ICCSP 2026**

held from 20th to 22nd April 2026.

Dr. J. Raja
Principal

Mr. S. Prakash
HOD/ECE

Dr. P. Thirumaraiselvan
General Chair

Mrs. S. Nithya, AP/ADS acted as a Reviewer in the 12th International Conference on Communication and Signal Processing ICCSP 2026 held from 20th to 22nd April 2026 organized by Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. S. Nithya, AP/ADS acted as a Resource Person in the guest lecture organized by the Department of AI&DS, Hindusthan College of Technology, Salem.

The title of the seminar was “Data Visualization & Tableau with AI.” The event was held in April 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Centre for Engineering Education Excellence Program
(Equivalent to 2 weeks AICTE - ATAL FDP)
A joint initiative between
Infosys Foundation & Indian National Academy of Engineering and
Supported by
AICTE & IITs

Certificate of Participation

This is to certify that
Nithya S
of Kamaraj College of Engineering and Technology,Virdhunagar

has successfully completed the requirements of the CEEE Program as a Mentee at
Regional Centre- IIT Madras
from May 2025 to December 2025

in the domain
Computer Science and Information Technology (Including Data Science and AI/ML)

She has undergone training in hybrid mode covering ***2 weeks*** *in offline and* ***3 weeks*** *in online mode.*

Centre Coordinator, IIT Madras

National Coordinator, CEEE Program

Mrs.S.Nithya, AP-ADS has successfully completed the requirements of the CEEE program as a Mentee at Regional Centre –IIT Madras.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Mrs. K. Rajalakshmi, AP/ADS acted as a Resource Person in the 5-Day National Level Professional Development Program titled "Generative AI Tools for Academic Writing, Patents and Publications" organized by Social Science Researchers Association in May 2026.

FACULTIES SIGNIFICANT ACHIEVEMENTS 2025-2026

Dr.R.Ramya, ASP-ADS served as a Keynote Speaker at the Conference - ICALDE 26