OCTOBER 2025

VOL : 3

ISSUE : 5

AI Datum

MONTHLY NEWSLETTER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

St.JOSEPH'S

COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119

CONTENTS

CONTENTS

ABOUT OUR COLLEGE

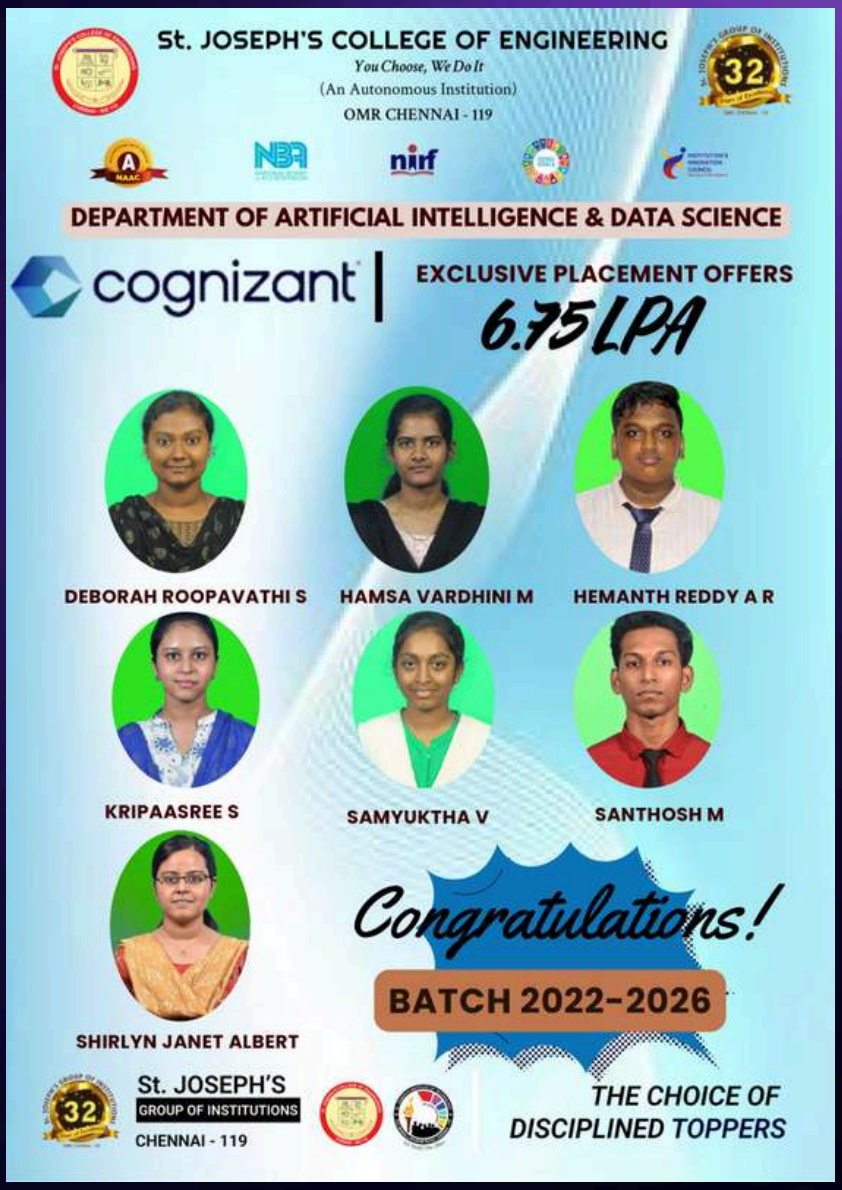
- St. Joseph's College of Engineering is having 30 years of successful academic reputation offering 11 UG programs and 3 PG programs with a current intake of more than 1750 students per year.
- Since inception, our Institution is consistently placed among the Top 10 institutions in terms of number of ranks. So far 1553 ranks including 57 Gold medals and 56 Silver medals have been secured by students. The college has been in 1st Place for 4 times in terms of fetching highest numbers of Anna University ranks.
- The College is continuously being ranked by in National Institutional Ranking Framework (NIRF) since 2017 and ranked in '201 band' at National Institutional Ranking Framework under Innovation category (NIRF- Innovation 2025).
- Accredited with A+ grade by securing 3.46 on a scale of 4.00 by National Assessment and Accreditation Council (NAAC).
- 10 departments have been recognized as 'Research Centers' by Anna University to pursue Ph.D. and also recognized as 'Scientific and Industrial Research Organization' (SIRO) since 2014 by DSIR, Government of India.
- Our institution has received 2nd Rank in Performers band of NSIIR 2023 (National Sustainability
- Impact Institutions Ranking) organized by NITI AAYOG & ATAL Innovation Mission for our initiatives in support United Nation's Sustainable Development Goals.
- Our research publications have resulted in fetching Scopus h-index 67 and Web of Science h-index 59 for our institution.
- Our institution is the recognized 'Linguaskill Centre' for Cambridge English Assessment in India & one among 25 South Asia Best Preparatory Centers for Business English Certification (BEC).
- So far 57 Sponsored Research Projects to the value of Rs. 5.04 Crores and 48 Faculty Training Programs with a grant of Rs.71.51 lakhs and FIST grant of Rs.71 Lakhs were received from AICTE, NRB, DST, SERB, DBT, NROMS, ISRO, TNSCST & Anna University etc.
- INAE Innovative Project Awards (21 Projects) were bagged by our students for their innovative projects.

ABOUT OUR COLLEGE

- Our Institution is selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and Skill and Personality Development program Centre (SPDP) for SC/ST by AICTE, and received a grant of Rs.17 lakhs grant under PMKVY program.
- Won First AICTE-ECI Chhatra Vishwakarma award in 2017 as a Best Institute at National level.
- Won 1st position in "Utkrisht Sansthan Vishwakarma Award", 2020 by AICTE in association with Ministry of Human Resource and Development (MHRD).
- Secured AICTE-Lilavati Awards in 2021 and 2022: Winner under the stream of Women Security, Runner under Hygiene and Sanitation themes in 2021 and Runner in Women Empowerment 2022.
- College has secured star rating for the activities carried out in the campus by Institution's Innovation Council (IC). In 2023 the college has received 4 project grants worth of Rs.56 Lakhs for Business incubation by MSME, MOE, & Government of India
- Consistently our students are securing winning positions in National Level Innovative idea competitions such as AICTE Smart India Hackathon in Hardware and software, Toycathon, Mapathon etc.
- We have Secured 58th Rank by Internshala Annual Ranking 2023 and our Institution is consistently awarded "National Employability Award" every year since 2017 by Aspiring Minds.
- Our college is recognized as India's Best Engineering Institute 2023 with AAAA rating by Careers 360 organization.
- Our Institution is listed in India Book of Records for hosting National Level FDP on Cloud Infrastructure organized by BRAIN O VISION, and supported by AICTE, Ministry of Education, Govt. of India.

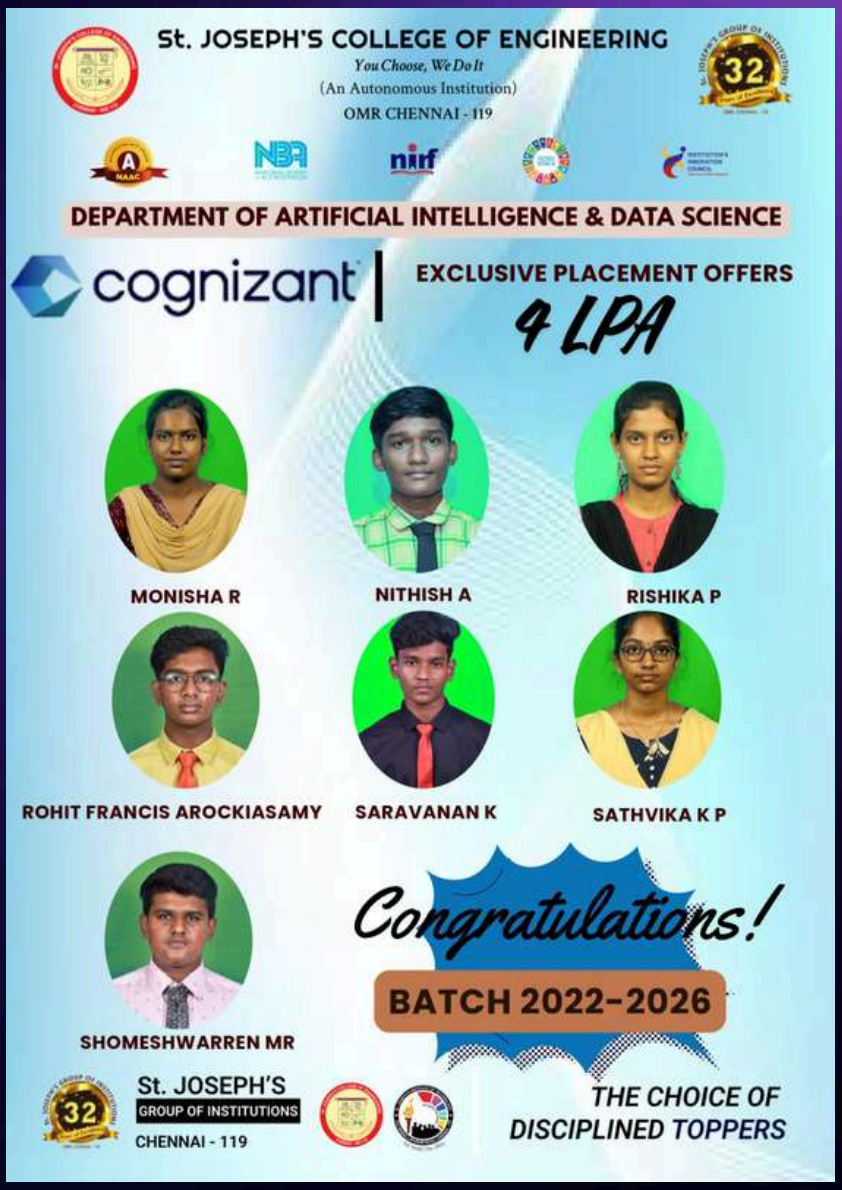
Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, Chennai, proudly congratulates its students for securing exclusive placement offers with Cognizant at an impressive package of 6.75 LPA. The selected students — Deborah Roopavathi S, Hamsa Vardhini M, Hemanth Reddy A R, Kripaasree S, Samyuktha V, Santhosh M, and Shirlyn Janet Albert — have showcased exceptional technical and problem-solving skills. Their success stands as a testament to the department's continuous efforts toward excellence in training and industry readiness. The institution commends these achievers for their hard work, perseverance, and determination. Such accomplishments highlight the strong academic foundation and placement support offered by the college. The management and faculty extend their warm wishes to the students for a bright and successful career ahead. Their achievements serve as an inspiration for their peers and future batches to aim higher and excel in their chosen paths.



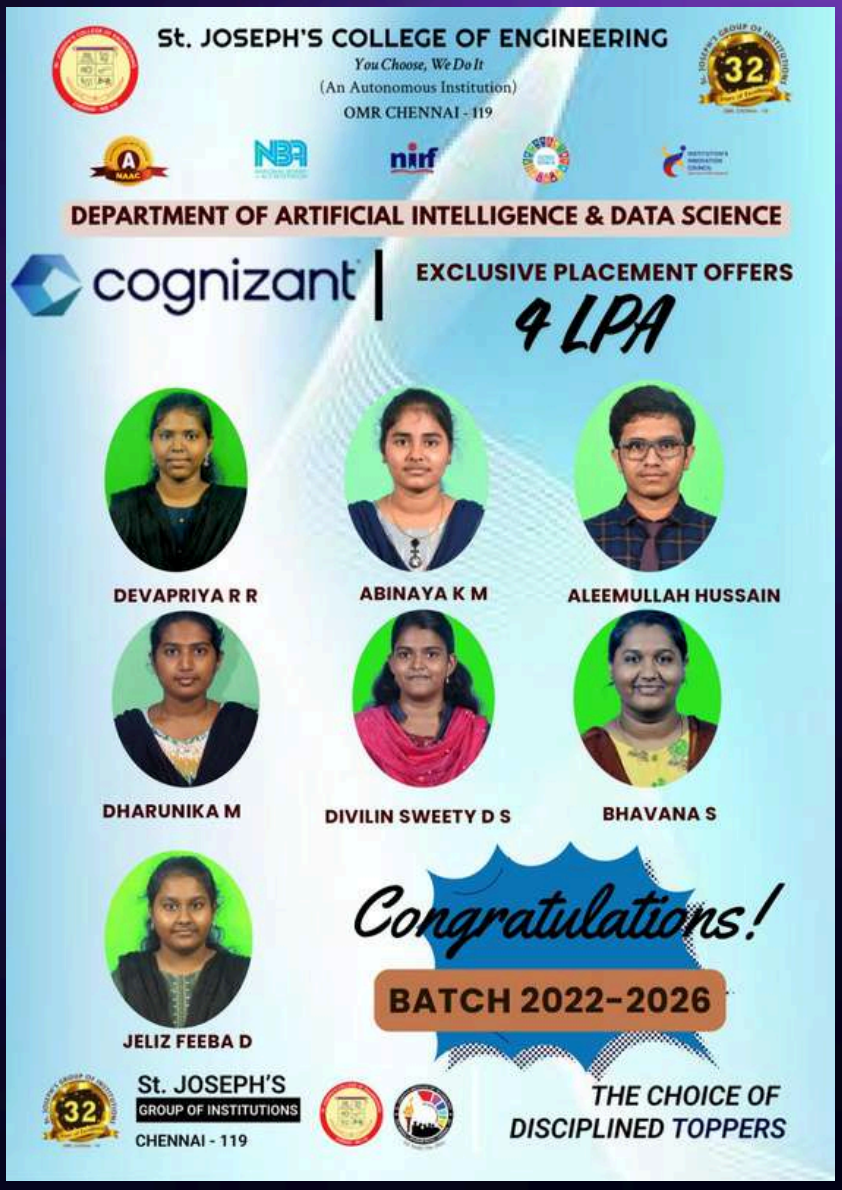
Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, Chennai, proudly celebrates the placement success of its talented students. Monisha R, Nithish A, Rishika P, Rohit Francis Arockiasamy, Saravanan K, Sathvika K P, and Shomeshwarren M R have secured exclusive offers from Cognizant with a package of 4 LPA. This remarkable achievement highlights their consistent academic excellence and technical competence. The department commends the students for their dedication, perseverance, and passion for learning. Such accomplishments reflect the institution's strong focus on industry readiness and holistic student development. Heartfelt congratulations to all the achievers whose accomplishments inspire future students to aim for excellence and success.



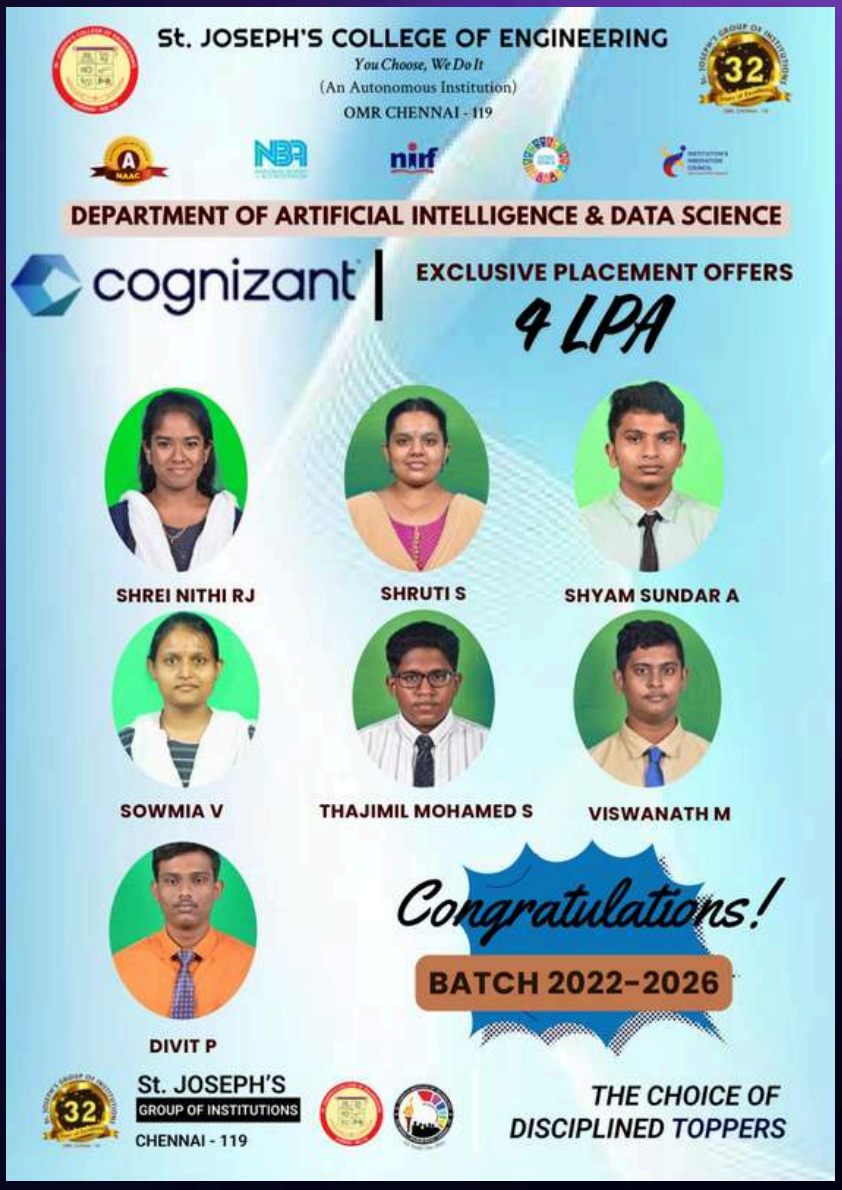
Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, Chennai, proudly celebrates the remarkable achievement of its students who have secured exclusive placement offers with Cognizant at an impressive package of 4 LPA. The successful candidates — Devapriya R R, Abinaya K M, Aleemullah Hussain, Dharunika M, Divilin Sweety D S, Bhavana S, and Jeliz Feeba D — have demonstrated exceptional talent, dedication, and technical expertise. Their success reflects the department's continuous commitment to providing quality education and industry-oriented training. This milestone highlights the strong placement culture and student-centric guidance offered by the institution. The management and faculty members congratulate the achievers for their outstanding performance and wish them continued success in their professional journey. The achievers are commended for their remarkable success, which serves as an inspiration for future generations to excel in their careers.



Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering takes immense pride in announcing the placement success of its students in Cognizant with an impressive package of 4 LPA. The achievers — Shrei Nithi R J, Shruti S, Shyam Sundar A, Sowmia V, Thajimil Mohamed S, Viswanath M, and Divit P — have showcased their technical expertise, problem-solving ability, and consistent academic excellence. Their accomplishment stands as a reflection of the department's strong academic foundation, industry collaborations, and continuous mentoring support. The institution extends heartfelt congratulations to the placed students for their hard work and perseverance. This achievement highlights the department's commitment to empowering students with skills aligned to industry expectations. Warm congratulations to the achievers, whose dedication and success light the path for future students to reach new milestones.

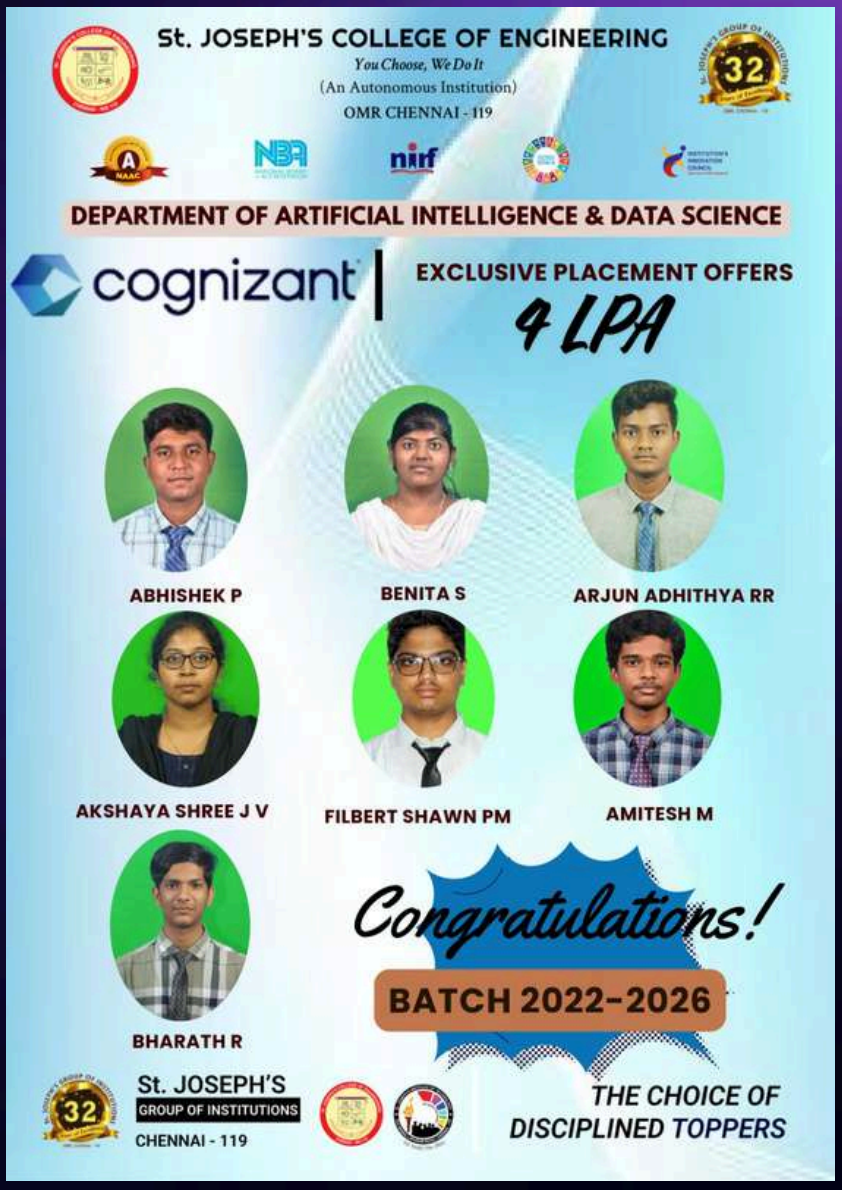


Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly celebrates the placement success of its students with Cognizant, securing offers of 4 LPA. The talented achievers — Kaniga M, Kaviarasi K, Latchiya Raman, Mahatishri Jayakumar, Mahesh Kumar P, Moniga S, and Monish P — have demonstrated outstanding technical proficiency and determination. Their success is a testament to the department's commitment to nurturing career-ready professionals through skill-based learning and continuous mentorship. The institution commends their hard work and consistency that led to this remarkable achievement. These placements reflect the growing industry trust in the department's excellence and training ecosystem. Kudos to the achievers for their outstanding performance that encourages others to strive for excellence and continuous growth.

Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly congratulates its talented students — Abhishek P, Benita S, Arjun Adhithya RR, Akshaya Shree J V, Filbert Shawn PM, Amitesh M, and Bharath R — for securing exclusive placement offers from Cognizant with an impressive package of 4 LPA. Their dedication, perseverance, and strong technical foundation have brought great pride to the department. This milestone highlights the institution's continuous efforts in fostering industry-ready professionals through hands-on learning and career guidance. The department appreciates the unwavering support of faculty members and placement coordinators who guided the students throughout their journey. Congratulations to the achievers, whose success motivates upcoming batches to pursue their goals with determination and confidence.



Student Achievements

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly congratulates Maria Lijoevin J of the 2022–2026 batch for securing a placement offer from BNP Paribas as a Software Engineer with an impressive CTC of Rs. 7.5 Lakh per annum. During his internship, he will also receive a stipend of Rs. 50,000 per month, showcasing his exceptional performance and technical proficiency. This remarkable achievement highlights the student's dedication, hard work, and commitment to excellence. The department expresses its appreciation for the continuous guidance and support provided by faculty members and placement coordinators. The management commends Maria's success, which reflects the institution's strong focus on industry-aligned training and holistic student development. His accomplishment serves as an inspiration to his peers and a proud moment for the college community.

Student Achievements

St. Joseph's College of Engineering in Chennai celebrates another proud placement success story. The Department of Artificial Intelligence and Data Science congratulates one of its students for securing an impressive offer. Harshini M from the 2022–2026 batch has been placed in the renowned company Thoughtworks. She has received a lucrative placement offer with a CTC of ₹11.10 lakhs per annum. This remarkable success reflects the college's commitment to excellence and career development. St. Joseph's continues its legacy of producing disciplined toppers and industry-ready professionals. Accredited by NAAC with an A+ grade and recognized by NBA and NIRF, the institution maintains high academic standards. The placement success stands as a testimony to the quality education imparted. Congratulations once again to Harshini M on this outstanding achievement.

Student Achievements in Sports

Karen Austin, a student of the Artificial Intelligence and Data Science branch from St. Joseph's College of Engineering, has brought pride to the institution through her outstanding performance in sports. Representing Zone II, she was a member of the college badminton team that competed in the Anna University Inter-Zonal Tournaments 2025–2026. The tournament was organized by the Anna University Sports Board, Chennai, and held at Kamaraj College of Engineering and Technology. Demonstrating teamwork, skill, and dedication, her team secured the First Position in the badminton event. The competition took place from 15th October 2025 to 17th October 2025 and witnessed participation from several engineering colleges across Tamil Nadu. Her exceptional effort and sportsmanship were commended by the organizing committee. This achievement highlights her commitment to excellence beyond academics. The certificate was awarded by the Secretary and Chairman of the Anna University Sports Board in recognition of her merit and success.

ANNA UNIVERSITY

CERTIFICATE NO
250368

ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025

INTER-ZONAL TOURNAMENTS 2025 - 2026
CERTIFICATE OF MERIT

This is to certify that KAREN AUSTIN son / daughter of ..... Register no 312324243095 Year II Branch AIDS College ST. JOSEPH'S COLLEGE OF ENGINEERING Zone III was a member of BADMINTON team secured First / ~~Second~~ / ~~Third~~ Position in the Anna University Inter-Zonal Tournaments 2025 - 2026 held at KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY from 15.10.2025 to 17.10.2025

Event ..... Classification .....

PROGRESS THROUGH KNOWLEDGE

SECRETARY
Anna University Sports Board

CHAIRMAN
Anna University Sports Board

Student Achievements in NPTEL

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly celebrates the NPTEL achievers from the II Year (2024–2028 batch). These students have showcased their academic excellence by securing Elite and Elite + Silver certifications in various NPTEL courses. Their outstanding performance reflects their commitment to continuous learning and technical advancement. The department appreciates their dedication and hard work in mastering key concepts in the field of Artificial Intelligence and Data Science. Such achievements inspire fellow students to pursue knowledge beyond the classroom. Congratulations to all the achievers for bringing pride to the department and institution.

Student Achievements in NPTEL

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly recognizes the NPTEL achievers of the III Year (2023–2027 batch) for their exceptional performance in the Odd Semester. Vishwa R secured a place in the Top 1%, while Ancy S K Sithany ranked in the Top 2%. Bhavadarshini R G and Renish Soundhra S earned positions in the Top 5%, showcasing their consistent dedication and academic excellence. Their Elite + Silver achievements highlight their deep understanding and commitment to learning. The department congratulates them on this remarkable accomplishment and appreciates their efforts in bringing laurels to the institution.

Student Achievements in NPTEL

The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly acknowledges the exceptional accomplishments of its III Year (2023–2027 batch) students in the NPTEL examinations held during the Odd Semester. Aswini P, Deeba Dharshini, Dermika S A, Dharani S, Jayasri Shanmathi V, Manushree S S, Reshma S, Sangameshwari M, and Shaluma N T have successfully earned the Elite + Silver recognition. Their consistent effort and commitment to academic excellence reflect their passion for continuous learning and growth. These achievements stand as a testament to their technical proficiency and perseverance. The department takes immense pride in their success, encouraging others to follow their inspiring path.

Student Achievements in NPTEL

The Department of Artificial Intelligence and Data Science, St. Joseph's College of Engineering, proudly celebrates the remarkable accomplishments of its III Year (2023–2027 Batch) students who have excelled in the NPTEL examinations during the Odd Semester. A significant number of students earned the prestigious Elite certification, showcasing their academic excellence and dedication to continuous learning. These achievers have demonstrated exceptional commitment to mastering advanced concepts and enhancing their technical knowledge through the NPTEL platform. Their performance reflects the department's emphasis on academic rigor and real-world skill development. This achievement stands as a testament to the department's consistent efforts in fostering intellectual growth and innovation among students. The institution commends all the NPTEL achievers for their hard work and dedication.

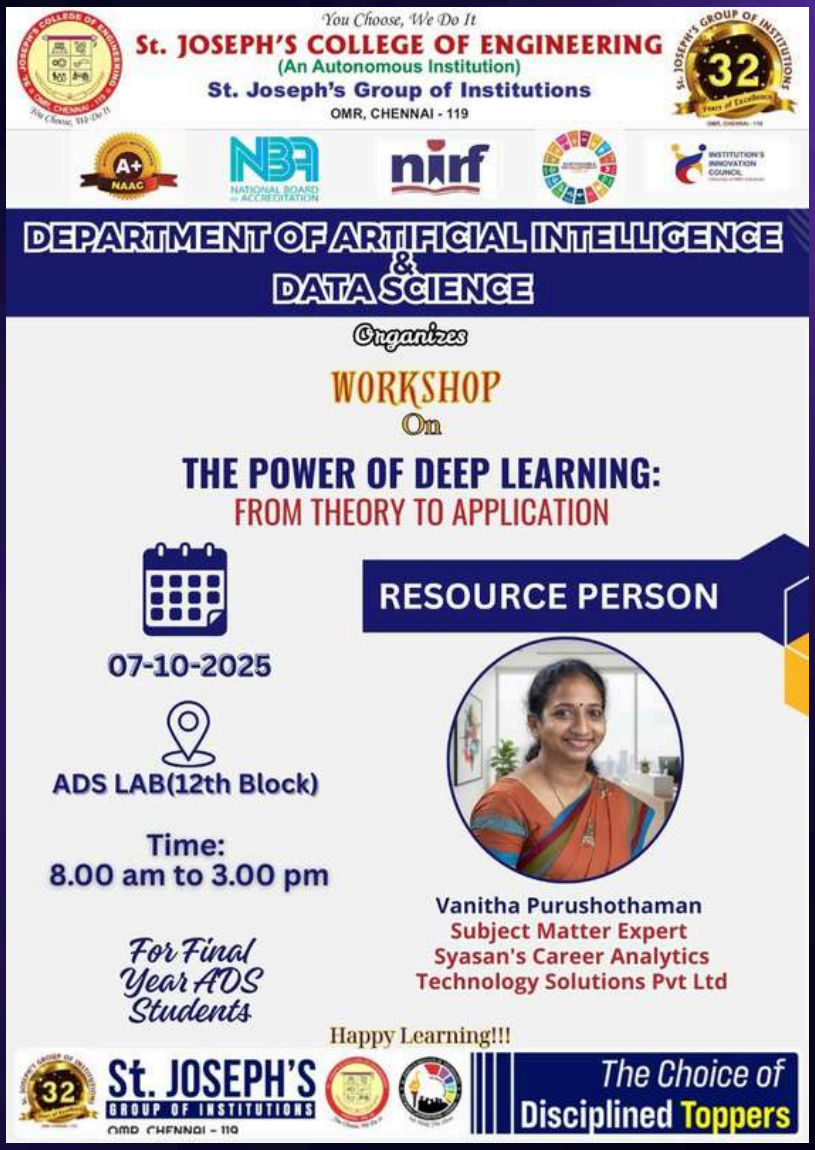
Hack- AI- Thon 2.0

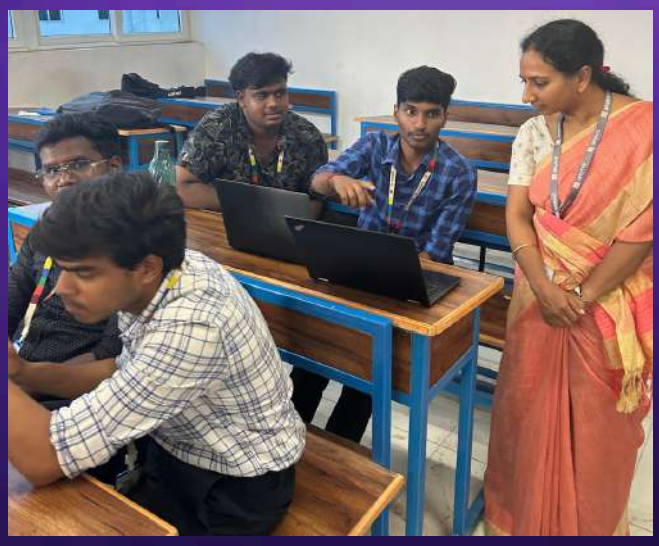
The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, OMR Chennai, cordially invites participants to Hack-AI-Thon 2.0, a 24-hour National Level Hackathon. This exciting event will be held at the Hackathon and Training Centre of the college on 9th and 10th October 2025. The hackathon offers opportunities to work across 5+ domains with 25+ problem statements, encouraging innovation and creativity. Participants will compete for a total prize pool of ₹70,000, including two spotlight prizes for outstanding innovations. The event aims to foster problem-solving and technical excellence among young minds. Hack-AI-Thon 2.0 is proudly powered by GOGOX, Levitate Consulting, Testware, and other partners. The competition promises a platform for collaboration and technological advancement. St. Joseph's College continues its legacy as The Choice of Disciplined Toppers through such national-level initiatives.

Hack- AI- Thon 2.0

The Power of Deep Learning – Workshop IV Year

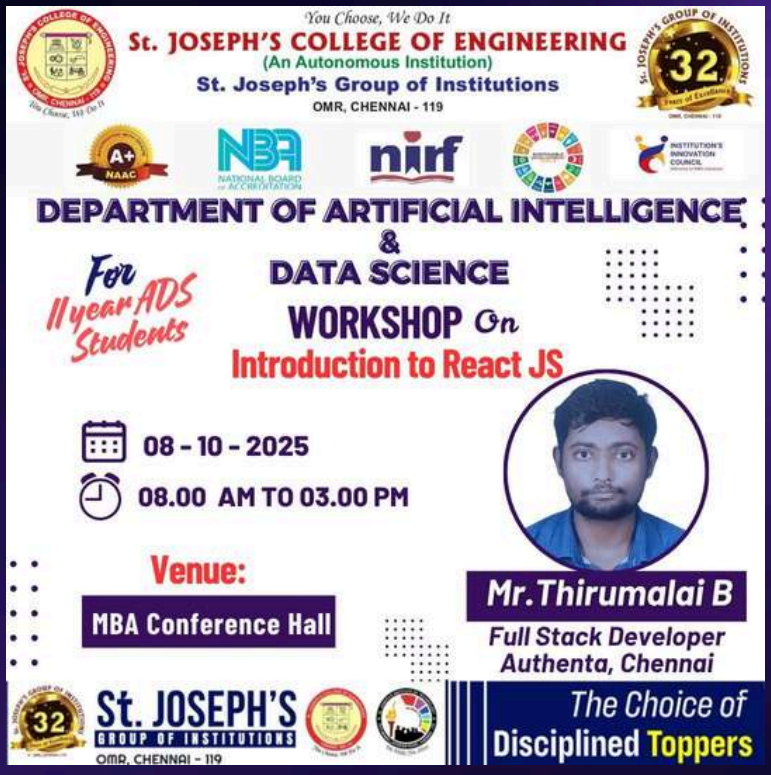
The Department of Artificial Intelligence and Data Science, St. Joseph's College of Engineering, organized a workshop on "The Power of Deep Learning: From Theory to Application" on 7th October 2025 at the ADS Lab (12th Block). The session was conducted by Ms. Vanitha Purushothaman, Subject Matter Expert at Syasan's Career Analytics Technology Solutions Pvt. Ltd. The workshop, held for final-year students, focused on bridging theoretical concepts with real-time applications of deep learning. Students gained valuable insights into neural networks, AI tools, and industry practices through interactive and hands-on sessions. The event enriched students' technical knowledge and inspired them to explore innovations in artificial intelligence.





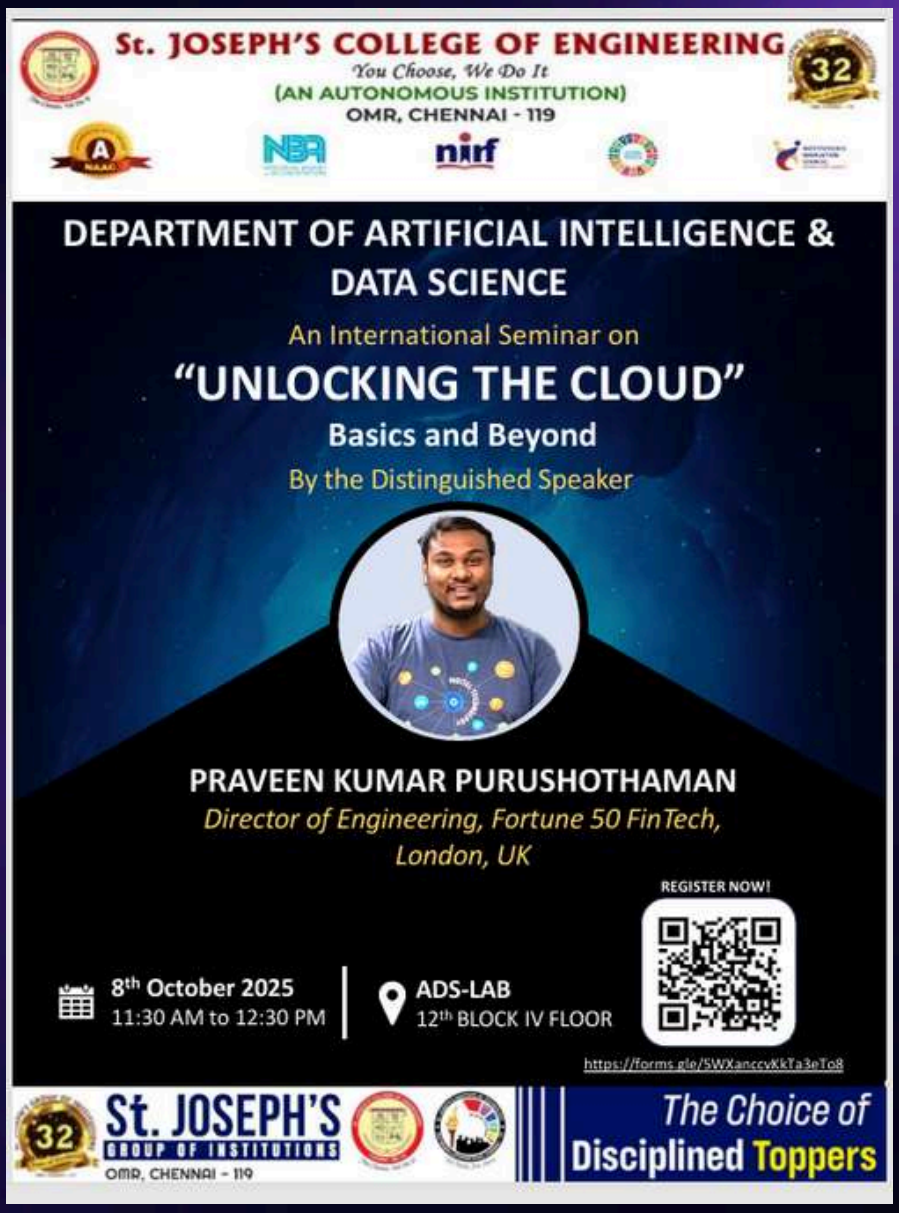
Introduction to React JS – Workshop II Year

The Department of Artificial Intelligence and Data Science of St. Joseph's College of Engineering organized a workshop on "Introduction to React JS" on October 8, 2025, exclusively for the II Year ADS students. The session was held at the MBA Conference Hall from 8:00 AM to 3:00 PM. The resource person, Mr. Thirumalai B, Full Stack Developer at Authenta, Chennai, delivered an insightful session on the fundamentals of React JS and its applications in modern web development. The workshop provided students with a strong foundation in building dynamic and interactive web interfaces using React components. The session was highly interactive and enriched the students with practical exposure to front-end development. The workshop proved to be an informative and productive learning experience, inspiring students to explore advanced web technologies with enthusiasm.



Unlocking the Cloud– Basic and Beyond : Seminar

The Department of Artificial Intelligence and Data Science of St. Joseph's College of Engineering organized an International Seminar on "Unlocking the Cloud – Basics and Beyond" on October 8, 2025. The session was graced by the distinguished speaker Mr. Praveen Kumar Purushothaman, Director of Engineering at Fortune 50 FinTech, London, UK. The event was conducted at the ADS Lab, 12th Block, IV Floor, from 11:30 AM to 12:30 PM. The seminar aimed to provide students with insights into the fundamentals and advanced aspects of cloud computing. Mr. Praveen Kumar shared his vast industry experience and enlightened participants on the practical applications of cloud technology in global enterprises. The seminar was highly informative, bridging the gap between academic learning and industry trends. Overall, it proved to be an engaging and enriching experience for all attendees.

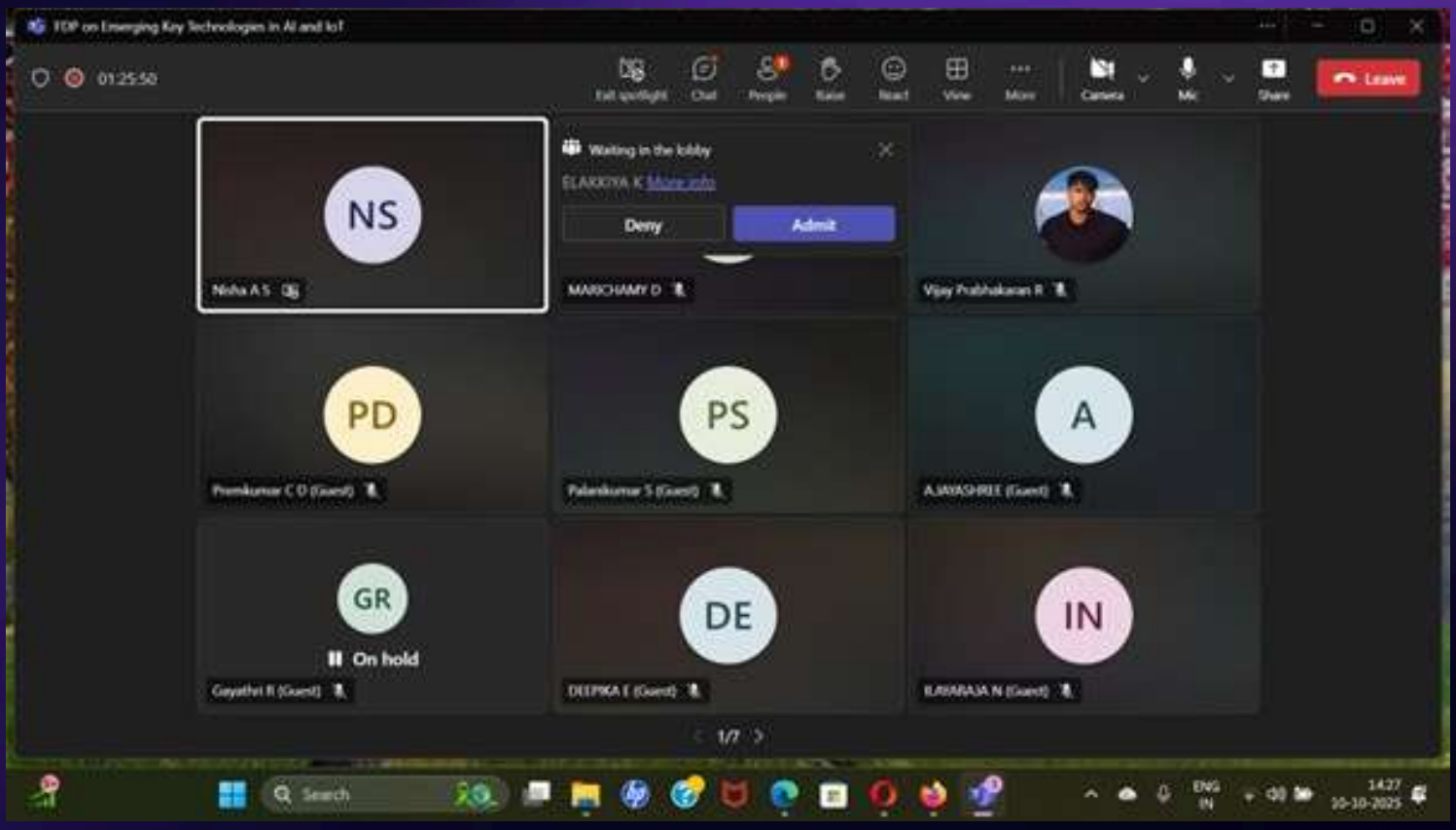


Glimpse of HackPrep: HACK-AI-THON 2.0

The Department of Artificial Intelligence and Data Science of St. Joseph's College of Engineering organized a pre-mentoring session titled "Glimpse of HackPrep" under HACK-AI-THON 2.0 on October 4, 2025, from 9:00 AM to 10:00 AM. The session was conducted online to help students gear up for the upcoming hackathon. Mr. Kishore Harshan Kumar, AI/ML Engineer at GrowthArc and a proud alumnus of ADS (2021–2025), served as the resource person. He guided participants on hackathon structure, idea generation, and effective problem-solving strategies. The session also emphasized teamwork, time management, and innovative solution development. Students explored various tools and technologies to build impactful projects. Practical insights were shared on how to pitch and present ideas confidently. The event helped participants gain clarity and confidence before the main hackathon. Overall, the session proved to be highly engaging and motivational for all aspiring innovators.

Alumni Talk: Cracking Infosys Drive

The Department of Artificial Intelligence and Data Science of St. Joseph's College of Engineering organized an Alumni Talk on the topic "Insights and Preparation Tips for Infosys Placement Drive." The session was conducted by Ms. Priyanka Bharathi LN, Senior Software Engineer and proud ADS alumnus. The event aimed to guide students on effective strategies and essential skills for cracking the Infosys placement process. It provided valuable insights into interview preparation, aptitude techniques, and real-time corporate expectations. The session was held online via Google Meet on 27th October 2025 from 6:30 PM to 7:30 PM. It was exclusively arranged for final year ADS students to enhance their placement readiness.



Faculty Paper Publications

Dr. Rajakumar M. P has actively participated and presented his research paper titled "Accurate Prediction of Phishing URLs Using Semi-Supervised GAN-BERT Model" at the 2025 IEEE 4th International Conference for Advancement in Technology (ICONAT). The event was organized by Rajarambapu Institute of Technology under the IEEE Bombay Section and held from 19th to 21st September 2025. The conference served as a platform for researchers, academicians, and professionals to exchange ideas and innovations in advancing technology. Dr. Rajakumar's paper focused on leveraging GAN-BERT models to improve phishing URL prediction accuracy through semi-supervised learning techniques. His research highlighted the integration of machine learning and natural language processing for enhancing cybersecurity measures. The presentation demonstrated his technical expertise and dedication to solving real-world challenges in online safety. This achievement reflects his commitment to research and contribution to the evolving field of artificial intelligence. The certificate was jointly signed by Dr. P. V. Kadole, General Chair, and Dr. Amol C. Adamuthe, Convenor of ICONAT 2025, acknowledging his valuable participation.

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

2025 IEEE 4th International Conference for Advancement in Technology (ICONAT)

IEEE BOMBAY SECTION

19th – 21st September 2025

Certificate

This is to certify that Dr./Prof./Mr./Ms. Rajakumar M P has presented paper entitled Accurate Prediction of Phishing URLs Using Semi-Supervised GAN-BERT Model in 2025 IEEE 4th International Conference for Advancement in Technology (ICONAT) during 19th to 21st September 2025.

General Chair
Dr. P. V. Kadole

Convenor
Dr. Amol C. Adamuthe

Faculty Paper Publications

Dr. M. P. Rajakumar has actively participated and presented his research paper titled "Classification of Breast Histology Slides into Benign/Malignant Class with Deep Learning Scheme" at the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025). The conference was organized by RVS College of Engineering and Technology, Coimbatore, India, and held from 6th to 8th October 2025, under IEEE and IEEE ComSoc. His presentation focused on developing an advanced deep learning framework for accurately classifying breast histology images into benign or malignant categories, contributing to the field of medical image analysis. The research emphasized the potential of artificial intelligence in assisting early cancer detection and improving diagnostic precision. His active involvement in this international conference showcased his research acumen and commitment to technological innovation in healthcare. The certificate was jointly signed by the Session Chair, Dr. S. S. Sivaraju (Organising Chair), and Dr. G. Mohan Kumar (Principal), recognizing his valuable contribution and successful presentation.

ICIDCA

IEEE

IEEE ComSoc
IEEE Communications Society

Certificate of Presentation

This is to certify that

M P Rajakumar

has successfully presented the paper titled

Classification of Breast Histology Slides into Benign/Malignant Class with Deep Learning Scheme

at the
7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025)
organised by RVS College of Engineering and Technology, Coimbatore, India on 6-8, October 2025.

Session Chair

Dr. S. S. Sivaraju
Organising Chair

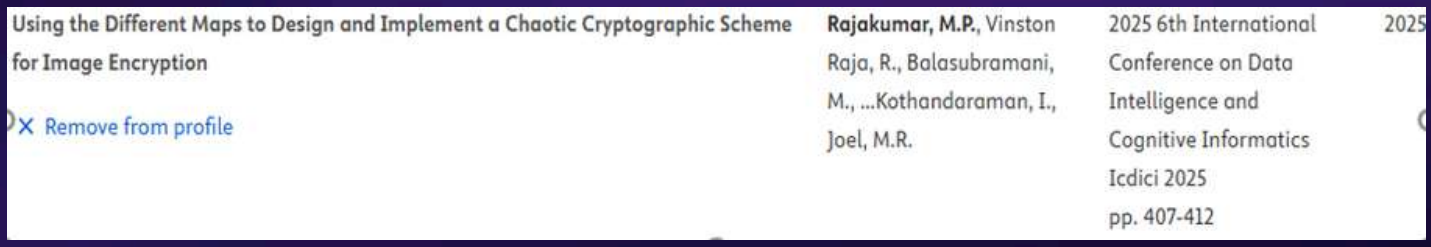
Dr. G. Mohan Kumar
Principal

Faculty Paper Publications

Dr. M. P. Rajakumar has actively participated and presented his research paper titled "YOLOv8-Powered Helmet Detection for Intelligent Roadside Safety Monitoring" at the International Conference on Sustainable Communication Networks and Application (ICSCN 2025). The conference was organized by Bharath Niketan Engineering College, Theni, Tamil Nadu, in association with IEEE and IEEE ComSoc, and held from 15th to 17th October 2025. His paper focused on utilizing the advanced YOLOv8 deep learning model to detect helmet usage effectively, contributing to enhanced road safety monitoring systems. This achievement underscores his dedication to research and innovation in sustainable communication technologies. The certificate was jointly signed by the Session Chair, Dr. K. Pounraj (Conference Chair), and Dr. P. V. Arul Kumar (Principal), acknowledging his valuable contribution and successful presentation.

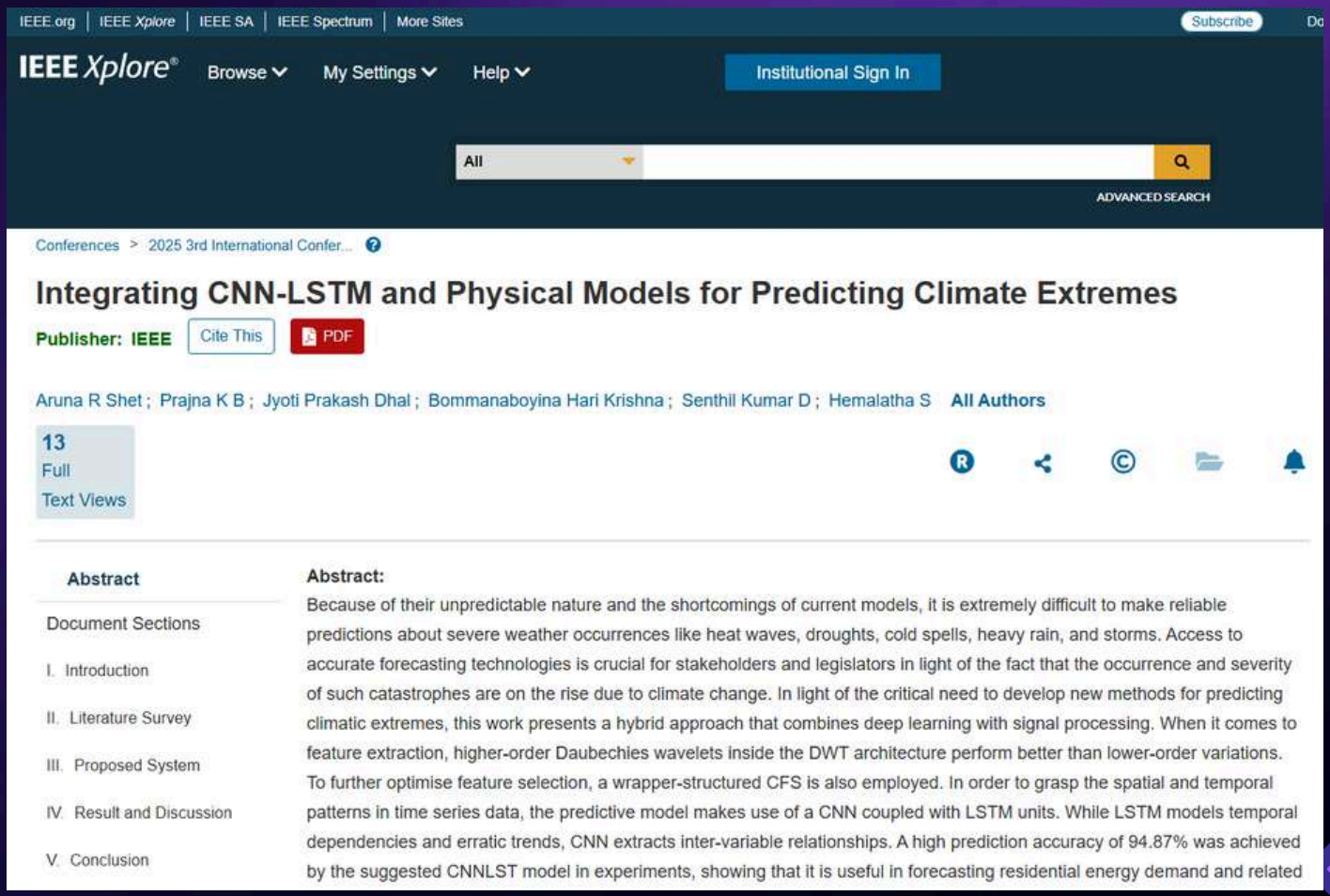
Faculty Paper Publications

Dr. M. P. Rajakumar, along with co-authors R. Vinston Raja, M. Balasubramani, I. Kothandaraman, and M. R. Joel, presented a research paper titled "Using the Different Maps to Design and Implement a Chaotic Cryptographic Scheme for Image Encryption." The paper was featured in the 2025 6th International Conference on Data Intelligence and Cognitive Informatics (Icdcl 2025), spanning pages 407–412. The study introduces a novel cryptographic approach utilizing chaotic maps to enhance image encryption techniques. It focuses on improving data confidentiality and resistance against potential cyberattacks in digital communication. The authors explored various mathematical map models to achieve complex and secure encryption patterns. Their work demonstrates how chaos theory can be effectively applied in cryptographic systems for robust image protection. The research highlights both theoretical foundations and experimental validations of the proposed method. It provides valuable insights into modern encryption mechanisms in the era of data-driven technologies. This contribution underscores the authors' commitment to advancing cybersecurity and information protection methodologies.



Faculty Paper Publications

Mr. Senthil Kumar D, along with his co-authors, has published a research paper titled "Integrating CNN-LSTM and Physical Models for Predicting Climate Extremes" in the IEEE Xplore Digital Library as part of the 2025 3rd International Conference. The paper introduces a hybrid approach that combines deep learning and physical models to improve the prediction of severe weather conditions such as heat waves, droughts, cold spells, and heavy rainfall. It utilizes CNN for feature extraction and LSTM for capturing temporal dependencies in climatic data. The model employs higher-order Daubechies wavelets for superior feature extraction and achieves an impressive prediction accuracy of 94.87%. This innovative method demonstrates its effectiveness in forecasting climate extremes and related energy demands, marking a significant contribution to environmental and AI-based research by Dr. Senthil Kumar and his team.



Faculty Book Chapter Publications

Dr. M. P. Rajakumar, along with co-authors M. Balasubramani, P. Jose, K. M. Navaneetha, and J. M. Robinson, contributed to the book chapter titled "Methods for Promoting Students' Active Engagement in Digital Environments." The work was published in the reputed volume Digital Tools and Platforms for Effective and Personalized Learning in 2025. This chapter explores innovative techniques and strategies to enhance student participation and motivation in online learning spaces. It emphasizes the use of digital tools, interactive platforms, and personalized learning systems to improve engagement and learning outcomes. The authors highlight practical methods that educators can adopt to create more inclusive and dynamic digital classrooms. Their research bridges theory and practice, focusing on learner-centric approaches in virtual education. The chapter underscores the importance of active involvement for better retention and academic success. It also discusses the challenges faced by educators in maintaining engagement in remote settings. This publication reflects the team's commitment to advancing educational technology and promoting meaningful digital learning experiences.

Document title	Authors	Source	Year
Methods for Promoting Students' Active Engagement in Digital Environments × Remove from profile	**Rajakumar, M.P.**, Balasubramani, M., Jose, P., ...Navaneetha, K.M., Robinson, J.M.	Digital Tools and Platforms for Effective and Personalized Learning pp. 375-402	2025

Faculty Achievement : Reviewer Certificate

Dr. A. S. Nisha, Associate Professor at St. Joseph's College of Engineering, has been recognized for her valuable contribution as a reviewer for the Springer 8th International Conference on Intelligent Computing and Communication (ICICC-2025). The conference was organized by the Department of Computer Science and Engineering, CSE (AI & ML), and CSE (Data Science) of CMR Technical Campus, Hyderabad, Telangana, on the 26th and 27th of September 2025. Her expert evaluation of research papers played a key role in ensuring the publication of high-quality works in the Springer Lecture Notes in Networks and Systems (LNNS) Series. This recognition highlights her commitment to academic excellence and contribution to the global research community. Dr. Nisha's involvement as a reviewer reflects her deep expertise in the field of computing and her dedication to advancing research standards in computer science and engineering.

Springer LNNS

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8TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND COMMUNICATION (ICICC-2025)

26TH & 27TH SEPTEMBER 2025

CMR TECHNICAL CAMPUS

ORGANIZED BY

DEPARTMENT OF CSE, CSE (AI&ML), CSE (DATA SCIENCE)

Certificate of Reviewer

This is to certify that

Dr.A.S.Nisha

Associate Professor, St.Joseph's College of Engineering

in recognition of the review contributed to the "Springer 8th International Conference on Intelligent Computing and Communication (ICICC-2025)" organized by the Department of CSE, CSE(AI&ML), CSE(Data Science), CMR Technical Campus, Hyderabad, Telangana during 26th & 27th September, 2025.

Your immense contribution to ICICC-2025 has been instrumental to bring out quality papers in Springer - Lecture Notes in Networks and Systems LNNS Series, ISSN 2367-3389

Dr V Naresh Kumar
Convenor

Dr K Srujan Raju
Editor

Dr A Raji Reddy
Director

Faculty Achievement : Reviewer Certificate

Scientific Research Publishing
https://www.scirp.org

Scientific Research

Open Journal of Social Sciences
ISSN Print: 2327-5952, ISSN Online: 2327-5960

Review Certificate

October 13, 2025

We certify that R. Ramya from Anna University has reviewed the following manuscript:

Manuscript ID: 6500874

Manuscript Title: Quantifying Language Disparities: A Distance-Based Predictive Model Using Linguistic Tree Structures

R. Ramya completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal. The assistance and technical support from this review report to the journal are highly appreciated.

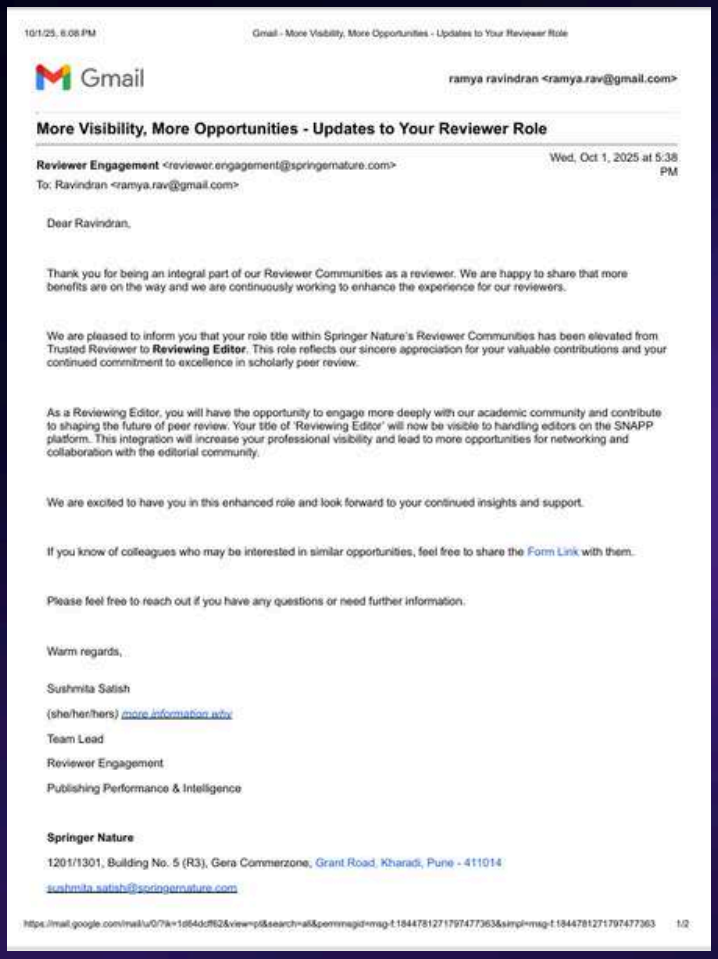
Best regards!

JSS Editorial Office
Email: JSS@scirp.org
https://www.scirp.org/journal/JSS

SEAL

Dr. R. Ramya from St. Joseph's College of Engineering has been acknowledged for her valuable contribution as a reviewer for the Open Journal of Social Sciences, published by Scientific Research Publishing. She reviewed the manuscript titled "Quantifying Language Disparities: A Distance-Based Predictive Model Using Linguistic Tree Structures." Dr. Ramya completed the review with diligence and provided academically significant comments that enhanced the quality of the paper. Her timely evaluation and insightful feedback helped uphold the high peer-review standards of this reputed international journal. The editorial team appreciated her technical expertise and analytical approach, which added depth and rigor to the review process. This recognition highlights her dedication to research excellence and her continued commitment to advancing academic scholarship through meaningful peer review contributions.

Faculty Achievement : Reviewing Editor



10/1/25, 6:08 PM Gmail - More Visibility, More Opportunities - Updates to Your Reviewer Role

Gmail ramya ravindran <ramya.rav@gmail.com>

More Visibility, More Opportunities - Updates to Your Reviewer Role

Reviewer Engagement <reviewer.engagement@springernature.com> Wed, Oct 1, 2025 at 5:38 PM
To: Ravindran <ramya.rav@gmail.com>

Dear Ravindran,

Thank you for being an integral part of our Reviewer Communities as a reviewer. We are happy to share that more benefits are on the way and we are continuously working to enhance the experience for our reviewers.

We are pleased to inform you that your role title within Springer Nature's Reviewer Communities has been elevated from Trusted Reviewer to **Reviewing Editor**. This role reflects our sincere appreciation for your valuable contributions and your continued commitment to excellence in scholarly peer review.

As a Reviewing Editor, you will have the opportunity to engage more deeply with our academic community and contribute to shaping the future of peer review. Your title of 'Reviewing Editor' will now be visible to handling editors on the SNAPP platform. This integration will increase your professional visibility and lead to more opportunities for networking and collaboration with the editorial community.

We are excited to have you in this enhanced role and look forward to your continued insights and support.

If you know of colleagues who may be interested in similar opportunities, feel free to share the Form Link with them.

Please feel free to reach out if you have any questions or need further information.

Warm regards,

Sushmita Satish
(she/her/hers) more information why
Team Lead
Reviewer Engagement
Publishing Performance & Intelligence

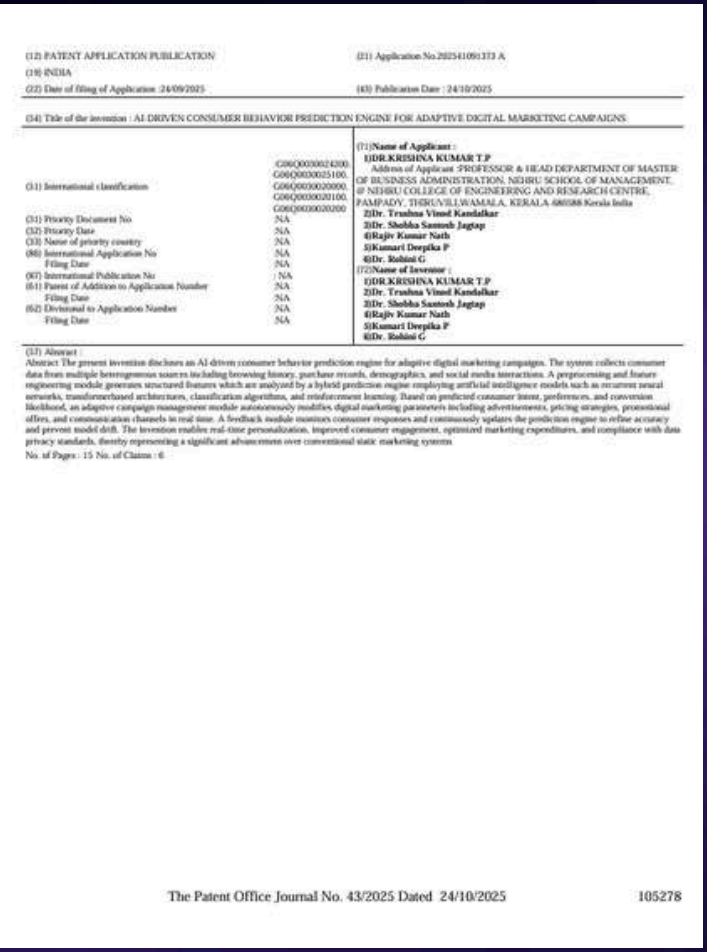
Springer Nature
1201/1301, Building No. 5 (R3), Gera Commerzone, Grant Road, Kharadi, Pune - 411014
sushmita.satish@springernature.com

https://mail.google.com/mail/u/0/?ik=1d64dcff62&view=pt&search=all&permmsgid=msg-f:1844781271797477363&simpl=msg-f:1844781271797477363 1/2

Dr. Ramya Ravindran has been recognized for her outstanding contributions to the peer review community and has been elevated to the role of Reviewing Editor within Springer Nature's Reviewer Communities. This achievement reflects her consistent dedication and excellence in scholarly peer review. In this enhanced role, she will have the opportunity to engage more deeply with the academic community, contribute to shaping the future of peer review, and collaborate with editors through Springer Nature's SNAPP platform. Her new position will increase her professional visibility and open doors for greater collaboration and networking within the global research community.

This elevation acknowledges her valuable efforts in maintaining the quality and integrity of scientific publishing. It stands as a testament to her expertise, commitment, and passion for advancing research. Her achievement serves as an inspiration to fellow researchers and reviewers striving for excellence in academic service.

Faculty Patent Publication



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2025

(21) Application No.202541091373 A
(43) Publication Date : 24/10/2025

(54) Title of the invention : AI DRIVEN CONSUMER BEHAVIOR PREDICTION ENGINE FOR ADAPTIVE DIGITAL MARKETING CAMPAIGNS

(51) International classification: G06Q0030024300, G06Q0030025100, G06Q0030020000, G06Q0030020100, G06Q0030020200
(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 :
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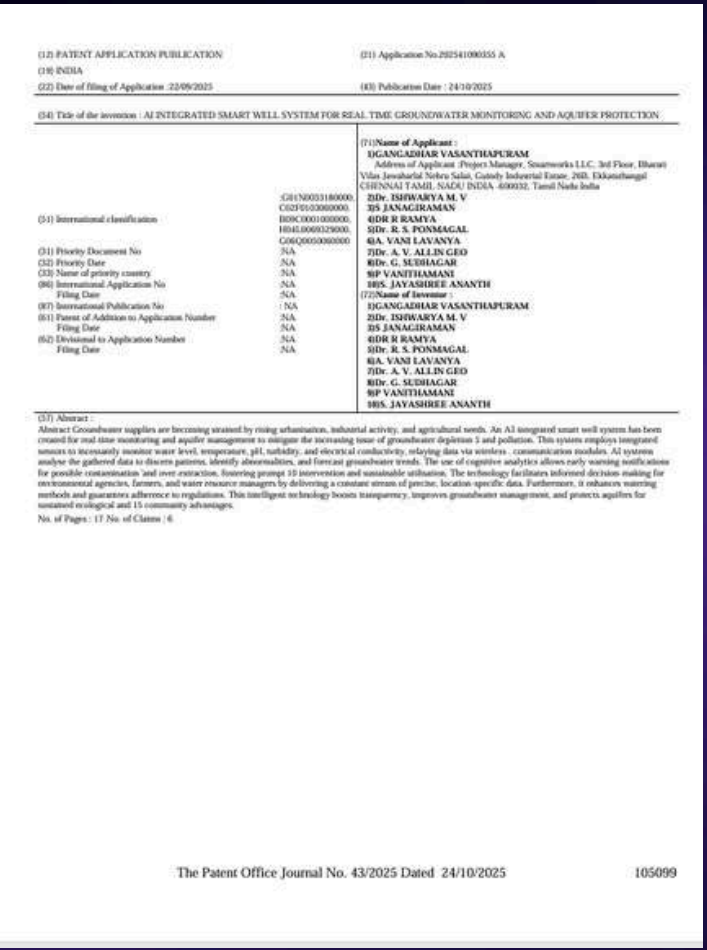
Address of Applicant :PROFESSOR & HEAD DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION, NEHRU SCHOOL OF MANAGEMENT, @ NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE, PAMPADY, THIRUVILLWAMALA, KERALA 680588 Kerala India
2)Dr. Trushna Vinod Kandalkar
3)Dr. Shobha Santosh Jagtap
4)Rajiv Kumar Nath
5)Kumari Deepika P
6)Dr. Rohini G
(72)Name of Inventor :
1)DR.KRISHNA KUMAR T.P
2)Dr. Trushna Vinod Kandalkar
3)Dr. Shobha Santosh Jagtap
4)Rajiv Kumar Nath
5)Kumari Deepika P
6)Dr. Rohini G

(57) Abstract :
Abstract The present invention discloses an AI driven consumer behavior prediction engine for adaptive digital marketing campaigns. The system collects consumer data from multiple heterogeneous sources including browsing history, purchase records, demographics, and social media interactions. A preprocessing and feature engineering module generates structured features which are analyzed by a hybrid prediction engine employing artificial intelligence models such as recurrent neural networks, transformerbased architectures, classification algorithms, and reinforcement learning. Based on predicted consumer intent, preferences, and conversion likelihood, an adaptive campaign management module autonomously modifies digital marketing parameters including advertisements, pricing strategies, promotional offers, and communication channels in real time. A feedback module monitors consumer responses and continuously updates the prediction engine to refine accuracy and prevent model drift. The invention enables real-time personalization, improved consumer engagement, optimized marketing expenditures, and compliance with data privacy standards, thereby representing a significant advancement over conventional static marketing systems
No. of Pages : 15 No. of Claims : 6

The Patent Office Journal No. 43/2025 Dated 24/10/2025 105278

Ms. S. Kumari Deepika, along with co-inventors Dr. Krishna Kumar T.P, Dr. Trushna Vinod Kandalkar, Dr. Subsha Santosh Jagtap, Rajiv Kumar Nath, and Dr. Rohini G, has successfully published a patent titled "AI-Driven Consumer Behavior Prediction Engine for Adaptive Digital Marketing Campaigns." This innovative invention focuses on developing an AI-based prediction engine that enhances digital marketing efficiency through intelligent data-driven insights. The system integrates data from multiple sources, including browsing history, purchase behavior, demographics, and social media interactions. By utilizing advanced AI models such as recurrent neural networks, transformers, and reinforcement learning, it predicts consumer preferences and intent with precision. The engine dynamically adapts marketing parameters such as advertisements, pricing, and promotions in real time, guided by a feedback loop that refines accuracy continuously. This breakthrough enables real-time personalization, improved consumer engagement, and optimized marketing performance. The patent represents a significant advancement in adaptive and intelligent marketing systems, contributing greatly to AI-driven business analytics and customer relationship management.

Faculty Patent Publication



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2025
(21) Application No.202541090355 A
(43) Publication Date : 24/10/2025

(54) Title of the invention : AI INTEGRATED SMART WELL SYSTEM FOR REAL TIME GROUNDWATER MONITORING AND AQUIFER PROTECTION

(51) International classification
:G01N0033180000, C02F0103000000, H04N0007180000, G06Q0050060000
(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

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2)Dr. ISHWARYA M. V
3)S JANAGIRAMAN
4)DR R RAMYA
5)Dr. R. S. PONMAGAL
6)A. VANI LAVANYA
7)Dr. A. V. ALLIN GEO
8)Dr. G. SUDHAGAR
9)P VANITHAMANI
10)S. JAYASHREE ANANTH
(72)Name of Inventor :
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2)Dr. ISHWARYA M. V
3)S JANAGIRAMAN
4)DR R RAMYA
5)Dr. R. S. PONMAGAL
6)A. VANI LAVANYA
7)Dr. A. V. ALLIN GEO
8)Dr. G. SUDHAGAR
9)P VANITHAMANI
10)S. JAYASHREE ANANTH

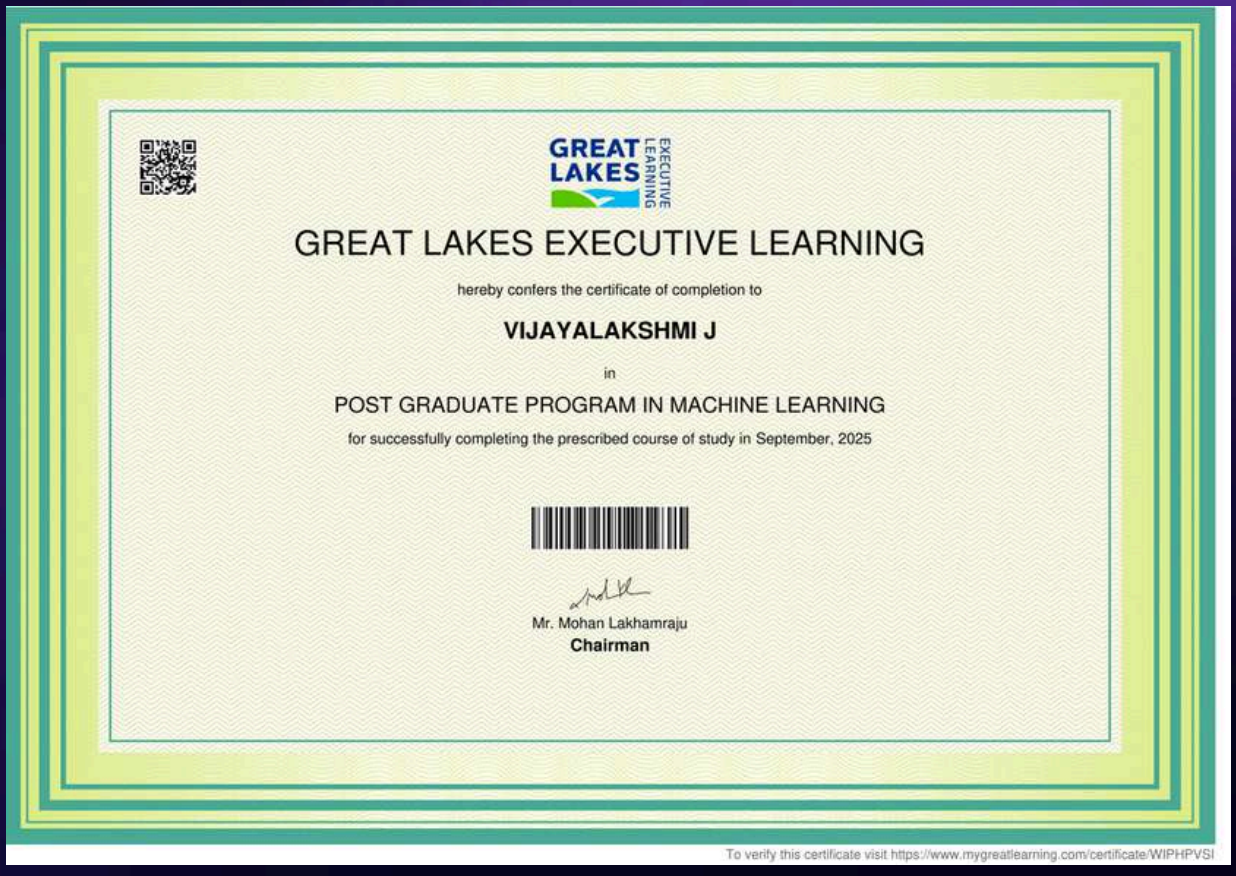
(57) Abstract :
Abstract Groundwater supplies are becoming strained by rising urbanisation, industrial activity, and agricultural needs. An AI integrated smart well system has been created for real time monitoring and aquifer management to mitigate the increasing issue of groundwater depletion 1 and pollution. This system employs integrated sensors to incessantly monitor water level, temperature, pH, turbidity, and electrical conductivity, relaying data via wireless . communication modules. AI systems analyse the gathered data to discern patterns, identify abnormalities, and forecast groundwater trends. The use of cognitive analytics allows early warning notifications for possible contamination and over-extraction, fostering prompt 10 intervention and sustainable utilisation. The technology facilitates informed decision-making for environmental agencies, farmers, and water resource managers by delivering a constant stream of precise, location specific data. Furthermore, it enhances watering methods and guarantees adherence to regulations. This intelligent technology boosts transparency, improves groundwater management, and protects aquifers for sustained ecological and 15 community advantages.
No. of Pages : 17 No. of Claims : 6

The Patent Office Journal No. 43/2025 Dated 24/10/2025 105099

Dr. R. Ramya, along with co-inventors Jaganadhar Vasanthapuram, Dr. Ishwaryan V. M, Jasigrahavan, Dr. R. S. Ponmgal, G. Sudhakar, Dr. A. V. Allin Geo, G. Vasanthamani, and J. Jayashree Ananthi, has successfully published a patent titled "AI-Integrated Smart Well System for Real-Time Groundwater Monitoring and Aquifer Protection." This innovative system addresses the growing challenges of groundwater depletion and pollution caused by urbanization, industrialization, and agricultural expansion. The invention employs integrated sensors to continuously monitor water parameters such as level, temperature, pH, turbidity, and conductivity, transmitting data through wireless communication modules. Using AI-driven cognitive analytics, the system detects abnormalities, predicts groundwater trends, and identifies contamination risks in real time. This intelligent model aids environmental agencies, farmers, and water resource managers by providing precise, location-specific data for sustainable water utilization. The technology enhances transparency, ensures regulatory compliance, and promotes efficient water management, offering a significant contribution toward sustainable groundwater conservation and ecological balance.

Faculty Achievement

Dr. Vijayalakshmi J has successfully completed the Post Graduate Program in Machine Learning from Great Lakes Executive Learning in September 2025. This program provided in-depth knowledge and practical exposure to advanced concepts in Machine Learning. Through this course, she demonstrated strong analytical and problem-solving skills, mastering various algorithms and real-world applications. The certification reflects her commitment to continuous professional growth and her enthusiasm for emerging technologies. Her accomplishment showcases her ability to apply machine learning techniques effectively in solving complex problems. This achievement also highlights her dedication to enhancing her technical expertise. We congratulate Ms. Vijayalakshmi J on completing this prestigious program and wish her continued success in her future endeavors.



Faculty Achievement

Mr. K. Vinodh Kumar has successfully completed Google's Gemini Academy 2025 program, demonstrating his commitment to continuous learning and professional excellence. The certificate of completion was presented by Google on October 8, 2025, in collaboration with CloudReign Technologies. This achievement highlights his dedication to exploring and mastering advanced AI tools and technologies. Through the Gemini Academy program, he gained valuable insights into Google's latest innovations in artificial intelligence and data-driven problem-solving. His participation reflects a strong interest in applying emerging technologies to enhance educational and research outcomes. The program also strengthened his technical and analytical skills essential for the modern AI landscape. Mr. Vinodh Kumar's successful completion of this program is a testament to his passion for innovation and lifelong learning. We commend him for this noteworthy achievement and wish him continued success in his academic and professional pursuits.

Faculty Achievement – Resource Person

Dr. A. S. Nisha, Associate Professor in the Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, served as the resource person for the Six-Day Faculty Development Programme on "Emerging Key Technologies in AI and IoT," organized by the Department of Artificial Intelligence and Data Science at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai. The event was held from 5th to 10th October 2025 and focused on exploring advancements in artificial intelligence and the Internet of Things. Dr. Nisha delivered her expert session on "From Curiosity to Creation: The Rise of Generative AI" on Day 5 of the programme. Her session provided valuable insights into the evolution and applications of Generative AI in modern technology. The FDP aimed to enhance faculty knowledge in cutting-edge AI domains, encouraging innovation and research-oriented learning.

Faculty Achievement – Best Faculty Award

Mr. K. Vinodh Kumar, Assistant Professor in the Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, Chennai, Tamil Nadu, has been honoured with the "Best Faculty of the Year Award." The recognition was presented by the National Institute for Research and Development, India (NIRDI) in association with LKP Academy. The award was conferred during the Dr. B.R. Ambedkar Academic Excellence Awards 2025 held on 28th September 2025. This prestigious honour acknowledges his outstanding contributions to teaching, research, and academic excellence. It reflects his dedication to advancing knowledge in Artificial Intelligence and Data Science. His consistent efforts towards student development and innovative teaching methodologies have set a remarkable example. The award celebrates his commitment to academic growth and professional excellence. We extend our heartfelt congratulations to him for this well-deserved recognition and wish him continued success in his academic journey.

Staff Achievements

Ms. J. C. Divya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IEEE
DEPARTMENT OF CSBS
Certificate No :2114103
CERTIFICATE
of PARTICIPATION
This is to Certify that **Ms. J. C. Divya, Assistant professor**
from **St. Joseph's College of Engineering**
has participated in One Week FACULTY DEVELOPMENT PROGRAM (FDP) on **"EMERGING TRENDS AND RESEARCH OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE"**
held from 13-10-2025 to 18-10-2025 organized by Panimalar Engineering College, Chennai.
Coordinator
Dr.T.Vignesh
Professor, CSBS
Coordinator
Mr.A.Arun
Asst Prof, CSBS
CSBS
Convener
Dr.D.Anuradha
Professor & Head, CSBS

Ms. J. C. Divya, Assistant Professor, has successfully participated and completed the Faculty Development Programme (FDP) on "Emerging Trends and Research Opportunities in Artificial Intelligence" organized by Panimlar Engineering College, Chennai, from 13th October 2025 to 18th October 2025. This FDP provided valuable insights into the latest advancements and research avenues in Artificial Intelligence. Her active participation demonstrates her dedication to continuous learning and academic excellence. We congratulate her on this achievement and wish her continued success in her professional journey.

Mrs. Kavitha G


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Certificate
Ranjeeth
Assistant Professor Level (AICTE Institute) Coordinator
BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN
Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Mrs. Kavitha G, Assistant Professor, has successfully participated and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "AI & ML Applications in NextGen Wireless Communications of 5G & 6G." The FDP was organized by BVRIT Hyderabad College of Engineering for Women and conducted from 6th October 2025 to 11th October 2025. This accomplishment reflects her commitment to continuous professional growth and her enthusiasm for exploring emerging technologies in Artificial Intelligence and Wireless Communication. We congratulate her on this achievement and wish her continued success in her academic and research pursuits.

Staff Achievements

Mrs. Kavitha G


Vel Tech Multi Tech
Dr Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution
(Approved by AICTE , New Delhi & Affiliated to Anna University, Chennai)

CERTIFICATE
OF PARTICIPATION

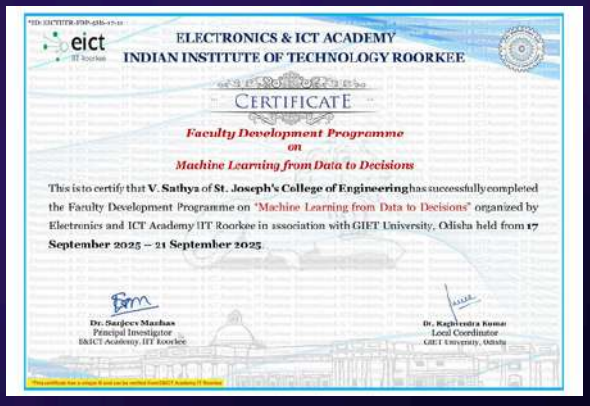
Mrs.KAVITHA G, Assistant Professor / Artificial Intelligence and Data Science
St. Joseph's College of Engineering

has successfully completed the six days Faculty Development Programme on **"Emerging Key Technologies in AI and IoT"**, organized by the Department of Artificial Intelligence and Data Science, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai, held from 6th October to 11th October 2025.

COORDINATOR HOD – AI & DS PRINCIPAL

Mrs. Kavitha G, Assistant Professor, Department of Artificial Intelligence and Data Science, has successfully participated and completed the Faculty Development Programme (FDP) on "Emerging Key Technologies in AI and IoT." The FDP was organized by the Department of Artificial Intelligence and Data Science, Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, and conducted from 6th October 2025 to 11th October 2025. This accomplishment showcases her dedication to advancing her expertise in Artificial Intelligence and the Internet of Things. We appreciate her commitment to continuous professional growth and extend our best wishes for her future endeavors.

Ms. V. Sathya


eict IIT Roorkee
ELECTRONICS & ICT ACADEMY
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

CERTIFICATE

Faculty Development Programme
on
Machine Learning from Data to Decisions

This is to certify that **V. Sathya** of **St. Joseph's College of Engineering** has successfully completed the Faculty Development Programme on "Machine Learning from Data to Decisions" organized by Electronics and ICT Academy IIT Roorkee in association with GIET University, Odisha held from **17 September 2025 – 21 September 2025**

Dr. Sarjeev Mathas
Principal Investigator
ESICT Academy, IIT Roorkee

Dr. Raghvendra Kumar
Local Coordinator
GIET University, Odisha

Ms. V. Sathya, Assistant Professor at St. Joseph's College of Engineering, has successfully participated and completed the Faculty Development Programme on "Machine Learning from Data to Decisions," organized by the Electronics and ICT Academy, IIT Roorkee, in association with GIET University, Odisha, held from 17th September 2025 to 21st September 2025. This accomplishment highlights her dedication to continuous professional development and her enthusiasm for advancing knowledge in the field of Machine Learning and Data-Driven Decision Making. We congratulate her on this achievement and wish her continued success in her academic and research endeavors.

Staff Achievements

Mrs. Sivaprabha T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IEEE
Certificate No :2114090
CERTIFICATE
of PARTICIPATION
This is to Certify that Mrs. T. Sivaprabha
from Assistant Professor, St. Joseph's College Of Engineering
has participated in One Week FACULTY DEVELOPMENT PROGRAM (FDP) on "EMERGING TRENDS AND RESEARCH OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE"
held from 13-10-2025 to 18-10-2025 organized by Panimalar Engineering College, Chennai.
Coordinator Dr.T.Vignesh Professor, CSBS
Coordinator Mr.A.Arun Asst Prof, CSBS
CSBS
Convener Dr.D.Anuradha Professor & Head, CSBS

Mrs. T. Sivaprabha, Assistant Professor at St. Joseph's College of Engineering, has successfully participated and completed the One Week Faculty Development Programme on "Emerging Trends and Research Opportunities in Artificial Intelligence," organized by the Department of CSBS, Panimalar Engineering College, Chennai, from 13th October 2025 to 18th October 2025. This achievement demonstrates her commitment to continuous professional growth and her keen interest in exploring advancements and research possibilities in the field of Artificial Intelligence. We congratulate her on this accomplishment and wish her continued success in her academic and research endeavors.

Mr. Sugin V


SATHYABAMA
(DEEMED TO BE UNIVERSITY)
INSTITUTE OF SCIENCE AND TECHNOLOGY
CATEGORY 1 UNIVERSITY BY UGC
SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF COMPUTER APPLICATIONS
CERTIFICATE
OF PARTICIPATION
Mr. SUGIN S.V
Has participated on Faculty Development Programme on topic "PROMPT ENGINEERING AND APPLICATIONS OF LLMs IN REAL WORLD DOMAIN" held from 18 Aug to 22 Aug - 2025 organized by Department of Computer Applications, Sathyabama Institute Of Science and Technology.
DEAN
HOD

Mr. Sugin S.V, Assistant Professor at St. Joseph's College of Engineering, has successfully participated and completed the Faculty Development Programme on "Prompt Engineering and Applications of LLMs in Real World Domain," organized by the Department of Computer Applications, School of Science and Humanities, Sathyabama Institute of Science and Technology, held from 18th August 2025 to 22nd August 2025. This achievement reflects his dedication to enhancing his expertise in cutting-edge technologies and his commitment to exploring innovative applications of Large Language Models in real-world contexts.

Staff Achievements

Mr. K. Vinodhkumar


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DEPARTMENT OF CSBS
Certificate No :2114002
CERTIFICATE
of PARTICIPATION
This is to Certify that Mr.K.Vinodhkumar
from Assistant Professor, St.Josephs College of Engineering
has participated in One Week FACULTY DEVELOPMENT PROGRAM (FDP) on "EMERGING TRENDS AND RESEARCH OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE"
held from 13-10-2025 to 18-10-2025 organized by Panimalar Engineering College, Chennai.
Coordinator
Dr.T.Vignesh
Professor, CSBS
Coordinator
Mr.A.Arun
Asst Prof, CSBS
Convener
Dr.D.Anuradha
Professor & Head, CSBS

Mr. K. Vinodhkumar, Assistant Professor at St. Joseph's College of Engineering, has successfully participated and completed the Faculty Development Programme on "Emerging Trends and Research Opportunities in Artificial Intelligence," organized by the Department of Computer Science and Business Systems, Panimalar Engineering College, Chennai, held from 13th October 2025 to 18th October 2025. This achievement reflects his commitment to advancing his knowledge in emerging technologies and his dedication to exploring innovative research opportunities in the field of Artificial Intelligence. We congratulate him on this accomplishment and wish him continued success in his academic and professional endeavors.

Mr. Sugin V


ATAL/2025/1757341182
Skill India
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VISHNU
BVRIT
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi -110070
AICTE Training and Learning (ATAL) Academy
Certificate
Ranjeeth
Assistant Professor Level (AICTE Institute) Coordinator
BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN
Dr. Satil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Mr. Sugin S.V, Assistant Professor at St. Joseph's College of Engineering, has successfully participated and completed the One Week Faculty Development Programme on "Recent Advancements in Artificial Intelligence (AI) & Machine Learning (ML)," organized by the Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, in association with STEP – National Institute of Technology, Surathkal, and Pantech eLearning. The programme was conducted from 30th June 2025 to 4th July 2025. This achievement highlights his dedication to continuous learning and his commitment to advancing knowledge in the fields of Artificial Intelligence and Machine Learning. We extend our congratulations to him on this accomplishment and wish him continued success in his academic and professional journey.

Staff Achievements

Mrs. B. Arunmozhikalanchiam


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CERTIFICATE
of PARTICIPATION
This is to Certify that Mrs. B. Arunmozhikalanchiam
from Assistant Professor, St.Joseph's College of Engineering
has participated in One Week FACULTY DEVELOPMENT PROGRAM (FDP) on "EMERGING TRENDS AND RESEARCH OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE"
held from 13-10-2025 to 18-10-2025 organized by Panimalar Engineering College, Chennai.
Coordinator Dr.T.Vignesh Professor, CSBS
Coordinator Mr.A.Arun Asst Prof, CSBS
CSBS
Convener Dr.D.Anuradha Professor & Head, CSBS

Mrs. B. Arunmozhikalanchiam, Assistant Professor at St. Joseph's College of Engineering, has actively participated in a One Week Faculty Development Programme (FDP) on "Emerging Trends and Research Opportunities in Artificial Intelligence." The FDP was organized by the Department of Computer Science and Business Systems (CSBS) at Panimalar Engineering College, Chennai, from 13th October 2025 to 18th October 2025. TThe event was coordinated by Dr. T. Vignesh and Mr. A. Arun, under the guidance of Dr. D. Anuradha, Professor and Head, CSBS Department.

Ms. D. Evangeline Nesa Priya


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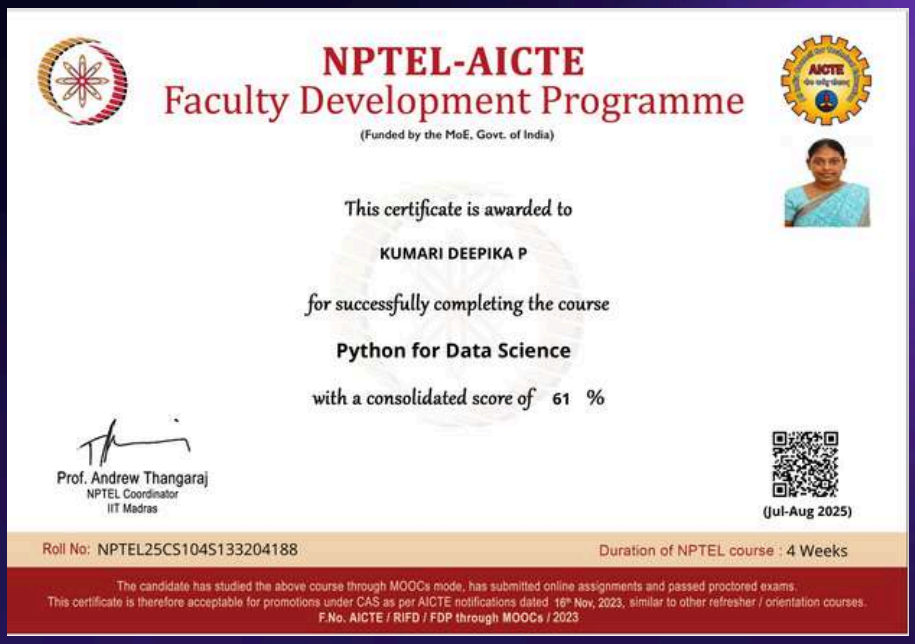
CERTIFICATE
of PARTICIPATION
This is to Certify that Ms. D. Evangeline Nesa Priya
from Assistant Professor, St. Joseph's College of Engineering
has participated in One Week FACULTY DEVELOPMENT PROGRAM (FDP) on "EMERGING TRENDS AND RESEARCH OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE"
held from 13-10-2025 to 18-10-2025 organized by Panimalar Engineering College, Chennai.
Coordinator Dr.T.Vignesh Professor, CSBS
Coordinator Mr.A.Arun Asst Prof, CSBS
CSBS
Convener Dr.D.Anuradha Professor & Head, CSBS

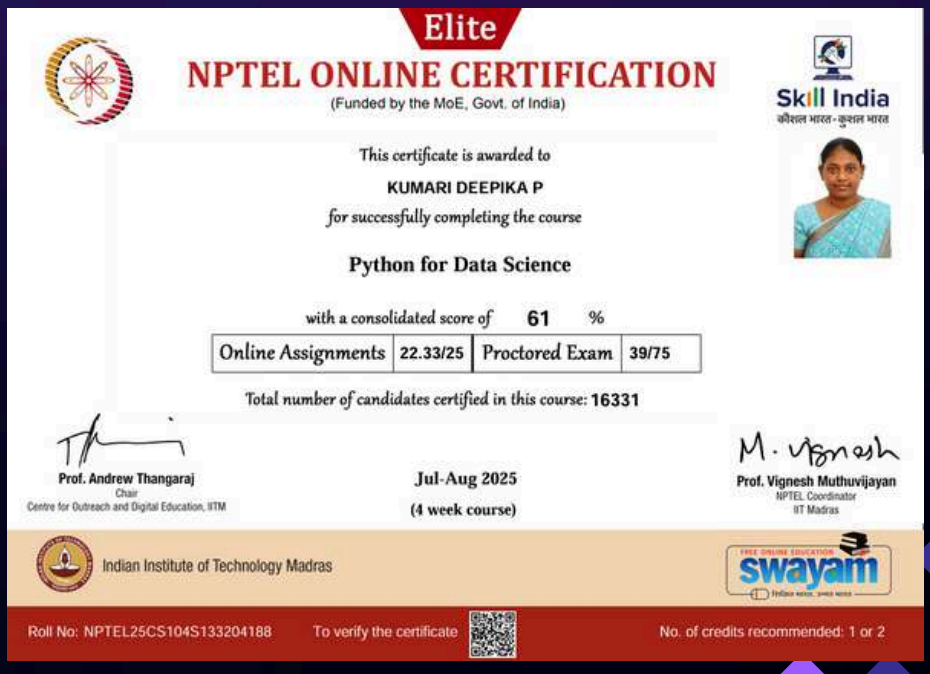
Ms. D. Evangeline Nesa Priya, Assistant Professor at St. Joseph's College of Engineering, has actively participated in a One Week Faculty Development Programme (FDP) on "Emerging Trends and Research Opportunities in Artificial Intelligence." The FDP was organized by the Department of Computer Science and Business Systems (CSBS) at Panimalar Engineering College, Chennai, from 13th October 2025 to 18th October 2025. The programme aimed to explore the latest advancements, challenges, and research directions in Artificial Intelligence, providing a valuable learning experience for faculty members. The event was coordinated by Dr. T. Vignesh and Mr. A. Arun, under the guidance of Dr. D. Anuradha, Professor and Head, CSBS Department.

Staff Achievements in NPTEL

Mrs. Kumari Deepika P

Kumari Deepika P, has successfully completed the NPTEL-AICTE Faculty Development Programme on "Python for Data Science," conducted by the Indian Institute of Technology Madras and funded by the Ministry of Education, Government of India. The course was offered through the SWAYAM platform during July–August 2025. She earned a consolidated score of 61%, with 22.33 out of 25 in online assignments and 39 out of 75 in the proctored examination. The certification was coordinated by Prof. Andrew Thangaraj and Prof. Vignesh Muthuvijayan, IIT Madras. Her participation reflects her commitment to enhancing technical expertise and continuous professional development. This achievement is recognized under AICTE's Faculty Development Programme initiatives for professional growth.

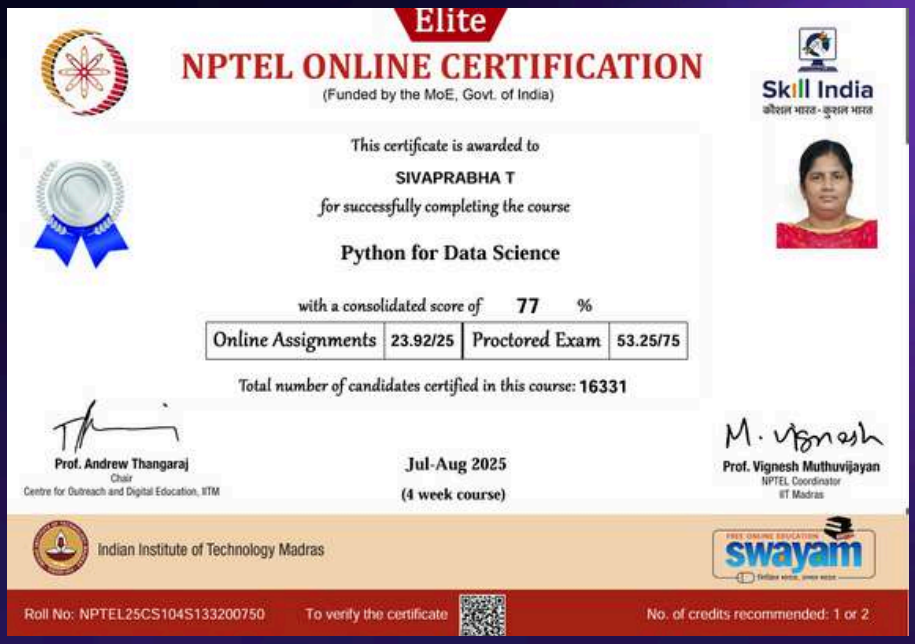


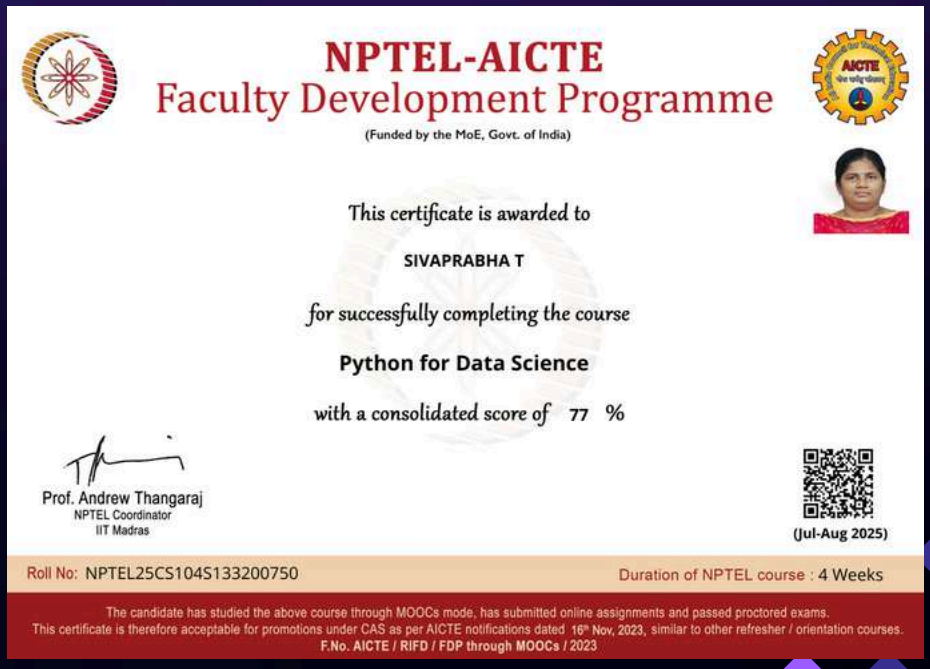


Staff Achievements in NPTEL

Mrs. Sivaprabha T

Ms. Sivaprabha T has successfully completed the NPTEL-AICTE Faculty Development Programme on "Python for Data Science," conducted by the Indian Institute of Technology Madras and funded by the Ministry of Education, Government of India. The course was offered through the SWAYAM platform during July–August 2025 as a four-week FDP. She achieved the Elite + Silver certification with a consolidated score of 77%, securing 23.92 out of 25 in online assignments and 53.25 out of 75 in the proctored examination. The certification was coordinated by Prof. Andrew Thangaraj and Prof. Vignesh Muthuvijayan from IIT Madras. This achievement highlights her commitment to continuous professional development and excellence in teaching and learning.

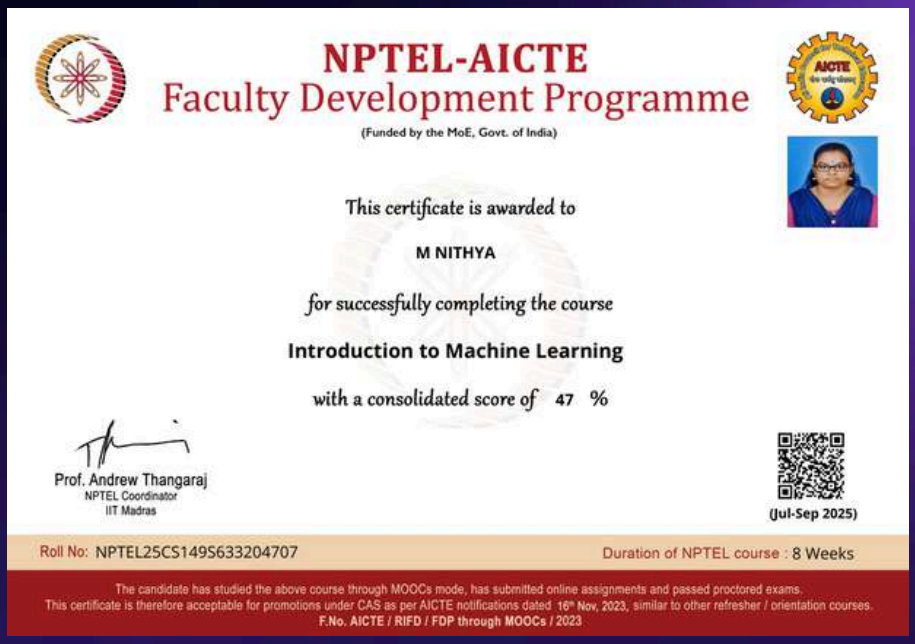




Staff Achievements in NPTEL

Ms. Nithya M

Ms. M. Nithya has successfully completed the NPTEL-AICTE Faculty Development Programme on "Introduction to Machine Learning," conducted by the Indian Institute of Technology Kharagpur and funded by the Ministry of Education, Government of India. The course was offered through the SWAYAM platform during July–September 2025 as an eight-week FDP. She achieved a consolidated score of 47%, securing 15.83 out of 25 in online assignments and 31.63 out of 75 in the proctored examination. It emphasized hands-on learning and real-world problem-solving skills. The certification was coordinated by Prof. Haimanti Banerji from IIT Kharagpur. This achievement reflects her sincere effort and active participation in enhancing her technical knowledge in the field of machine learning.


NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

M NITHYA

for successfully completing the course

Introduction to Machine Learning

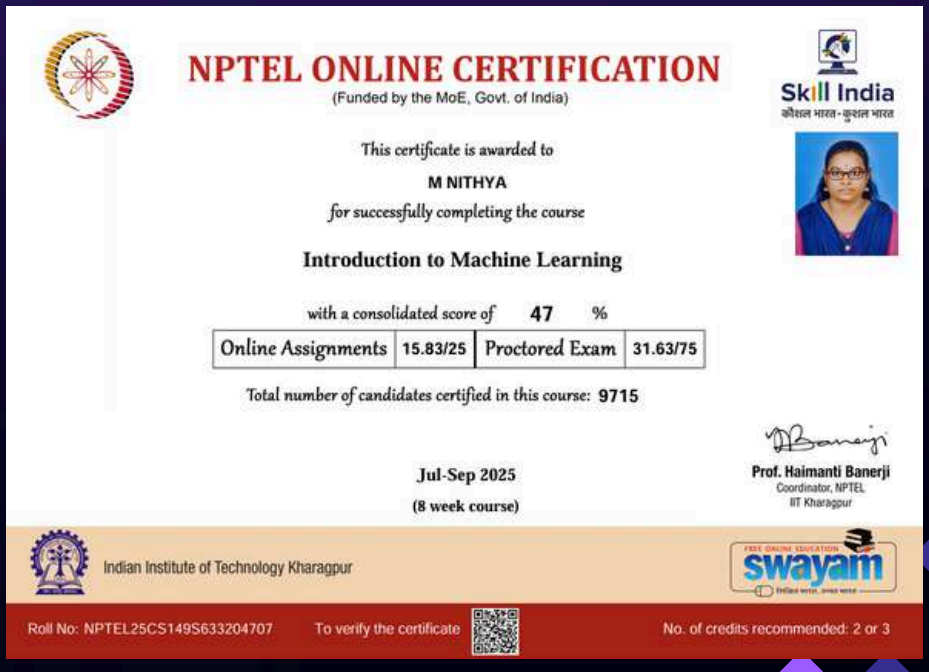
with a consolidated score of 47 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2025)

Roll No: NPTEL25CS149S633204707 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023


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

Skill India
कौशल भारत-कुशल भारत

This certificate is awarded to

M NITHYA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of 47 %

Online Assignments	15.83/25	Proctored Exam	31.63/75

Total number of candidates certified in this course: 9715

Jul-Sep 2025
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25CS149S633204707 To verify the certificate No. of credits recommended: 2 or 3

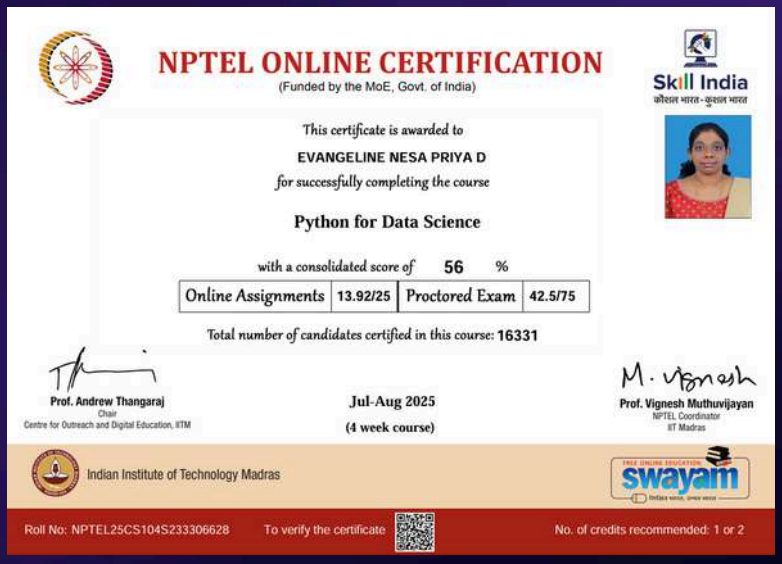
Staff Achievements in NPTEL

Mr. Vijay A has successfully completed the NPTEL Online Certification course on Introduction to Machine Learning, conducted by the Indian Institute of Technology, Kharagpur under the SWAYAM platform, funded by the Ministry of Education, Government of India. The course was held during July to September 2025 for a duration of 8 weeks. He achieved a consolidated score of 68%, comprising 23.75/25 in online assignments and 43.75/75 in the proctored exam. The certification has been classified as Elite, recognizing his commendable performance. A total of 9715 candidates were certified in this course. The achievement was coordinated by Prof. Haimanti Banerji, NPTEL, IIT Kharagpur.

Ms. Arunmozhikalanchiam has successfully completed the NPTEL Online Certification course on Python for Data Science, conducted by the Indian Institute of Technology, Madras through the SWAYAM platform, funded by the Ministry of Education, Government of India. The course was offered during July to August 2025 for a duration of 4 weeks. She secured a consolidated score of 52%, including 21.5/25 in online assignments and 30.87/75 in the proctored exam. A total of 16,331 candidates were certified in this course. The certification was coordinated by Prof. Vignesh Muthuvijayan and Prof. Andrew Thangaraj, IIT Madras, recognizing her successful completion and understanding of Python applications in data science.

Staff Achievements in NPTEL

Ms. Divya J C has successfully completed the NPTEL Online Certification course on Introduction to Machine Learning, offered by the Indian Institute of Technology, Kharagpur through the SWAYAM platform, funded by the Ministry of Education, Government of India. The course was conducted from July to September 2025 for a duration of 8 weeks. She secured a consolidated score of 55%, including 23.33/25 in online assignments and 31.63/75 in the proctored examination. A total of 9715 candidates were certified in this course. The certification was coordinated by Prof. Haimanti Banerji, NPTEL, IIT Kharagpur, marking her successful completion and understanding of fundamental concepts in Machine Learning.



Ms. Evangeline Nesa Priya D has successfully completed the NPTEL Online Certification course on Python for Data Science, conducted by the Indian Institute of Technology, Madras through the SWAYAM platform, funded by the Ministry of Education, Government of India. The course was offered during July to August 2025 for a duration of 4 weeks. She secured a consolidated score of 56%, with 13.92/25 in online assignments and 42.5/75 in the proctored examination. A total of 16,331 candidates were certified in this course. The certification was coordinated by Prof. Vignesh Muthuvijayan and Prof. Andrew Thangaraj, IIT Madras, recognizing her successful completion and understanding of Python applications in data science.

Academic Excellence

The outstanding students of the Department of Artificial Intelligence & Data Science (Batch 2021–2025) at St. Joseph's College of Engineering have been congratulated for securing a remarkable CGPA of 8.5 and above up to the VIII semester. A benchmark of excellence has been set in the department through their consistent hard work, dedication, and academic brilliance. These achievements have been made possible not only by individual commitment but also by the collective efforts of the faculty and the institution in nurturing future innovators. May they continue to shine and inspire!

Academic Excellence

The students of the Department of Artificial Intelligence & Data Science (Batch 2022–2026) at St. Joseph's College of Engineering have been acknowledged for securing an impressive CGPA of 8.5 and above up to the VI semester. This achievement has been made possible through consistent effort, determination, and a drive for academic success.

Their performance stands as a reflection of the quality education and strong mentorship provided by the department and the institution. These young achievers have truly set a high standard of excellence and continue to inspire their peers.

Academic Excellence

The students of the Department of Artificial Intelligence & Data Science (Batch 2023–2027) at St. Joseph's College of Engineering have been commended for achieving a CGPA of 8.5 and above up to the IV semester. This accomplishment has been made possible through their dedication, persistence, and academic discipline.

The recognition stands as a reflection of their strong foundational knowledge and the academic environment fostered by the institution. These emerging talents are setting the stage for future success and continue to uphold the department's standards of excellence.

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https://youtube.com/@hodadssjce?si=GJ9mCUEzMe1d-FHv

https://www.linkedin.com/company/department-of-artificialintelligence-and-data-science-sjce/

https://www.instagram.com/ads_department_sjceutm_source=qr&igsh=amo2ZXJyc3BpNnRh

Visit our Website: https://stjosephs.ac.in/DW/ADS/index.html

THANK YOU