



# St. JOSEPH'S COLLEGE OF ENGINEERING

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OMR, CHENNAI - 119



## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Powering Tomorrow's Insights



### MARCH NEWSLETTER

# 2025



DREAM BIG,  
WORK HARD,  
MAKE IT  
happen.

LEARNING  
is a  
CONTINUOUS  
LIFESTYLE



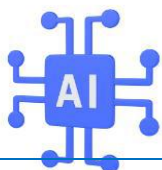
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every  
moment.

FOR ADMISSIONS VISIT:

<https://stjosephs.ac.in>

<https://stjosephstechnology.ac.in>

CONTACT +91 99401 04881 / +91 99401 04882





### ***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

## Placed in Zoom Rx

Our Department, Batch 2021 – 2024, **Final Year Student, Mr. Sri Sathvig K**, has been placed in **ZoomRx** with **CTC: 7.2 Lakhs Per Annum**.

**Role: Associate Community**

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*Congratulations*

to  
Our Student Placed in

**ZoomRx**

**CTC : 7.2 LPA**  
Role : Associate – Community

**Sri Sathvig K**  
Batch: 2021 - 2025

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**HEARTY CONGRATULATIONS!!!**

# Student Achievements

The **Third Year students**, from the Department of Artificial Intelligence and Data Science have received a **Financial Grant of Rs.10,000** at the **Daksh'25 AI Hackathon**. This esteemed event was organized by **SASTRA**, A Deemed University at Thanjavur from March 7th to 9th, 2025.

The team's innovative project, titled "**Kavach: A Police Assistance and Citizen Safety Model**", stood out among 500 registered teams. After a rigorous selection process, our team was among the top 50 shortlisted teams for the final hackathon. The hackathon was conducted continuously for three days (**72 hours**) at their campus.



**HEARTY CONGRATULATIONS TEAM!!!**

# Student Achievements

## GATE QUALIFIERS

Our Department **Final Year Students, Ms. Snekha S and Mr. Vishal G B, have cleared the GATE Exam with flying Colors.**

**Ms. Snekha S, GATE Score: 34.33, Percentile: 91.78**



**Mr. Vishal G B, GATE Score: 31.42, Percentile: 89.31**

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&  
DATA SCIENCE**

*Congratulations*

**GATE 2025 QUALIFIED STUDENTS**

	
<b>SNEKHA S</b>	<b>VISHAL G B</b>
Gate Score : 34.33	Gate Score : 31.42
Percentile: 91.78	Percentile: 89.31

**BATCH : 2021 - 2025**

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**HEARTY CONGRATULATIONS!!!**

# Student Achievements

## Paper Presentation - ICFTS 2025 International Conference.

Our Department **Third Year students, Mr. Santhosh M, Mr. Surendhan A and Mr. Sukin Raj M** along with Mr. Arisuthan C from the Department of Information Technology have presented their **Research Work**, titled "**EM-DRNet: Efficient-Mamba Vision Model for Early Detection and Classification of Diabetic Retinopathy**" at the **ICFTS 2025 International Conference**.

Huge congratulations to Santhosh M (ADS), Surendhan A(ADS), Sukin Raj M (ADS) and Arisuthan C (IT) on showcasing their innovative work in front of an esteemed panel at the IEEE International Conference, March 28, 2025!

Kudos to the team for their outstanding research and contribution to the field of diabetic retinopathy detection!



**HEARTY CONGRATULATIONS TEAM!!!**

# *Student Achievements*

## *Best Paper Award*

*Our Department, Final Year Student, Ms. Jenina Angelin D, has won the Best Paper Award in 5th International Conference on Advances in Management and Technology*



***HEARTY CONGRATULATIONS!!!***

# *Student Achievements*

## *Github Sponsored Hackathon - Winners*

A Team of Students from the Department of **Artificial Intelligence and Data Science** and **MBA (Integrated)** have won **First prize** with **Cash Prize** of **Rs.10,000** in **Github Sponsored Hackathon, Ossome Hacks 2.0** conducted by **SRM IST, Kattankulathur, Chennai**

**Team Name:** *Billiance*

**Team Members:**

1. *Ms. Nandhika.A II ADS*
2. *Mr. Lokesh.K, II ADS*
3. *Mr. Vaigunda Mani, II MBA(Integrated)*
4. *Mr. Jude Allen. A, III ADS*

**Title:** *Automated Shoplifting Detection, Domain: AI & ML*

**Position & Cash Award:** *First Prize, Rs. 10,000/- and a gift coupon worth 1080 dollars.*



***HEARTY CONGRATULATIONS TEAM!!!***

# Student Achievements

*Our Department, Final Year Student, Ms. Jeevitha M, has been honored for her Unmatched Expertise in AWS Community Builders, Amazon Web Service.*

*The AWS Community Builders program is a global initiative by Amazon Web Services (AWS) that recognizes and supports individuals who are passionate about cloud computing and the AWS ecosystem. The program is designed for community leaders who actively share their knowledge and expertise, helping others learn about AWS services, best practices, and cloud technologies.*

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"CELEBRATING OUR STUDENT:  
HONOURED FOR HER UNMATCHED EXPERTISE,  
RESERVED FOR INDUSTRY LEADERS!"

**AWS**  
community  
builders

AI Engineering Category

**Ms. JEEVITHA M**  
BATCH : 2021-25, DEPT OF ADS  
PEP - CLOUD COMPUTING & DEVOPS CENTRE

Cloud Clubs  
Certified instructor

aws amazon

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www.stjosephs.ac.in

*It's a testament to Jeevitha's commitment to fostering learning, innovation, and collaboration within the cloud community.*

# *Student Achievements*

## *Best Outgoing Student*



*Ms. Sneha S, the final-year student, was recognized as the Best Outgoing Student for her outstanding academic performance, leadership qualities, and contributions to the institution. Throughout her academic journey, Ms. Sneha S, demonstrated exceptional dedication and commitment to her studies, consistently achieving top grades.*

*In addition to her academic excellence, she actively participated in extracurricular activities, showcasing her versatility and involvement in the campus community.*

*Ms. Sneha S, also exhibited strong leadership skills, often taking on roles that involved guiding and mentoring her peers.*


*Her positive attitude, discipline, and ability to balance academics with other activities made her a role model for her fellow students.*

*Her remarkable achievements and well-rounded personality earned her the title of Best Outgoing Student, marking a successful culmination of her time at the institution.*

# Department Excellence

## Employment Enhancement Course

The **Employment Enhancement Course** was successfully conducted for **Third Year students**, from the Department of Artificial Intelligence and Data Science, with a total of **197 participants**. The Training was delivered by Industry experts from C-DAC, including **Mr. E. Mahendran, Scientist - E** along with **Mr. Naushad Khan, Project Engineer** and **Mr. Siva S, Project Engineer**, serving as Subject Matter Experts. Their expertise and industry insights provided students with a comprehensive understanding of Software defined Network (SDN) and related technologies, preparing them for real-world applications.



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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE &  
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**EMPLOYABILITY ENHANCEMENT COURSE**

SD0105 - Network Virtualization






**Mr.Naushad Khan**  
Project Engineer - CDAC  
**Mr.S.Siva**  
Project Engineer - CDAC

**EVENT OUTCOMES**



- Students gained a clear understanding about the basics of networking and network communication models.
- Students understood the need for Software-Defined Networking (SDN).
- Students gained a solid understanding of Virtual Private Cloud (VPC) concepts.
- Students learned the programming languages and functions used for SDN development.

*3rd yr ADS*

20-03-2025,  
24-03-2025 to 28-03-2025



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# Department Excellence

## Guest Lecture on "Generative AI"

The Department of Artificial Intelligence and Data Science successfully conducted a **guest lecture on "GENERATIVE AI" for Third-year students**. The session took place on 17/03/2025 in Conference Hall and was delivered by **Mr. Praveen Pandiyan, CEO & Lead Engineer** and **Mr. Ritik Kumar, AI Engineer** from **Evolve Robot Lab, Chennai**.




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*Glimpses*  
**GUEST LECTURE ON "GENERATIVE AI"**



Galaxy S24 FE




Galaxy S24 FE

**Mr. Praveen Pandiyan**  
CEO & Lead Engineer  
**Mr. Ritik Kumar**  
AI engineer at Evolve Robot Lab,  
Chennai.



**EVENT OUTCOMES**

- Gained knowledge about GEN AI.
- Students understand about the various GEN AI models
- Discussed about the applications and use cases.
- Learned about the career paths and required skill set in the field of GEN AI.

*3rd yr ADS*  
17-03-2025



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# Department Excellence

## Workshop on Cloud Computing

The Department of Artificial Intelligence and Data Science successfully conducted a **workshop** on "**CLOUD COMPUTING**" for **Second-year** students. The session took place on 22/03/2025 in Conference Hall and was delivered by Mr. Naushad Khan, Project Engineer and Mr. Siva Kumar, Project Engineer from CDAC, Chennai.





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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

*Glimpses*

**WORKSHOP ON CLOUD COMPUTING**






**Mr.Naushad Khan**  
Project Engineer - CDAC  
**Mr.S.Siva**  
Project Engineer - CDAC



**EVENT OUTCOMES**

- Students grasp core concepts of cloud computing, such as cloud architecture, virtualization, and deployment models.
- Students explore career pathways in cloud computing, including roles like cloud architect, developer, and engineer.
- Attendees become familiar with the role of cloud computing in emerging technologies like AI, IoT, and big data.

*2nd yr ADS*  
22-03-2025



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# *Department Excellence*

## *BOT MEETS WORLD, an Idea Presentation.*

*The Department of Artificial Intelligence and Data Science, in association with IEEE SMC Society, Student Branch , SJCE, successfully conducted the BOT MEETS WORLD, an Idea Presentation. Students from various years showcased innovative ideas, demonstrating creativity and technical skills.*

*The event was graced by Principal Dr. Vaddi Seshagiri Rao, who interacted with the participants, appreciated their efforts, and complimented a few students for their active interaction.*

### **WINNING TEAMS:**

#### ***1st Place:***

*Creep Access (3<sup>rd</sup> - Year)*

*Mr. Divit P,*

*Mr. Arjun Adhithya RR,*

*Mr. Hemanth Reddy AR.*

#### ***2nd Place:***

*LITE READ (2<sup>nd</sup> - Year)*

*Ms. Reshma S,*

*Ms. Sharuka S,*

*Ms. Prijitha P.*

#### ***3rd Place:***

*Team Crusades (1<sup>st</sup> - Year)*

*Ms. Mrithula J,*

*Ms. Padma Priya R,*

*Mr. Raju V.*

# ***BOT MEETS WORLD, an Idea Presentation.***

*The winning teams received certificates and gifts, while all participants were awarded e-certificates, making the event a grand success.*

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**  
In association with  
**IEEE SYSTEMS, MAN AND CYBERNETICS SOCIETY SJCE SB**  
presents  
**BOT MEETS WORLD** *Idea Presentation*

*Glimpses*

**19-03-2025**

**1** **2** **3**

**Creep Access (3rd-year)**  
Divit P  
Arjun Adhithya RR  
Hemanth Reddy AR

**LITE READ (2nd-year)**  
Reshma S  
Sharuka S  
Prijiitha P

**Team Crusades (1st-year)**  
Mrithula J  
Padma Priya R  
Raju V

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**WE MAKE YOU SHINE**

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# *Department Excellence*

## *FDCI CLUB INAUGURATION AND LOGO FORGE*

*The Department of Artificial Intelligence and Data Science proudly launched its highly anticipated **Design Club – Forum for Design, Creativity and Innovation**, dedicated to cultivating a culture of creativity, innovation, and collaboration among students of ADS department. The event was further highlighted by a thrilling **Logo Design Competition – LOGO FORGE**, which invited participants to define the club's unique identity.*

### *Team of FDCI Club:*

- 1. Dr. A S Nisha Staff Coordinator of FDCI*
- 2. Mr. Sairam Dharmarajan -III ADS - Founder of FDCI*
- 3. Ms. Reya Josephine H – II ADS - Co-founder of FDCI*
- 4. Mr. Rehan C Bejoy – III ADS - President of FDCI*
- 5. Ms. Sangameshwari -II ADS - Vice-President of FDCI*
- 6. Ms Dhviya Shree -III ADS - Event & Outreach Coordinator of FDCI*
- 7. Mr. Sathish Kumar S – III ADS - Social media Manager of FDCI*
- 8. Mr. Kiruthik kumar – III ADS - Tech Lead of FDCI*

### *Logo Design Competition – LOGO FORGE*

#### *Winners:*


*Team: 2ofakind*


*Members: Ms. Sowmia V & Ms. Vishwa Priya V*

#### *Top 3 Teams:*

- 1. ♦ Pixel Pioneers – Mr. M. Santhosh & Ms. Sherin Ovia*
- 2. ♦ LoGOAT – Ms. Sangamithra Dillibabu & Ms. Priyadharshini S*
- 3. ♦ Visionary Vortex – Ms. Parkkavi E & Ms. Nowrin Begum R*


*As a token of recognition, the winners are given exclusive roles in the FDCI club, where they will contribute to exciting projects and showcase their skills on a larger platform!*

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**18<sup>TH</sup>**  
**MARCH 2025**

 **FORUM FOR  
DESIGN,  
CREATIVITY &  
INNOVATION**




**LOGO FORGE**  
A Creative Logo Design Contest


*That's a Wrap!  
Highlights from  
Logo Forge!*





**STAY TUNED  
FOR THE  
RESULTS!**

**190+**  
**PARTICIPANTS**

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# Department Excellence

## Industrial Visit – AERO KNOTZ

A group of **third-year students** visited **Aero Knotz Drones Pvt. Ltd.** as part of an **industrial visit**. The visit aimed to give the students firsthand exposure to the drone technology industry and provide insights into its practical applications.

Students learned about the design, development, and testing processes involved in creating drones, as well as the challenges faced in the industry. The visit also included a discussion on the future of drone technology, including its uses in fields like agriculture, surveillance, logistics, and more. The experience was a valuable opportunity for students to connect classroom knowledge with real-world technological advancements and industry practices.

The banner features the St. Joseph's College of Engineering logo on the left and the 31st anniversary logo on the right. The text reads: "You Choose, We Do It St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution) St. Joseph's Group of Institutions OMR, Chennai - 119". Below this is the department name: "DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE". The main title is "INDUSTRIAL VISIT to AERO KNOTZ". The banner includes three photographs: a group photo of students and faculty, a student working on a drone, and a student interacting with a drone. A location pin icon indicates "Siruseri Chennai" with dates "13 & 14 March 2025" and time "9.30 am - 3.00 pm". Under "Visit Outcomes", it lists: "Gained insights into drone technology.", "Helped students to identify potential career paths.", and "Understands about the several ongoing drone projects and the applications of drones in various sectors." The bottom of the banner features the St. Joseph's Group of Institutions logo and the slogan "The Choice of Disciplined Toppers".

*3rd ADSB & C*

# Department Excellence

## Industrial Visit – LTIMindtree

A group of **third-year students** visited **LTIMindtree** as part of their **industrial visit**. The main purpose of the visit was to provide students with a deeper understanding of the IT and software industry, as well as the operations of a leading global technology consulting and services company. During the visit, students had the opportunity to tour the company's facilities and learn about the various services offered, including digital transformation, cloud computing, and IT solutions across industries like finance, healthcare, and manufacturing.

Overall, the visit provided students with practical exposure to the real-world applications of their academic learning, bridging the gap between theory and industry practices.

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

**INDUSTRIAL VISIT to LTIMindtree**

**Visit Outcomes**

- The session highlighted future projects and opportunities in AI and Generative AI.
- The need for students to update their skills to meet industry requirements was discussed.
- Discussion on how AI is transforming business processes
- Importance of responsible AI practices was highlighted.

**Ramapuram Chennai**  
**05-03-2025**  
9.30 am - 3.00 pm

*3rd ADSA*

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# *Department Excellence*

## *Academic Audit*

*The **academic audit** conducted by **Dr. Kathirolu R, Assistant Professor (Sl. Gr), MIT Campus, Anna University** and **Dr. Rajesh G, Associate Professor, MIT Campus, Anna University** was a comprehensive evaluation aimed at assessing the academic standards and quality of the Department. The audit involved reviewing various aspects of the academic framework, including curriculum design, teaching methodologies, student performance, and overall academic environment.*

*Dr. Kathirolu R, Assistant Professor (Sl. Gr), MIT Campus, Anna University and Dr. Rajesh G, Associate Professor, MIT Campus, Anna University analyzed the effectiveness of the programs offered, ensuring that they met industry standards and aligned with the evolving educational needs. They also examined faculty performance, resource utilization, and the implementation of innovative teaching tools. The audit provided constructive feedback on areas of improvement and highlighted strengths within the institution, offering recommendations for enhancing academic quality, student engagement, and future curriculum development.*

*Overall, the academic audit served as an essential process for ensuring continuous improvement and maintaining high standards of education.*

*Department: Artificial Intelligence and Data Science*

*Date of Audit: 26.03.2025*

*Academic Year: 2024-2025*



# Staff Achievements

## Patent Published

**Our Department Faculty, Mr. Durairaji V, Assistant Professor, has successfully published a Patent titled, “AI and IoT-Based Smart Agriculture System for Crop Monitoring and Pest Control Technology”.**

(12) PATENT APPLICATION PUBLICATION	(21) Application No. 202541016495 A
(19) INDIA	
(22) Date of filing of Application :25/02/2025	(43) Publication Date : 07/03/2025
(54) Title of the invention : AI and IoT-Based Smart Agriculture System for Crop Monitoring and Pest Control Technology	
(51) International classification :G06Q0050020000, G05V0020100000, G06V0020130000, H04W0004380000, G16Y0010050000	(71)Name of Applicant : Dr. B. Srinivasa Rao Address of Applicant : Professor, Department of Computer Science and Engineering, Oorahalli College of Engineering and Technology, Chaurya, Medchal, Hyderabad, Telangana -501301 Dr. Abhijit Ramesh Rao Joshi Dr. Durairaji V Dr. Anand H S Dr. C. Rameshkrishna Ms. Shanthi Dr. Shivaji Rao Dr. D. Prasad Dr. Amundeeep Nalaya Name of Applicant : NA Address of Applicant : NA
(86) International Application No :NA Filing Date :NA	(72)Name of Inventor : Dr. B. Srinivasa Rao Address of Applicant : Professor, Department of Computer Science and Engineering, Oorahalli College of Engineering and Technology, Chaurya, Medchal, Hyderabad, Telangana -501301 Dr. Abhijit Ramesh Rao Joshi Address of Applicant : Assistant Professor, Department of Artificial Intelligence and Data Science, CNR Institute of Technology, Srinivasa Raddi Layout Acas Layout, Marathahalli, Bengaluru, Karnataka -560037 Dr. Durairaji V Address of Applicant : Professor, Department of Information Technology, Sri Vile Parie Kalyani Mandal's Dhanodoli, Sangli College of Engineering, Vile Parie (West), Mumbai, Maharashtra -400036 Dr. Amundeeep Nalaya Address of Applicant : Assistant Professor, Department of Artificial Intelligence & Data Science, St. Joseph's College of Engineering, Chennai, Tamil Nadu Dr. C. Rameshkrishna Address of Applicant : Faculty in Computer Science, Department of Computer Science and Application, Kogiya University, Janna Kalyani Campus, Chikka Aikava, Kogiya, Karnataka -571232 Dr. C. Rameshkrishna Address of Applicant : Assistant Professor, Department of Computer Science & Engineering, Dr. B. R. Ambedkar University, Srirubidra, Andhra Pradesh Ms. Shanthi Address of Applicant : Assistant Professor, Department of Computer Science and Applications, Aurangzeb College for Women (Autonomous), Vellore, Tamil Nadu Dr. Shivaji Rao Address of Applicant : Assistant Professor, Department of Computer Science and Design, Karpagam College of Engineering, Coimbatore, Tamil Nadu Dr. D. Prasad Address of Applicant : Professor, Department of CSE, Aditya Institute of Technology and Management, Tirukal, Andhra Pradesh Dr. Amundeeep Nalaya Address of Applicant : Assistant Professor, Department of Artificial Intelligence and Data Science, Guru Jambheshwar University of Science & Technology, Haryana
(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	

**Our Department Faculty, Mr. Senthil Kumar D, Assistant Professor, has successfully published a Patent titled, “Effective Alert System for Farmers By Observing And Automation Of Agricultural Field Location Using IoT Devices”.**

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



Application Details	
APPLICATION NUMBER	202541012110
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/02/2025
APPLICANT NAME	1. K. Pandyan 2. Dr. Gopichand Nimbarte 3. Mr. Vikram Dhanraj 4. Dr. R. Kalavani 5. Sathish D 6. Dr. Abhijit Ramesh Rao Joshi 7. S. Karthickan 8. Aishwaryaa LK 9. Senthil Kumar D 10. P. Kavitha
TITLE OF INVENTION	Effective Alert System For Farmers By Observing And Automation Of Agricultural Field Location Using IoT Devices
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mail2patenopr@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	-
PUBLICATION DATE (IUS 11A)	21/02/2025

# Staff Achievements

## Book Chapter Published

Our Department Faculty, **Mr. Senthil Kumar D, Assistant Professor**, has successfully published a **Book Chapter** titled, “Generative Adversarial Networks (GANs) for Augmenting Cyber Threat Intelligence and Enhancing Detection of Evasive Malware”, and indexed in Google Scholar.

Our Department Faculty, **Dr.R. Baghia Laxmi, Assistant Professor**, has successfully published a **Book Chapter** titled, “Post-Quantum Cryptography and Quantum Machine Learning for Resilient Encryption in AI-Driven Cybersecurity”, and indexed in Google Scholar.

Our Department Faculty, **Dr.R. Baghia Laxmi, Assistant Professor**, has successfully published a **Book Chapter** titled, “Cyber Deception Strategies Using AI-Powered Honeypots and Generative Models for Attacker Behavior Profiling “, and indexed in Google Scholar.

RADemics

Generative Adversarial Networks (GANs) for Augmenting Cyber Threat Intelligence and Enhancing Detection of Evasive Malware

Krishna Kumar, Jothi P., Senthil Kumar Dhandapani  
RVS COLLEGE OF ARTS AND SCIENCE, ST. JOSEPH'S COLLEGE OF  
ENGINEERING

RADemics

Post-Quantum Cryptography and Quantum Machine Learning for Resilient Encryption in AI-Driven Cybersecurity

Krishna Kumar, Satheesree S, R. Baghia Laxmi  
VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED  
STUDIES, ST. JOSEPH'S COLLEGE OF ENGINEERING, (AN  
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RADemics

Cyber Deception Strategies Using AI-Powered Honeypots and Generative Models for Attacker Behavior Profiling

R. Shobana, V. Pavithra, R. Baghia Laxmi  
ANNAMIRA COLLEGE OF ENGINEERING AND TECHNOLOGY, SRM  
INSTITUTE OF SCIENCE AND TECHNOLOGY, ST. JOSEPH'S COLLEGE  
OF ENGINEERING

# Staff Achievements

## Paper Published

Our Department Faculty, **Dr. Ramya R, Associate Professor**, has successfully **published a paper** titled **“Distributed blockchain assisted secure data aggregation scheme for risk-aware zone-based MANET”** in the Journal **“Scientific Reports”** and **Indexed in SCIE**.

Our Department Faculty, **Dr. Baghia Laxmi R, Assistant Professor**, has successfully **published a paper** titled, **“DAI-BO Integrated Intelligent Lens Beam forming for Dynamic 5G Network Optimization”**, in **2024 International Conference on System, Computation, Automation and Networking (ICSCAN)**, and **Indexed in Scopus**.

Our Department Faculty, **Dr. Baghia Laxmi R, Assistant Professor**, has successfully **published a paper** titled, **“Design a 6 GHz MODEM for Vehicular Ad Hoc Networks (VANET'S)”**, in **2024 International Conference on System, Computation, Automation and Networking (ICSCAN)**, and **Indexed in Scopus**.

Our Department Faculty, **Dr. Baghia Laxmi R, Assistant Professor**, has successfully **published a paper** titled, **“Micro Patch Log-Periodic Antenna with Dielectric Resonator 6 GHz Networks (VANET'S)”**, in **2024 International Conference on System, Computation, Automation and Networking (ICSCAN)**, and **Indexed in Scopus**.




Our Department Faculty, **Ms. Sathya V, Assistant Professor** has successfully participated in the **Online Workshop** on **“Conference and Journal Paper Writing with AI Tools”**, organized by **LMS Solution**, held on **8<sup>th</sup> March, 2025**.



# Staff Achievements

## NPTEL

Our Department Faculties, **Dr. Ramya R, Associate Professor** and **Dr. Nisha A S, Assistant Professor**, have successfully completed the **NPTEL ONLINE CERTIFICATION** on “**Edge Computing**”.




**Elite**

### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

**Skill India**  
कौशल भारत - कुशल भारत


This certificate is awarded to  
**DR R RAMYA**  
for successfully completing the course  
**Edge Computing**




with a consolidated score of **82** %


Online Assignments	24.58/25	Proctored Exam	57.75/75
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Total number of candidates certified in this course: 1487


  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jan-Mar 2025**  
(8 week course)


  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



FREE ONLINE EDUCATION  
**swayam**  
शिक्षण भारत, उन्नत भारत

Roll No: NPTEL25CS28S443301726      To verify the certificate       No. of credits recommended: 2 or 3

# *Glimpse – College Day and Sports Day Prize Winners*

*"Victory Through Teamwork, Excellence Through Effort: Celebrating the Spirit of Dedication and Triumph."*



## ***STAFF EDITORIAL***

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

*Mr. Sathishkumar R.M.E (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.*