



**St. JOSEPH'S COLLEGE OF ENGINEERING**

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**(AN AUTONOMOUS INSTITUTION)**  
OMR, CHENNAI - 119



# DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Powering Tomorrow's Insights

## MAY NEWSLETTER

2025



May 11, 2025

LEARNING  
is a  
CONTINUOUS  
LIFESTYLE

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**FOR ADMISSIONS VISIT:**  
<https://stjosephs.ac.in>  
<https://stjosephstechnology.ac.in>

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### ***Vision Statement:***

*To become an outstanding department that provides state of the art professional resources and empowers our students to transform into impactful global leaders in the field of Artificial Intelligence and Data science.*

### ***Mission Statements:***

#### ***Domain specific excellence***

*To equip our students with Engineering knowledge and domain specific skills to understand, analyze and develop AI based processes through cutting edge research and Innovations.*

#### ***Domain specific solutions***

*To excel our students in Computational principles and Data Science and derive actionable foresight and hindsight to solve real world problems in engineering and business, with high professional standards.*

#### ***Domain specific social impact***

*To promote sustained knowledge advancement in AI and Data Science and empower our students to solve complex societal challenges*

# Student Achievements

## Internship with Stipend

Our Department, Batch 2022 – 2025, **Pre-Final Year** Student, **Ms. Mahathisri J**, has secured a **paid internship @ Energy Alternatives India** with **stipend of INR 15,000** Per month for the duration of **Two Months**.

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

*Congratulations!*  
Internship with stipend at **EAI**  
Energy Alternatives India

**₹ 15,000 Per Month**

Batch 2022 - 2026

Duration 2 Months

*Mahathisri*

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**The Choice of Disciplined Toppers**

**HEARTY CONGRATULATIONS!!!**

# Student Achievements

## Internship with Stipend

Our Department, Batch 2022 – 2025, **Pre-Final Year** Student, **Ms. Dhivya Shree L**, has secured a **paid internship** @ **Vividobots** with **stipend** of **INR 6,000** Per month for the duration of **Two Months**.

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

*Congratulations!*

Internship with stipend at **VIVIDOBOTS**

**₹ 6,000 Per month**

**Batch**  
**2022 - 2026**

**Duration**  
**2 Months**

**Dhivya Shree L**

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**HEARTY CONGRATULATIONS!!!**

# Student Achievements

## Internship with Stipend

Our Department, Batch 2022 – 2025, **Pre-Final Year** Students, **Mr. Sujan P**, **Mr. Sathish G** and **Mr. Surendhan A**, have secured a **paid internship @ SYSGENPRO** with **stipend of INR 8,000** Per month for the duration of **Two Months**.

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

*Congratulations!*  
**Internship with stipend at**  
**₹ 8,000 Per month**  
SYSGENPRO  
EMPOWERING WITH TECHNOLOGY

Sujan P  
Sathish G  
Surendhan A

**BATCH**  
2022 - 2026

**DURATION**  
2 MONTHS

31  
\* Since 1994 \*

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**HEARTY CONGRATULATIONS!!!**

# Student Achievements

## Internship with Stipend

Our Department, Batch 2022 – 2025, **Pre- Final Year Student, Mr. Geoffrey Vincent** has successfully secured, a **three Month paid Internship** with **stipend of ₹10,000** per month at **VISAIYON**.

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

*Congratulations*

Internship with stipend @   
VISAIYON

₹ 10,000 Per month

Duration : 3 months

Geoffrey Vincent  
Batch : 2022 - 2026



31 Years of Excellence  
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# Student Achievements

## Internships

### HIGH ON SWIFT

[www.highonswift.com](http://www.highonswift.com)

Date: 22<sup>nd</sup> Apr 2025  
Place: Chennai

Ajaisrinivasan J.  
KNS Apartment, Peravurani,  
Thanjavur - 614804

#### Letter of Employment

Dear Ajaisrinivasan J.,  
Welcome to Highonswift!

Congratulations! We are delighted to offer you the position of "Software Developer Intern", and you will be required to work from the Highonswift office. Terms and conditions of our offer are attached here, please read these important details carefully, including your compensation and benefits

#### 1. Appointment:

a. Your appointment will be effective on your joining date, i.e., 23<sup>rd</sup> Apr 2025. Please contact us immediately if you require an alternative joining date. If you do not confirm your acceptance or we are unable to set an alternative date, this offer will be withdrawn.

#### 2. Compensation:

The total duration of your internship will be six (6) months. The compensation structure is as follows:

- **Unpaid Internship:** This is a free/unpaid internship for the full duration of six months. During this period, your performance, learning attitude, and contribution to the organization will be continuously monitored.
- **Performance-Based Stipend:** Upon successful completion of the internship, your overall performance will be evaluated based on criteria such as project involvement, adherence to deadlines, teamwork, initiative, and professionalism. Based on this evaluation, a one-time performance-based stipend may be awarded.
- **Stipend Review Process:** The final decision regarding the stipend (if applicable) will be communicated within 15 working days after the completion of the internship.
- **Payment Terms:** If a stipend is granted, it will be processed as a one-time payment after the internship ends, following approval from your reporting manager and submission of all required documentation

#### 3. Work Location:

Your location for employment is Chennai, India. You may be asked to relocate to any of our units, departments, or offices depending on business requirements. In such an event, your remuneration and other benefits shall be determined in accordance with the relevant Policies of the Company in that work location. Please be advised that you, by accepting this offer, hereby give your irrevocable consent to the above.

#2/2, Second floor, Sakthi Nagar, Thoraipakkam, Rajiv Gandhi Road (OMR), Chennai 600097  
[hr@highonswift.com](mailto:hr@highonswift.com) | 7402156906



### INTERNSHIP ACCEPTANCE LETTER

30-May-2025

#### To Whomsoever It May Concern

This is to certify that **Ms. Harshini M (Reg. No. 312322201056)** D/O. Mr. Manikandan M, a third-year B.E. student specializing in Artificial Intelligence and Data Science at St. Joseph's College of Engineering, Old Mahabalipuram Road, Chennai, has been offered an internship program with **BenHive Technologies Private Limited, Chennai.**

The internship will span a duration of **five weeks**, commencing on **26th May 2025** and concluding on **28th June 2025.**

We believe this internship will provide Ms. Harshini with valuable insights and hands-on experience relevant to her field of study. We are confident that she will find this opportunity both rewarding and enriching.

We appreciate her interest in BenHive Technologies Private Limited. For any further queries, please feel free to contact the undersigned.

Thanking You.

Sincerely,

For BenHive Technologies Pvt Ltd.,

Evan Alisha. G

Human Resources & Development

+91 98411-22989/ 73586-61579

Our Department students have secured **internships** in **prominent companies** such as

**Airport Authority of India,**

**High On Swift,**

**BenHive Technologies,**

**Vividobots,**

**Prodigy Infotech etc.**

# Department Excellence

## Industry Institution Interaction

Our department Faculties, **Dr.kotteeswaran R**, Associate Professor, **Mr. Durairaji V**, Assistant Professor and **Ms. Jayasri R**, Assistant Professor have visited **Vividobots** @ Vanagaram-Ambattur Main road, Kilayanambakkam, Chennai - 600095 and interacted with **Dhinesh Babu, CEO & FOUNDER** and his team as the part of **Industry Institution Interaction**.

**Vividobots** are **specialized in Industrial automation and Medical Technology**.



### DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

#### Insightful Industry visit to VIVIDOBOTS Private Limited



Our faculty members **Ms. Jayasri R**, **Dr. Kotteeswaran R** & **Mr. Durai** visited **Vividobots Private Limited**.

They interacted with the core team, including **Mr. Dhinesh Babu (CEO & Founder)** and **Mr. Kesavaraj S (Chief Technology Officer)**, gaining valuable insights into the company's automation-driven innovations and industrial problem-solving strategies.



VIVIDOBOTS Pvt.Ltd

MR. DHINESH BABU  
CEO & Founder

MR. KESAVARAJ S  
Chief Technology Officer

Corporate address : No.50, Vanagaram-Ambattur Main road, Kilayanambakkam, Chennai - 600095



# *Department Excellence*

## *VIT – Chennai - Visit*

*Mrs. Lathaselvi G, Dean – School of Computing, Dr. Sherly Puspha Annabel L, Professor and Head, and Ms. Nithya M, AP, have visited VIT, Chennai and met Dr. S.Geetha, Associate Dean, School of Computer Science Engineering (SCOPE). During their visit, they had the opportunity to visit various Computer Science and Engineering laboratories in VIT.*

- *Advanced Drone Automation and Precision Technology Lab*
- *Machine Intelligence for Deep Artificial Minds Lab (GPU & AI Lab)*
- *Robotics Modeling, Simulation and Programming Lab*
- *Strategic Machine Automation and Robotic Technology Solutions Lab*
- *Data Analytics Lab*



# Department Excellence

VIT – Chennai - Visit



# Department Excellence

## IIIT – DM – Chennai - Visit

**Mrs. Lathaselvi G**, Dean – School of Computing, **Dr. Sherly Puspha Annabel L**, Professor and Head, **Dr. Tamizhselvi**, IT, and **Dr. Ramya R**, ADS visited **IIIT-DM**, Chennai and met **Dr. Umarani**, Associate Professor, CSE. During our visit, she helped us visiting various Computer Science and Engineering and **AI laboratories**.

1. **A Deep Learning server** equipped with multiple high-performance GPUs.
2. **AI Lab with GPU clusters** and AI Development Frameworks
3. **AIoT lab with TinyML**
4. First year Lab where thin client or light weight computers are attached to a **central server**
5. A **Moodle server** hosting the Moodle Learning Management System (LMS) with a recording studio.



# Department Excellence

IIIT – DM – Chennai - Visit



# Staff Achievements

Our Department Head and Professor, **Dr. Sherly Puspha Annabel L**, featured as a keynote speaker at the **International Webinar** on "**Digital Transformation in Global Markets: Opportunities and Challenges**", **Organized** by **University of Science & Computer Technology (STROM)** collaboration with the **St. Joseph's College of Engineering (India)**, **International Scientific & Technology University (Ukraine)**, **SUE STEKOM**, **Industrial and Vocational Community Association (PERKIVI)**, **Indonesian Smart Teacherpreneur Association (PTIC)**, and **TopLoker.com**.



# Staff Achievements

Our Department faculty, **Dr. Kotteeswaran R**, Associate Professor, has successfully published, a **SCOPUS-indexed Book Chapter** titled, **“Leveraging AI to Promote Sustainable Energy Distribution”**.

## Chapter 2 Leveraging AI to Promote Sustainable Energy Distribution


**Raja R. Vinston**

*SRM Institute of Science and  
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**K. Fouzia Sulthana**  
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**Subha Priyadharshini A**  
*Coimbatore Institute of Engineering  
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**R. Kotteeswaran**

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**G. Manikandan**  
*RMK Engineering College RSM Nagar,  
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 <https://orcid.org/0009-0006-3095-7024>  
**Joel M. Robinson**  
*KCG College of Technology, India*

### ABSTRACT

*The demand for sustainable energy solutions is more important than ever as the globe struggles to address the twin issues of accelerated climate change and depleting conventional energy sources. In order to provide a stable, sustainable future for future generations, the search for greener, more efficient energy systems is not just about innovation but also about survival. The increasing significance of data science and artificial intelligence (AI) provides a path toward change and a ray of hope in this dire situation. “Leveraging AI to Promote Sustainable Energy Distribution,” the chapter's title, delves into the revolutionary potential of artificial intelligence (AI) and data science to transform the global energy distribution and management landscape. This chapter seeks to shed light on the various ways that artificial intelligence (AI) might support the creation of sustainable energy infrastructures by*

DOI: 10.4018/979-8-3373-2530-9.ch002

# Staff Achievements

Our Department faculty, **Dr. kotteeswaran R**, Associate Professor, has successfully **published**, a **research article** titled, “**Multichannel FPGA-Based System for Data Acquisition and Monitoring with Network Control**”, in **Journal of Information Systems Engineering and Management** and the paper has been **indexed in SCOPUS**.

Journal of Information Systems Engineering and Management

2025, 10(48s)

e-ISSN: 2468-4376

<https://www.jisem-journal.com/>

Research Article

## Multichannel FPGA-Based System for Data Acquisition and Monitoring with Network Control

J. Horeb Stanish Josh<sup>1</sup>, T. Thomas Leonid<sup>2</sup>, Dr. M. S. Maharajan<sup>3</sup>, K. Nandini<sup>4</sup>, Kotteeswaran Rangasamy<sup>5</sup>, B. V. Sai Thrinath<sup>6</sup>

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<sup>6</sup>Assistant Professor, Department of Electrical and Electronics Engineering, School of Engineering, Mohan Babu University, Tirupati, Andhra Pradesh, India  
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### ARTICLE INFO

### ABSTRACT

Received: 18 Dec 2024

Revised: 10 Feb 2025

Accepted: 28 Feb 2025

Traditional data collection systems based on microcontrollers have a hard time swiftly data acquiring and storing massive volumes of data. With their high clock rates, short delays, quick speeds, and abundance of RAM, field-programmable gate arrays (FPGAs) make sophisticated peripheral circuit control straightforward. This paper presents a method for remotely monitoring server rooms using FPGAs and multimedia. A/D converter modules, environmental sensors, electrical energy, carbon monoxide, smoke, and an FPGA serve as the main controllers in the proposed system, which tracks server room locations. The FPGA also uses the serial interface to send data from all of the sensors to the LCD screen. When there are changes in the environment, alarms go off. Using butterfly operations and the rapid Fourier transform method; the system determines AC voltage and current and uses temperature changes to identify server room equipment issues. Functionality, usability, and reliability testing is conducted on the system. The fact that all performance measurements meet the basic design criteria demonstrates that FPGA technology may be used for monitoring. The superior processing speed and performance of FPGAs are shown when compared to conventional microcontroller systems.

**Keywords:** Microcontrollers, Data Acquiring, Field-Programmable Gate Arrays, Electrical Energy, Carbon Monoxide, AC Voltage.

# Staff Achievements

Our Department faculty, **Dr. kotteeswaran R**, Associate Professor, has successfully published, a **patent** titled, **“AI Powered Digitization of Tamil Handwritten Documents Using Fine-Tuned Transformer-Based OCR”**.

**Application No.202541043108 A**

**Publication Date: 30/05/2025**

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202541043108 A
(19) INDIA	
(22) Date of filing of Application :04/05/2025	(43) Publication Date : 30/05/2025
(54) Title of the invention : AI Powered Digitization of Tamil Handwritten Documents Using Fine-Tuned Transformer-Based OCR	
(51) International classification :G06V0030100000, G06N0003045000, G06N0003080000, G06V0010440000, G06N0003045500	(71)Name of Applicant : 1)Dr. Kotteeswaran R Address of Applicant :DEPARTMENT OF EIE, St. JOSEPH'S COLLEGE OF ENGINEERING, OMR, CHENNAI - 119 CHENNAI ----- Name of Applicant : NA Address of Applicant : NA
(86) International Application No Filing Date :NA	(72)Name of Inventor : 1)Dr. Kotteeswaran R Address of Applicant :DEPARTMENT OF EIE, St. JOSEPH'S COLLEGE OF ENGINEERING, OMR, CHENNAI - 119 CHENNAI ----- 2)Ashwin B Address of Applicant :DEPARTMENT OF EIE, St. JOSEPH'S COLLEGE OF ENGINEERING, OMR, CHENNAI - 119 Chennai -----
(87) International Publication No Filing Date :NA	3)Karthick raja B Address of Applicant :DEPARTMENT OF EIE, St. JOSEPH'S COLLEGE OF ENGINEERING, OMR, CHENNAI - 119 Chennai -----
(61) Patent of Addition to Application Number Filing Date :NA	4)Srivathsan M K Address of Applicant :DEPARTMENT OF EIE, St. JOSEPH'S COLLEGE OF ENGINEERING, OMR, CHENNAI - 119 Chennai -----
(62) Divisional to Application Number Filing Date :NA	
(57) Abstract : Abstract: This invention presents an AI-driven Optical Character Recognition (OCR) system specifically fine-tuned for the Tamil language, addressing the long-standing challenges posed by the complex morphology, agglutinative structure, and visual similarity of Tamil scripts. Using Microsoft's Transformer-based OCR model (TiOCR) as the foundation, a Vision Transformer (ViT) encoder and a pretrained autoregressive language decoder were adapted to recognize printed Tamil texts. A specialized dataset containing over 20,000 Tamil image-text pairs was curated and preprocessed with noise removal, binarization, resizing, and normalization techniques to optimize model training. Fine-tuning was performed using transfer learning strategies, significantly enhancing recognition accuracy. The developed system achieved a Character Error Rate (CER) of 3.2% and demonstrated superior performance compared to traditional OCR engines such as Tesseract and Google Vision. Furthermore, a lightweight real-time deployment was achieved using a Streamlit web application. This invention enables the digitization, preservation, and intelligent analysis of Tamil documents, promoting cultural heritage conservation and broader accessibility through technological innovation.	
No. of Pages : 6 No. of Claims : 1	

# Staff Achievements

Our Department faculty, **Ms. Ananthi S**, Assistant Professor, has successfully published, a paper titled, “**Experimental Evaluation of Cross-Platform Recognition of Identical and Unknown Users over Social Networking Environment**”, in **IEEE Xplore** through **2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)** and the paper has been **Indexed in SCOPUS**.

## Experimental Evaluation of Cross-Platform Recognition of Identical and Unknown Users over Social Networking Environment

Publisher: IEEE

[Cite This](#)



Kancharla Nagababu ; S. Ananthi ; Neeraj Sunheriya ; Venkata Siva Prasad Ch ; J. Jayanthi ; Hamed Fawareh [All Authors](#)

25

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### Abstract

Document Sections

I. Introduction

II. Related Study

III. Methodology

IV. Results and Discussions

V. Conclusion

Authors

Figures

References

Keywords

Metrics

### Abstract:

The capacity to individually identify and categorize people across sites and apps is vital for trustworthiness, fraud prevention, and personalized experiences in online social networking. In this study, strategies for platform identification among similar and unknown social networking users are evaluated. We study strategies that employ user attributes, behavior history, and inter-network connections to match profiles on multiple platforms and uncover new, previously connected people. This cross-validation on the proposed method uses Social Linkage Identification Strategy (SLIS) and Friend Relationship Evaluator. According to quantitative experiment results, our approach improves search people across multiple social networks more than FRE. The extensive social connection web in many online social networks is used to enhance user identification and verification via the Friend Relationship Evaluator (FRE) system. Our process uses advanced machine learning and data fusion to handle a wide variety of natural ventilation phenomena from different sensors and platform formats. We evaluate attribute-based matching, graph approaches, and behavior analytics for accuracy, scalability, and computing cost. This study advances user identification systems across digital platforms and helps service providers and end-users establish more sophisticated online identity management strategies.

**Published in:** 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)

**Date of Conference:** 12-13 December 2024

**DOI:** 10.1109/ICSES63760.2024.10910542

**Date Added to IEEE Xplore:** 12 March 2025

**Publisher:** IEEE

► **ISBN Information:**

**Conference Location:** Chennai, India

# Staff Achievements

Our Department faculty, **Mr. Senthil Kumar D**, Assistant Professor has published a research article titled, **“Next-Gen Mental Health Detection through Deep Learning and NLP in Social Media”** in, **“First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC)”** and the paper has been **indexed in SCOPUS**.

## Next-Gen Mental Health Detection through Deep Learning and NLP in Social Media

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

Jagan. A ; Senthil Kumar D ; S. Karunakaran ; Nageswari D ; Regina Shoba Dass ; J. Seetha [All Authors](#)

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<b>Abstract</b>	<b>Abstract:</b>
Document Sections	Social media proliferation promotes new modalities of understanding and intervening in mental health. This paper presents a new approach to mental health detection using some deep learning and natural language processing techniques over social media data. Enriched by extensive textual content shared across social media platforms such as Twitter, Reddit, and Facebook, we propose to design an automated system that can detect traces of mental health conditions like depression, anxiety, and stress. In line with the proposed methodology, Bi-LSTM networks and attention mechanisms shall be applied to exploit linguistic patterns and semantic features from user posts. Such techniques involve the integration of sentiment analysis and topic modelling, which increase the accuracy and contextual comprehension of detected signals. Either way, the system is trained against a curated dataset of annotated social media posts validated further against clinical assessments for strength and reliability, with quite promising preliminary results—Rubin et al.'s model achieves high precision and recall in mental health indicator detection. The results reinforce that AI-driven tools have an assay of potential in rendering early detection and intervention support, especially for mental illness, which has contributed to improved mental health outcomes globally.
I. Introduction	
II. METHODS AND MATERIALS	
III. RESULT AND DISCUSSION	
IV. Conclusion	
Authors	
Figures	<b>Published in:</b> 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC)
References	
Keywords	<b>Date of Conference:</b> 24-25 October 2024 <b>DOI:</b> 10.1109/ICICEC62498.2024.10808285
Metrics	<b>Date Added to IEEE Xplore:</b> 30 December 2024 <b>Publisher:</b> IEEE
	<b>► ISBN Information:</b> <b>Conference Location:</b> Davangere, India

# Staff Achievements

Our Department faculty, **Dr. Baghia Laxmi R**, Assistant Professor, has successfully published a **Patent**, titled “**Machine Learning: Based approaches for Curriculum Design, Pedagogy and Learning Outcomes in Education**”.

**Application Number: 20254103552 A**

**Publication Date: 02/05/2025**

(12) PATENT APPLICATION PUBLICATION	(21) Application No.20254103552 A
(19) INDIA	
(22) Date of filing of Application :05/04/2025	(43) Publication Date : 02/05/2025
(54) Title of the invention : MACHINE LEARNING-BASED APPROACHES FOR CURRICULUM DESIGN, PEDAGOGY, AND LEARNING OUTCOMES IN EDUCATION	
(51) International classification :G06Q 50/10, G06Q 50/20, G06N 2000	(71)Name of Applicant : <b>Dr. A. Rushi Kesava</b> Address of Applicant :Associate Professor, Department of Mathematics, Marri Laxman Reddy Institute of Technology and Management, Hyderabad-500043 Hyderabad -----
(86) International Application No :NA	----- <b>2Anuradha Parasar</b> <b>3Malleti Sreedhar</b> <b>4Dr. Jai Prakash</b> <b>5Prof. Dr. K. Naresh Babu</b> <b>6A. Sumaiya Shaheedha</b> <b>7Sumit Kumar</b> <b>8Kandasamy Selamuthu</b> <b>9Abhishek Kumar Verma</b> <b>10Dr. R. Baghia Laxmi</b> <b>11Saminathan C</b> <b>12Dr T Ravichandran</b>
Filing Date :NA	Name of Applicant : NA
(87) International Publication No :NA	Address of Applicant : NA
(61) Patent of Addition to Application Number :NA	(72)Name of Inventor :
Filing Date :NA	<b>1Dr. A. Rushi Kesava</b> Address of Applicant :Associate Professor, Department of Mathematics, Marri Laxman Reddy Institute of Technology and Management, Hyderabad-500043 Hyderabad -----
(62) Divisional to Application Number :NA	<b>2Anuradha Parasar</b> Address of Applicant :School of Liberal Education, Galgotias University, Greater Noida, Uttar Pradesh, India. Greater Noida -----
Filing Date :NA	<b>3Malleti Sreedhar</b> Address of Applicant :Professor (EEE), Vallurupalli Nageswararao Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O.), Hyderabad, Telangana - 500090 Hyderabad -----
	<b>4Dr. Jai Prakash</b> Address of Applicant :Educator, Keystone College, Surrey, British Columbia -----
	----- <b>5Prof. Dr. K. Naresh Babu</b> Address of Applicant :Dean cum Principal, Sree Abirami College of Occupational Therapy, Coimbatore, Tamil Nadu -641021 Coimbatore -----
	<b>6A. Sumaiya Shaheedha</b> Address of Applicant :Assistant Professor, Department of English, Jamal Mohamed College, Trichy 620020 Trichy -----
	<b>7Sumit Kumar</b> Address of Applicant :Asst Professor, TMIMT(College of Management), Teerthanker Mahaveer University, Moradabad Moradabad -----
	<b>8Kandasamy Selamuthu</b> Address of Applicant :Assistant Professor / Department of Computer Science and Engineering, KPR Institute of Engineering and Technology, Coimbatore - 641 407 Coimbatore -----
	<b>9Abhishek Kumar Verma</b> Address of Applicant :Department of Law School of Legal Studies Central University of Punjab Bathinda Punjab Bathinda -----
	<b>10Dr. R. Baghia Laxmi</b> Address of Applicant :Assistant Professor / Artificial Intelligence and Data Science, St. Joseph's College of Engineering (An autonomous institution),OMR, Chennai - 119, tamilnadu, Chennai -----
	<b>11Saminathan C</b> Address of Applicant :Assistant Professor Department of Mathematics SNS College of Technology Coimbatore -641016 Coimbatore -----
	<b>12Dr T Ravichandran</b> Address of Applicant :Professor, Department of Artificial intelligence and data science, Akshaya college of engineering and technology, kenathukadavu, Coimbatore Coimbatore -----

# Staff Achievements

Our Department faculty, **Ms. Siva Shankari B**, Assistant Professor, has served as a **distinguished Jury Member** at the **SAP HACKFEST 2025**, hosted by **Chennai Institute of Technology**, Chennai.

*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119

St. JOSEPH'S GROUP OF INSTITUTIONS  
**31**  
Years of Excellence  
\* Since 1994 \*

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

We are happy to announce that

**Ms. Siva Shankari B**  
DEPT OF ADS

Represented our institution as a  
jury member at the  
**SAP HACKFEST 2025**  
hosted by  
**Chennai Institute of Technology**  
on  
**27/05/2025**

**St. JOSEPH'S**  
GROUP OF INSTITUTIONS  
OMR, CHENNAI - 119

The Choice of  
**Disciplined Toppers**

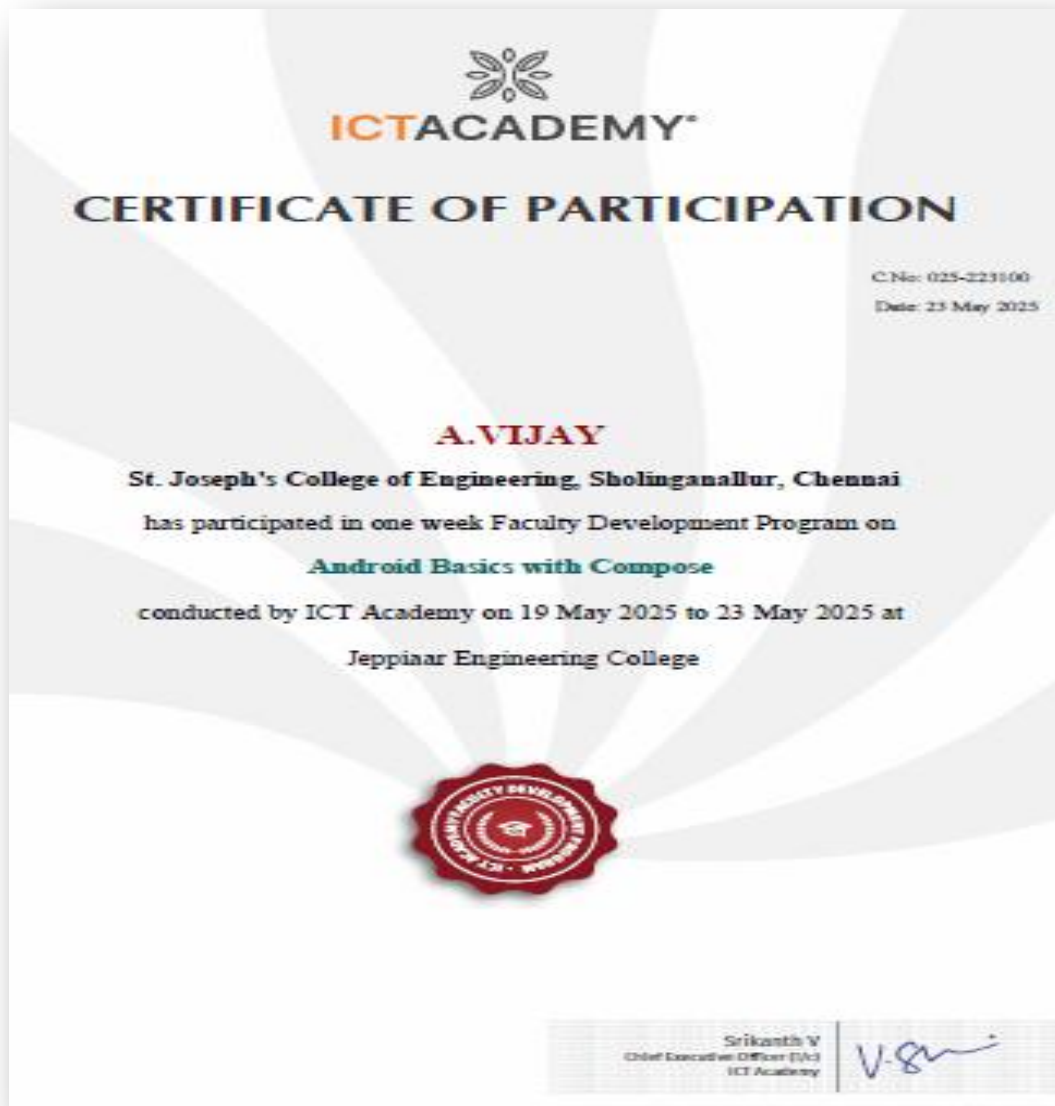
# Staff Achievements

Our Department Head and Professor, **Dr. Sherly Puspha Annabel L**, has successfully completed **Two Weeks Industrial Training** on “**Generative AI & Prompt Engineering**”, organized by **EduxLabs** in association with **Mechanica IIT Madras**.



# Staff Achievements

Our Department faculty, **Mr. Vijay A**, Assistant Professor, has successfully completed **One Week Faculty Development Program** on “**Android Basics with Compose**”, conducted by **ICT Academy** on 19<sup>th</sup> May 2025 to 23<sup>rd</sup> May 2025 at **Jeppiaar Engineering College**, Chennai.

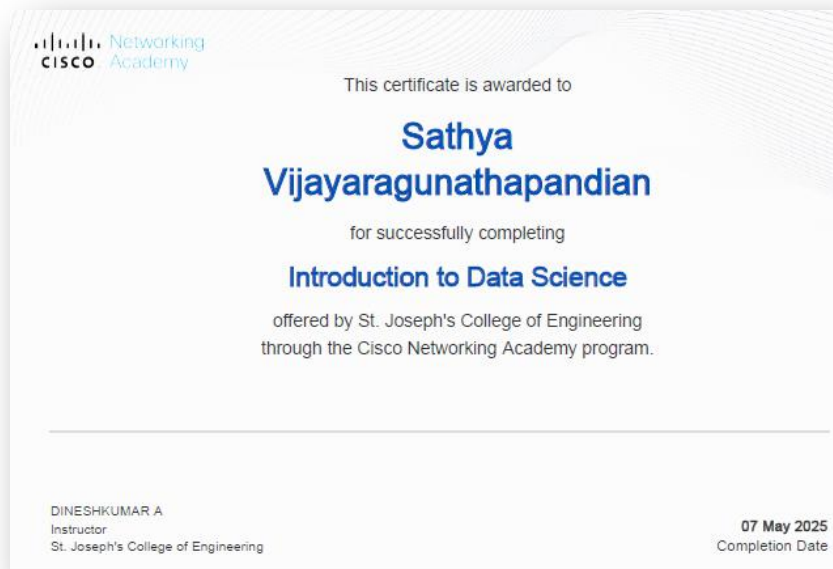


# Staff Achievements

Our Department faculty, **Ms. Kaviarasi J**, Assistant Professor, has successfully completed **Online Certification on Python Essentials 1 and Introduction to Modern AI** offered by Networking Academy through the **CISCO Networking Academy Program**



Our Department faculty, **Ms. Sathya V**, Assistant Professor, has successfully completed **Online Certification on Introduction to Data Science** offered by Networking Academy through the **CISCO Networking Academy Program**



# *Staff Achievements*

*Our Department faculty, **Ms. Nithya M**, Assistant Professor, has successfully completed **Online Certification on Introduction to Modern AI** offered by Networking Academy through the **CISCO Networking Academy Program***



# Staff Achievements

## NPTEL Online Certifications

**Dr. Sherly Puspha Annabel L**, has successfully completed her NPTEL Elite Online Certification in *Business Intelligence & Analytics*.

**Mr. Durairaji V**, has successfully completed his NPTEL Elite Online Certification in *Programming In Java*.

**Ms. Kaviarasi J**, has successfully completed her NPTEL Online Certification in *Data Analytics with Python*

**Ms. Sathya V**, has successfully completed her NPTEL Online Certification in *Data Analytics with Python*

**Elite NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DR. L. SHERLY PUSPHA ANNABEL**  
for successfully completing the course  
**Business Intelligence & Analytics**

with a consolidated score of **69 %**

Online Assignments	23.69/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: **2631**

Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Madras

Roll No: NPTEL25CS098643208351 To verify the certificate

No. of credits recommended: 3 or 4

**Elite NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DURAIRAJI V**  
for successfully completing the course  
**Programming In Java**

with a consolidated score of **67 %**

Online Assignments	25/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **16040**

Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KAVIARASI J**  
for successfully completing the course  
**Data Analytics with Python**

with a consolidated score of **54 %**

Online Assignments	23.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **10022**

Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

## STAFF EDITORIAL

**Mr. Senthil Kumar D, M.E (Ph.D).**

**Mr. Sathishkumar R, M.Tech (Ph.D).**

## *About Our College*



- ✓ *St. Joseph's College of Engineering has maintained an unparalleled reputation for the past three decades, offering 11 undergraduate programs and 3 postgraduate programs.*
- ✓ *Our college has consistently been ranked by the National Institutional Ranking Framework (NIRF) since 2017, achieving a position in the 201-300 band in NIRF 2024.*
- ✓ *Our College is accredited with an A+ grade, securing a score of 3.46 on a scale of 4.00 from the National Assessment and Accreditation Council (NAAC) since 2019.*
- ✓ *Our institution has secured 2nd Rank in the Performers band of NSIIR 2023 (National Sustainability Impact Institutions Ranking) organized by NITI Aayog & ATAL Innovation Mission for our initiatives supporting the United Nations' Sustainable Development Goals.*
- ✓ *Our college won AICTE-ECI Chatra Vishwakarma Award as the Best Institute at the national level.*
- ✓ *In 2020, our college secured 1st position in the 'Utkrisht Sansthan Vishwakarma Award' by AICTE.*

- ✓ *We received AICTE-Lilavathy awards in 2021 and 2022: Winner in Women Security in 2022 and Runner-up in Hygiene and Sanitation in 2021, and Women Empowerment in 2022.*
- ✓ *Our college has been selected for the national-level 'Unnat Bharat Abhiyan Programme' by the Ministry of Human Resource Development (MHRD), Government of India, and for the 'Skill and Personality Development Programme Centre (SPDP) for SC/ST by AICTE.*
- ✓ *Received 'AA' rating based on performance in NPTEL Online Certification courses, an initiative of the Government of India.*
- ✓ *Recognized as the 'Best Exam Preparatory Centre' for conducting the Lingua Skill certification by Cambridge ESOL for the past eight years in India, we stand among the 25 best preparatory centers in South Asia.*
- ✓ *Received the Institutional Excellence Award 2024, from the Institute of Engineers (India).*
- ✓ *We have been awarded the "National Employability Award" annually since 2017 by Aspiring Minds and is recognized as India's Best Engineering Institute 2023 with a AAAA rating by Careers 360.*
- ✓ *Our students have secured a remarkable total of 1,541 ranks, including 57 Gold medals and 55 Silver medals. The college is in 1st place in terms of the highest number of Anna University ranks three times (2010, 2019, and 2021).*
- ✓ *The college is recognized as 'Institute Level Research Centre' by Anna University, enabling research scholars to pursue Ph.D. and MS by research.*
- ✓ *We have established a 'Centre for Excellence' in collaboration with Honeywell and Salesforce Technology to offer training programs in UI Path Robotic Process Automation and Salesforce Fundamentals Virtual Learning, respectively. We have developed a "Big Data Lab" with support from Cognizant Technology Solutions and have been conferred the title of "Trusted Academic Partner" by WIPRO.*
- ✓ *Our students have achieved recognition in national and international sports events, including the Commonwealth, Asian and Olympic Games.*