NEWS Letter

Dec 2025

JEPPIAAR
INSTITUTE OF TECHNOLOGY
JiT

SRIPERUMBUDUR
ESTD. 2011

(An Autonomous Institution)

NAAC
A+
ACCREDITED WITH GRADE

NBA
NATIONAL BOARD
of ACCREDITATION

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

DNV·GL
MANAGEMENT SYSTEM CERTIFICATION
ISO 9001-2015

CII

IndPact

AICTE

JEPPIAAR
INSTITUTE OF TECHNOLOGY
JIT

Self Belief | Self Discipline | Self Respect

SRIPERUMBUDUR
ESTD. 2011

(An Autonomous Institution)

DEPARTMENT

OF IT

DEPARTMENT NEWS

DEPARTMENT OF IT

Date: 10 December 2025

Jeppiaaar Institute of Technology Signs MoU with Retech Solutions Pvt. Ltd

Jeppiaaar Institute of Technology has taken another significant step toward strengthening industry–academia collaboration by signing a Memorandum of Understanding (MoU) with Retech Solutions Private Limited on 10th December 2025.

The MoU aims to foster a strong partnership between the institution and the industry, focusing on enhancing students' technical skills and improving their employability. Through this collaboration, both organizations will work together in areas such as:
Industry-oriented training programs Skill development initiatives
Workshops and seminars by industry experts
Internship and placement support
Knowledge sharing and collaborative projects

This collaboration reflects Jeppiaaar Institute of Technology's commitment to providing students with practical exposure and aligning academic learning with current industry requirements. The partnership with Retech Solutions Pvt. Ltd. is expected to create valuable opportunities for
students and faculty members alike.

The institute looks forward to a productive and mutually beneficial association that contributes to innovation, professional growth, and
academic excellence.

Jeppiaaar Institute of Technology looks forward to a long-term and mutually beneficial association with Retech Solutions Pvt. Ltd., paving the way for student success and professional
growth.

Technical Seminar

Next Gen Innovation –
Unleashing AI with Advanced Processors, Memory Storage and NVIDIA GPU Computing

Speaker:
Mr. Shriram Ragupathy AIML Research Engineer
Retech Group of Companies, Chennai
Date: 10th December 2025
Venue: Jeppiaaar Institute of Technology Campus
Organized by:
Department of Information Technology Institution Innovation Club

Jeppiaaar Institute of Technology successfully organized a technical seminar titled "Next Gen Innovation – Unleashing AI with Advanced Processors, Memory Storage and NVIDIA GPU Computing" on 10th December 2025. The seminar focused on emerging innovations in Artificial Intelligence and high-performance computing technologies.

Key Highlights
Overview of next-generation AI innovations
Role of advanced processors and memory storage in AI systems NVIDIA GPU computing and its real-world applications
Industry insights on AI and Machine Learning trends
Career guidance and industry expectations

Outcome:

The seminar provided valuable industry exposure to students and enhanced their understanding of cutting-edge AI technologies. The interactive session encouraged innovative thinking and inspired students to explore research and development opportunities in Artificial Intelligence and Machine Learning.

The event was a great success, reinforcing the institute's commitment to promoting innovation, technical excellence, and industry-oriented learning through expert-led sessions.

Technical Seminar

Innovation Powered by Big Data:A New Era of Smart Decision Making

Speaker:
Dr. Gogulakrishna S Assistant Professor
Researcher in AI &Cloud Computing 19 Years of Academic Experience Department of Computer Science Dayananda Sagar University,
Bengaluru

Organized by:
Department of Information Technology

Faculty Coordinators
Mrs. D. Kanmani, AP / IT
Mrs. V. Shanmugapriya, AP / IT

Student Coordinator
M. Eswari, II Year

The Department of Information Tedhnology presented a technical seminar titled "Innovation powered by Big Data: A new era of Smart Decision Making." The Seminar focused on the transformative role of Big Data in driving intelligent decision-making across industries.

Key Highlights:
Fundamentals and evolution of Big Data
Smart decision-making using data analytics
Integration of Big Data with AI and Cloud Computing
Real-world industry use cases
Research and career opportunities in data-driven technologies

Outcome
The session enriched students' understanding of data-driven innovation and inspired them to explore emerging technologies in Big Data, Artificial Intelligence, and Cloud Computing. The seminar successfully bridged academic concepts with industry applications.

The seminar was highly informative and interactive, contributing significantly to the technical knowledge and professional development of the participants.

Technical Seminar

Core Subject: Introduction to AI Concepts

Speaker:
Mr. P. Keerthi Narayanan Web Developer and Designer
Wit Spades Private Limited, Chennai

Date: 15th December 2025 Mode: Virtual Mode

Organized by:
Department of Information Technology Institution Innovation Council (IIC)

The Department of Information Technology, in collaboration with the Institution Innovation Council (IIC), organized a virtual seminar on the core subject "Introduction to AI Concepts" on 15th December 2025. The seminar was conducted to provide students with a foundational understanding of Artificial Intelligence and its growing importance in today's technology-driven world. The speaker explained key AI concepts, basic machine learning ideas, and real-world applications in web development and related domains. The session also highlighted current industry trends and the role of AI in smart systems and automation. Through interactive discussions, the seminar motivated students to explore AI- based technologies and encouraged them to develop innovative thinking and problem- solving skills for future careers.

Key Highlights
Overview of Artificial Intelligence and its applications
Basics of machine learning and intelligent systems
Real-world use cases of AI in web development and design
Industry perspectives on AI-driven technologies
Career opportunities in AI and related domains

Outcome:
The seminar enhanced students' understanding of AI fundamentals and encouraged them to explore advanced concepts in Artificial Intelligence. The interactive virtual session provided valuable industry insights and practical knowledge.

Technical Seminar

Core Subject: Introduction to Generative AI Concepts

Speaker:
Dr. M. Prabha, ME, MBA, Ph.D.
Assistant Professor (AIDS)
Saveetha Engineering College, Chennai

Date: [16th december 2025] Mode: [Virtual]

Organized by:
Department of Information Technology
Institution Innovation Council (IIC)

Faculty Coordinator:
Dr. P. D. Selvam, HOD / IT

The Department of Information Technology, in association with the Institution Innovation Council, conducted a seminar on "Introduction to Generative AI Concepts." Dr. M. Prabha delivered an insightful session covering the fundamentals of Generative AI, its models, and real- world applications. The seminar highlighted emerging trends, ethical considerations, and the role of AI in automation and intelligent systems. Students gained practical insights into how generative models are transforming industries and were encouraged to explore innovation - driven projects in AI.

Technical Workshop

"Driving Innovation through AWS and DevOps Technologies"

About the Workshop

Mr. Sheyam M, an industry expert with significant experience in cloud platforms and DevOps practices, led the session. The workshop provided participants with a deep understanding of:

Cloud computing using Amazon Web Services (AWS)

DevOps workflows and continuous integration/continuous deployment (CI/CD) pipelines

Tools and practices for efficient software development and deployment

Innovative approaches to problem-solving in technology projects

Industry trends and career guidance in cloud computing and DevOps

The session included interactive demonstrations, practical examples, and discussions on real-world scenarios where AWS and DevOps technologies drive innovation in software development and business processes.

The Department of Information Technology continues to promote industry-oriented learning and innovation-driven education through expert-led workshops. Sessions like these provide students with valuable exposure to current technologies, fostering creativity, collaboration, and practical understanding of cutting-edge tools in the IT domain.

Facilitator:

Mr. Sheyam M

Senior Platform Engineer, Dyson, Bangalore

Date: 17th December 2025 Mode: Online

Organized by:

Department of Information Technology

ORPHANAGE VISIT

THIRUVALLUVAR GURUKULAM

Kanchipuram, Tamil Nadu, India 🇮🇳
43, Cv Rajagopal St, Opp. New Police Station, Chinna
Kanchipuram, Nethaji Nagar, Kanchipuram, Tamil Nadu
631501, India
Lat 12.820471° Long 79.718227°
Wednesday, 10/12/2025 06:40 PM GMT +05:30

Kanchipuram, Tamil Nadu, India 🇮🇳
43, Cv Rajagopal St, Opp. New Police Station, Chinna
Kanchipuram, Nethaji Nagar, Kanchipuram, Tamil Nadu
631501, India
Lat 12.820447° Long 79.718227°
Wednesday, 10/12/2025 06:41 PM GMT +05:30

Kanchipuram, Tamil Nadu, India 🇮🇳
43, Cv Rajagopal St, Opp. New Police Station, Chinna
Kanchipuram, Nethaji Nagar, Kanchipuram, Tamil Nadu
631501, India
Lat 12.820466° Long 79.718216°
Wednesday, 10/12/2025 06:46 PM GMT +05:30

Kanchipuram, Tamil Nadu, India 🇮🇳

Thiruvalluvar Gurukulam is a charitable institution that provides a safe, supportive, and nurturing environment for orphaned and underprivileged children. The Gurukulam focuses not only on the basic needs of shelter and food but also emphasizes education, personal development, and holistic growth. Over the years, it has become a beacon of hope for countless children who lack family support, ensuring that they receive the care, guidance, and opportunities necessary to build a better future.

Spreading Smiles and Making a Difference
In its continuous effort to foster social responsibility and community engagement, the students of Jeppiaaar Institute of Technology recently undertook a meaningful initiative by visiting Thiruvalluvar Gurukulam, a renowned orphanage dedicated to providing shelter, care, and support to underprivileged children. This outreach program was organized with the goal of providing daily necessities to the children and contributing positively to their well- being.
The visit took place on 10/12/2025 , where a group of enthusiastic students, guided by faculty coordinators and volunteers, embarked on this social initiative. Equipped with essential supplies, including groceries, personal hygiene items, stationery, and other daily needs, the students aimed to support the orphanage's ongoing efforts in nurturing these children.

Kanchipuram, Tamil Nadu, India 🇮🇳
43, Cv Rajagopal St, Opp. New Police Station, Chinna Kanchipuram, Nethaji Nagar, Kanchipuram, Tamil Nadu 631501, India
Lat 12.820459° Long 79.718218°
Wednesday, 10/12/2025 06:42 PM GMT +05:30

In the weeks leading up to the visit, students from various departments collaborated to organize and collect essential items for donation. The initiative was supported by faculty members who guided students in planning, organizing, and executing the event. Students took the responsibility of identifying the most needed items at the orphanage and ensuring that their contributions were meaningful, practical, and impactful.

The institute is proud of its students' initiative and looks forward to continuing and expanding its outreach programs to positively impact more communities in the future.

The Department of Information Technology at Jeppiaar Institute of Technology remains committed to innovation, knowledgesharing, and industry readiness. As we advance, we continue to empower students with technology and hands-on experiences, shaping future-ready professionals. Stay tuned for more updates!