



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956
VADAPALANI

2026

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
VADAPALANI CAMPUS
FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF
COMPUTER SCIENCE
AND ENGINEERING
(EMERGING
TECHNOLOGIES)**



Impressions

JANUARY - JUNE 2026

**"Innovation
distinguishes
between a leader
and a follower." –
Steve Jobs**





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HOD Front Desk



It gives me immense pleasure to share the vibrant journey and continued growth of the Department of Computer Science and Engineering (Emerging Technologies) at SRM Institute of Science and Technology (SRMIST), Vadapalani Campus.

Our department offers a diverse range of future-ready B.Tech programmes in Computer Science and Engineering with specializations in Artificial Intelligence and Machine Learning (AIML), Big Data Analytics (BDA), Cyber Security, Cloud Computing, and Computer Science and Business Systems (CSBS), along with an M.Tech programme in CSE with specialization in Artificial Intelligence and Machine Learning (AIML). These programmes are thoughtfully designed to provide students with a strong foundation in computer science while equipping them with industry-relevant skills and expertise in emerging technologies

We believe that meaningful education extends beyond the classroom. Through technical symposiums, workshops, seminars, webinars, HR conclaves, conferences, and hands-on learning activities, we create opportunities for students to connect academic knowledge with real-world applications. Our vibrant student community is further strengthened by student-driven clubs such as Next Gen Intelligence, Exadata, White Hat Hacker, and ArrowDev Clubs, along with the ACM Students Chapter and Microsoft Student Chapter. These platforms encourage students to explore new ideas, collaborate, innovate, and develop leadership skills.

Our students continue to make us proud through their achievements in hackathons, technical competitions, research presentations, sports, and cultural events. Peer-learning initiatives, skill-building sessions, and experiential learning activities further empower them to strengthen their programming expertise, explore advanced tools, and stay abreast of next-generation technologies.

With the unwavering support of our dedicated faculty members and strong industry collaborations, we strive to create a dynamic and inclusive learning environment that inspires students to think critically, innovate confidently, and collaborate purposefully.

As we look ahead, our vision remains firmly focused on nurturing innovators, problem-solvers, researchers, and ethical technology leaders who can contribute to the rapidly evolving digital world. We are committed to shaping graduates who are technically proficient, socially responsible, and globally competent, prepared to make meaningful contributions to industry, research, and society.

Best wishes,

Dr. P. Chitra

Head of the Department

Computer Science and Engineering (Emerging Technologies)

SRM IST – Vadapalani Campus

“Cultivating Ideas, Empowering Future Leaders.”



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JAN 2026-JUN 2026

Highlights Of The Department

Alumni Talk on “Tools and Techniques for Data Wrangling”

Alumni Talk



Event Highlights

The Alumni Talk on “Tools and Techniques for Data Wrangling” was organized by the Department of Computer Science and Engineering (Emerging Technologies), SRM Institute of Science and Technology, Vadapalani Campus, Chennai. The session aimed to provide students with practical insights into data wrangling concepts, modern tools, and real-world industry practices

Faculty Coordinator Name:

Dr. K. Meenakshi (Alumni Coordinator / CSE-ETech)

Event Chief Guest / Speaker:

Mr. S. Shirabthinath (Financial Analyst, Freshworks, Chennai)

Key idea

A key problem statement challenged second-year students to develop digital platforms that support heritage-driven entrepreneurship and empowering artisans while preserving cultural authenticity through modern technology.

Outcome

The talk highlighted the importance of data wrangling in modern analytics, providing participants with actionable knowledge of industry tools and real-world workflows. The event successfully bridged academic learning with corporate expectations, offering students direct exposure to alumnus insights.

Student Learning

Students gained practical insights into end-to-end data preparation and cleaning processes, understanding how efficient data wrangling serves as a critical foundational skill across advanced analytics, artificial intelligence, and real-world industry-driven problem-solving. The talk showcased how modern toolstacks and platforms streamline complex data transformation workflows, emphasizing how maintaining high data quality directly improves the overall performance of downstream machine learning models.

Hack for Bharat 2026: Innovating with Indian Traditional Knowledge

Hackathon



Event Highlights

Hack for Bharat 2026, organized on 23rd January 2026 as part of the 77th Republic Day celebrations, was a **Nation-centric pitch competition** and mini-hackathon that encouraged students to develop innovative solutions rooted in Indian Traditional Knowledge (ITK) systems.

Faculty Coordinator Name :

Dr P. Jayanthi & Dr S. Jayalakshmi

Club : White hat hackers club

Key idea

A key problem statement challenged second-year students to develop digital platforms that support heritage-driven entrepreneurship and empowering artisans while preserving cultural authenticity through modern technology.

Student Learning

To effectively address the ongoing market visibility challenges and modern digital adoption barriers faced by traditional artisans, participants proposed innovative platform features, including digital authenticity verification, multilingual user interfaces, immersive storytelling-based product showcases, and fully transparent end-to-end supply-chain tracking systems

Outcome

Through research-driven presentations, conceptual system designs, and collaborative discussions, students demonstrated how technology can empower local communities while preserving India's rich cultural heritage. Overall, Hack for Bharat 2026 successfully fostered innovation, social responsibility, and entrepreneurial thinking by encouraging participants to integrate traditional knowledge with modern digital solutions.

Workshop on “Power BI”

Workshop



Event Highlight

The NextGen Intelligence Club (NIC) of the Department of Computer Science and Engineering (Emerging Technologies), SRM Institute of Science and Technology, Vadapalani Campus, Chennai, organized a workshop on "Power BI" on 9th February 2026 at the NS Lab.

Faculty Coordinator Name:

Dr. K. Meenakshi

Club:

NextGen Intelligence Club (NIC)

Event Chief Guest:

Mr. Gathatharan Kediliappan
(BI & Analytics Manager, Alghaz Holding,
Saudi Arabia)

Key idea

The session was led by Mr. Gathatharan Kediliappan, BI & Analytics Manager at Alghaz Holding, who covered:
Introduction to Power BI and Data Models. Hands-on training on Power BI techniques and best practices, Advanced Power BI applications for real-world data analysis, Practical demonstrations to build interactive dashboards and reports.

Student Learning

The session provided participants with an in-depth understanding of Microsoft Power BI, focusing on data visualization, data modeling, and practical business intelligence applications. Participants gained valuable hands-on exposure to work directly with Power BI tools and explore advanced features.

Outcome

Through interactive discussions and practical exercises, the sessions emphasized the importance of business intelligence in data-driven decision-making, equipping participants with technical competence and practical skills for applying Power BI in real-world scenarios.

Cloud Fundamentals for Building Skills for the Cloud Era

Developers:

Workshop



Event Highlights

The “Cloud Fundamentals for Developers” workshop was successfully conducted on 13 February 2026 to provide students with a strong foundation in cloud computing and its industry applications.

Faculty Coordinator Name :

Dr. Theresa Cenate C. F & Mr. M. Rajavel

Club : ArrowDev Club

Event Chief Guest :

Mr. Ramesh Duraisamy (Senior Enterprise Architect, WESCO)

Student Learning

A hands-on session using Microsoft Azure enabled students to create, configure, and manage cloud resources, offering practical exposure to real-world cloud environments.

Key idea

The session was led by Mr. Ramesh Duraisamy, Senior Enterprise Architect at WESCO, who introduced participants to core cloud concepts, including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), deployment models, scalability, and resource management.

Outcome

Through interactive discussions and practical exercises, participants gained valuable insights into cloud platforms, industry best practices, and emerging technological trends. Overall, the workshop enhanced students' technical competence and industry readiness, equipping them with the essential knowledge and practical skills required for modern cloud-based software development.

Role of Data Science in Industry

Alumni Talk



Event Highlights

The Department of CSE (Emerging Technologies) organized a Skill Development Session on "Role of Data Science in Industry". The session focused on practical applications, real-world case studies, and data-driven strategy. HOD Dr. P. Chitra inaugurated the session and felicitated the guest speaker with a memento.

- **Faculty Coordinator:** Dr. K. Meenakshi (Alumni Coordinator, Dept. of CSE-ETech)
- **Chief Guest:** Ms. R. Anouksha (Data Scientist, Cloud Research, New York)

Key idea

The event was designed as an interactive, alumni-led technical skill session aimed at bridging academic concepts with global industry practices. It focused on core areas including real-time analytics, predictive decision-making frameworks, and digital transformation to align student learning directly with corporate expectations

Outcome

Successfully provided 40 students with actionable technical insights, cloud analytics workflows, and career direction aligned with modern industry expectations

Student Learning

- **Industry Use Cases:** Practical exposure to real-world data implementations.
- **Predictive Models:** Utilizing analytics frameworks to optimize operational efficiency.
- **Business Strategy:** Aligning technical data solutions with enterprise goals.
- **Cloud Environments:** Understanding best practices in cloud-based data ecosystems.

ArcShift Inauguration and GitHub Workshop: Fostering Innovation through Microsoft Technologies

Workshop



Event Highlight

The ArcShift – Microsoft Student Chapter, under the ArrowDev Club, successfully organized its inaugural ceremony along with a workshop on GitHub on 20th February 2026, providing students with valuable exposure to industry-relevant technologies and collaborative software development practices.

Faculty Coordinators :

Dr.S.Jayalakshmi

Student Chapter :

ArcShift Microsoft Student Chapter

Event Chief Guests :

Ms Pooja Giri

(Project Manager, Microsoft, Hyderabad)

Student Learning

- Participants also attended a hands-on workshop on GitHub and GitHub Copilot, which introduced them to version control, collaborative development, and AI-assisted coding tools.
- The event further included inspiring talks on the **Microsoft Learn Student Ambassadors** and **Google Developer Student Clubs** programs, followed by a project presentation showcasing applications built using Microsoft Azure AI and OpenAI technologies.

Key Idea

The event opened with inspiring addresses from the Dean, Vice Principal, and Department Head emphasizing continuous learning and innovation. Subsequently, Pooja Giri V, Project Manager at Microsoft, delivered an insightful session sharing key practical experiences on corporate culture, industry expectations, and essential career growth skills.

Outcome

An interactive technical quiz added to the enthusiasm of the event, which witnessed the participation of over 50 students. Overall, the programme successfully encouraged innovation, technical excellence, and skill development while strengthening students' awareness of emerging Microsoft technologies and developer communities.

Technical Excellence for Career Success

Alumni Talk



Event Highlight

The Department of Computer Science and Engineering (Emerging Technologies) organized a Skill Development Session on "Technical Excellence for Career Success" at SRM Institute of Science and Technology, Vadapalani Campus. The session focused on building robust technical foundations, understanding industry standards, and preparing for competitive technology careers. HOD Dr. P. Chitra inaugurated the session and felicitated the guest speaker with a memento

- **Faculty Coordinator:** Dr. K. Meenakshi (Alumni Coordinator, Dept. of CSE-ETech)
- **Chief Guest:** Ms. Pooja Giri V (Project Manager, Microsoft, Hyderabad)

Key Idea

The event was structured as an interactive alumni-led skill development session focused on bridging academic learning with corporate expectations. It centered on core technical competencies, real-world project execution, continuous learning, and strategic career growth to equip students with the skills needed to excel in today's competitive technology landscape.

Outcome

The session successfully provided 69 undergraduate students with actionable career guidance, real-world project perspectives, and clarity on the technical excellence required to succeed in the tech industry

Student Learning

- **Technical Foundations:** Core technical mastery and the importance of continuous skill development.
- **Industry Expectations:** Insights into essential skill sets required by leading technology organizations.
- **Real-World Problem Solving:** Practical value of hands-on project experience and adopting emerging technologies.
- **Career Growth Strategies:** Actionable professional development tips and career navigation advice drawn from experience at Microsoft

INSPIREX Career Conclave – Navonmesa'26: Bridging Academia and Industry

Symposium



Event Highlight

The INSPIREX Career Conclave – Navonmesa'26, a **national-level technical symposium**, was successfully organized on 25 February 2026, bringing together students from various institutions for a day of learning, innovation, and competition.

Event Faculty Coordinators :

Dr. Theresa Cenate C F, Mr.M. Rajavel

Club : ArrowDev Club

Event Chief Guests :

Ms. Mahalakshmi (Infosys, Chennai)

Ms.Anushashri Nirmal
(UB Technology Innovations,
Chennai)

Mr.Gomathi Subramanian
(Cubensquare Technology Solutions,
Chennai)

Mr. K Wilson (BOT VFX, Chennai)

Student Learning

- Participants gained practical experience through mock interview sessions, helping them develop confidence and prepare for recruitment processes.
- The symposium featured a variety of technical events, including Digital Forensics, Time Travel Debug, Kill the Manual, and Software Squid Game, alongside engaging non-technical and gaming competitions such as Pictionary, Shadows of Sound, FIFA, and Free Fire.

Key Idea

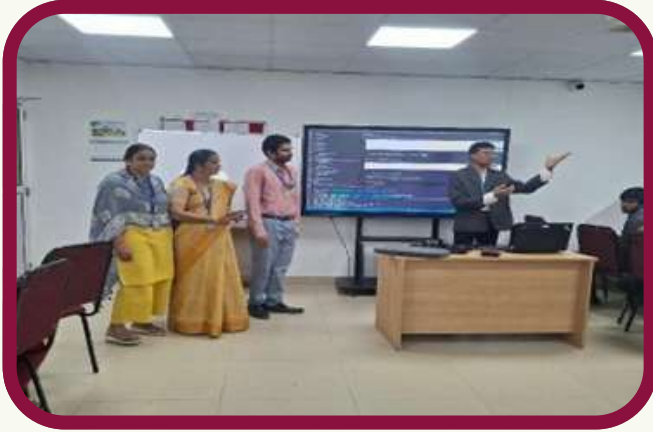
The event commenced with the InspireX Career Conclave, where industry experts shared valuable insights on the transition from campus to corporate life, industry expectations, career planning, and professional growth.

Outcome

These activities enhanced participants' technical expertise, analytical thinking, creativity, teamwork, and problem-solving skills. With 329 active participants from multiple institutions, the event concluded with a valedictory ceremony and prize distribution. Overall, INSPIREX Career Conclave – Navonmesa'26 served as a dynamic platform for career development, technical excellence, collaborative learning, and holistic student engagement.

Tune-Athon: Advancing Sovereign AI for India

Event



Event Highlight

The Tune-Athon, organized under the ArcShift Student Chapter on 26 February 2026 ahead of the **AI4Bharat Impact Summit**, provided students with hands-on experience in developing Sovereign State AI models tailored to India's diverse regional languages, scripts, and cultural contexts.

Faculty Coordinators :

Ms.Deepa & Dr.S.Jayalakshmi

Student Chapter :

ArcShift Microsoft Student Chapter

Student Mentor :

A Shriram-IV (AIML A)

Key idea

The initiative successfully achieved its objective of **fine-tuning 30 AI models**, demonstrating the potential of decentralized computing as an efficient alternative to large GPU clusters. Of the total models, 10 were trained on Apple M3 iMac (16GB) systems using the unsloth-mlx framework, while the remaining 20 were developed using NVIDIA GPUs.

Outcome

Overall, the programme strengthened participants' understanding of modern AI model development while encouraging contributions to India's growing AI ecosystem.

Student Innovation

- All trained models were successfully compiled and made publicly available on the Hugging Face Hub, contributing to India's Digital Public Infrastructure (DPI) and promoting open-source AI development.
- The event witnessed the enthusiastic participation of 30 students from CSE (Emerging Technologies), CSE Core, and ECE, fostering collaboration, technical innovation, and practical learning in the field of Artificial Intelligence.

Graph RAG and LLM

Alumni Talk



Event Highlight

The Department of Computer Science and Engineering (Emerging Technologies) organized a Skill Development Session on "Graph RAG and LLM" at SRM Institute of Science and Technology, Vadapalani Campus. The session provided students with practical insights into Large Language Models, Retrieval-Augmented Generation (RAG), and graph-based knowledge retrieval in modern AI applications. HOD Dr. P. Chitra inaugurated the session and felicitated the guest speaker with a memento

- **Faculty Coordinator:** Dr. K. Meenakshi (Alumni Coordinator, Dept. of CSE-ETech)
- **Chief Guest:** Mr. Deepak Kumar S (Founder - Ontographica)

Key idea

The event was structured as an interactive alumni-led skill development session focused on bridging academic learning with cutting-edge AI technologies. It centered on generative AI frameworks, Graph RAG concepts, intelligent knowledge systems, and real-world deployment strategies to prepare students for next-generation AI domain roles

Outcome

The session successfully provided 41 undergraduate students with technical exposure to advanced AI architectures, graph retrieval concepts, and practical insights required to build intelligent, industry-ready AI solutions.

Student Learning

- **LLM & Generative AI:** Core understanding of Large Language Models and their architecture.
- **RAG Frameworks:** Practical concepts behind Retrieval-Augmented Generation and knowledge retrieval.
- **Graph RAG Systems:** Implementing graph-based knowledge retrieval for intelligent AI applications.
- **Industry Applications:** Real-world use cases, best practices, and practical perspectives on next-gen AI systems.

CyberSHEcurity Awareness Session: Empowering Women for a Safer Digital Future

Event



Event Highlight

The Cybersecurity Awareness Session, organized by the White Hat Hackers Club on 5th March 2026, aimed to promote online safety and empower women to navigate the digital world with confidence.

Faculty Coordinators : Dr.P.Jayanthi &
Dr.S.Jayalakshmi

Club :White Hat Hackers Club

Event Chief Guest :

Dr. Ranjit Oommen Abraham, Director of
Placement Cell, School of Excellence in
Law, Tamil Nadu Dr. Ambedkar Law
University, Chennai

Student Learning

- Through real-time case studies and interactive discussions, participants gained valuable insights into protecting personal data, identifying cyber threats, and responding effectively to cyber incidents. .
- The resource person also highlighted the growing role of women in cybersecurity and encouraged students to explore career opportunities in this rapidly evolving field.

Key idea

- The session was delivered by Dr. Ranjit Oommen
- Abraham, Director of the Placement Cell, School of Excellence in Law, Tamil Nadu Dr. Ambedkar Law University, Chennai. Around 150 girl students from various departments actively participated in the programme. The session covered essential topics including online safety practices, cybercrime prevention, phishing awareness, cyber ethics, and legal remedies for cyber-related offenses.

Outcome

Overall, the session was highly engaging and informative, enhancing participants' awareness of digital safety while fostering responsible and secure online practices.

Technozarre'26: A National Platform for Innovation and Technical Excellence



Symposium

Event Highlight

Technozarre'26, a **National Level Technical Symposium**, was successfully organized by the White Hat Hackers Club (WHHC) under the Department of CSE – Emerging Technologies on 5 and 6 March 2026.

A major highlight of the symposium was the introduction of two new technical events—**Competitive Programming** and **AI Jailbreak**—which offered participants exposure to advanced coding challenges, artificial intelligence concepts, and real-world problem-solving techniques. The enthusiastic participation and vibrant atmosphere throughout the event reflected the students' passion for technology and innovation.

Faculty Coordinators : Dr.P Jayanthi &
Dr.S.Jayalakshmi
Club :White Hat Hackers Club

Key idea

The two-day symposium brought together students from various institutions with the objective of fostering innovation, enhancing technical knowledge, and promoting collaborative learning.

Outcome

Overall, Technozarre'26 served as an enriching platform that encouraged learning, healthy competition, teamwork, and technical excellence while fostering a spirit of innovation among aspiring engineers.

Student Innovation

The event featured a diverse range of technical, non-technical, and gaming competitions, offering participants valuable opportunities to effectively showcase their core technical expertise, creative thinking, and practical problem-solving capabilities while actively collaborating and networking with peers visiting from different colleges.

National Level 24 Hour "Hackforge'26"

Hackathon



Faculty Coordinators :

Dr.J.Arun Nehru , Dr.K.Meenakshi

Event Highlight

HackForge'26, a 24-hour national-level hackathon, was organized by the Department of Computer Science and Engineering (Emerging Technologies), SRM Institute of Science and Technology, Vadapalani Campus. The event brought together innovative minds to develop solutions for real-world challenges in a continuous 24-hour format

Key idea

The event provided a dynamic platform for innovation across key themes:

- **Format:** Continuous 24-hour hackathon with continuous guidance from faculty coordinators and organizers.
- **Inauguration:** Marked by the Invocation in the presence of Dr. C. V. Jayakumar (Dean, FET), Dr. C. Gomathy (Vice Principal - Academics & Placements), and Dr. P. Chitra (HOD, CSE-ET).
- **Evaluation Criteria:** Projects were judged based on innovation, feasibility, technical complexity, and overall execution.

Outcome

The hackathon successfully fostered technical competence, teamwork, and practical application among students. It concluded with a formal Valedictory Session featuring an Inaugural Address by Chief Guest Ms. Vimalasree Anandhan on cybersecurity and industry expectations, followed by the Prize Distribution ceremony recognizing top-performing teams

Student Innovation

- **Real-World Problem Solving:** Student teams developed end-to-end software applications and modern technology solutions directly aimed at addressing complex societal issues and pressing industry challenges.
- **Rapid Prototyping:** Participants successfully brought novel ideas from initial conceptualization to functional, fully working prototypes within demanding, continuous 24-hour time constraints.
- **Cross-Disciplinary Integration:** Projects seamlessly incorporated cutting-edge emerging technologies, including Artificial Intelligence, Machine Learning algorithms, Web3 platforms, and scalable Cloud Architecture to build comprehensive, highly robust digital systems.
- **Technical & Analytical Excellence:** Solutions were rigorously evaluated by an expert industry judging panel based on creative innovation, technical feasibility, intuitive UI/UX design, and overall practical execution quality

Navigating the Modern Cyber Threat Landscape

Workshop



Event Highlight

A workshop on “Navigating the Modern Cyber Threat Landscape” was successfully conducted on 10 March 2026, providing participants with valuable insights into the rapidly evolving field of cybersecurity.

Key idea

The session was led by industry experts **Mr. Pragadeesh R.K.**, Researcher at Necurity Solutions Network Security Pvt. Ltd., and **Mr. Sreenivas Jawahar**, Founder of Cyber Kalvi and CTO of Necurity Solutions Network Security Pvt. Ltd. The workshop covered key topics including ethical hacking methodologies,

Outcome

Overall, the workshop served as an enriching learning experience, strengthening cybersecurity awareness and equipping participants with essential skills to navigate the modern cyber threat landscape.

Student Learning

- the cyber kill chain, cyber threats, vulnerabilities, risk assessment, and defensive security strategies. Through interactive discussions and real-world examples, participants gained practical knowledge of modern cyber-attacks, common security vulnerabilities, and effective techniques for protecting digital systems.
- The hands-on learning approach encouraged active participation and enhanced students' understanding of current cybersecurity challenges and industry best practices. E-certificates were awarded to all participants in recognition of their successful completion of the programme.

ACM Tech Talk: Internet of Everything – Rise of the Machines

Event



Event Highlight

The ACM Tech Talk on “Internet of Everything (IoE): Rise of the Machines” was successfully organized on 18th March 2026 as part of a technical learning initiative to enhance students' understanding of emerging smart technologies and Industry 4.0.

Faculty Coordinators :

Dr.G.Jessy & Dr.R.Gayathri

Key idea

The session was delivered by **Dr. Prashant R. Nair**, Eminent ACM Speaker and Associate Professor, Department of Computer Science and Engineering, **Amrita Vishwa Vidyapeetham**, Coimbatore, who shared valuable insights into the evolution of interconnected systems and the growing impact of intelligent machines in the digital era.

Outcome

the programme served as an enriching learning experience, strengthening students' technical knowledge and encouraging them to explore emerging technologies and innovation.

Student Learning

- The talk covered key topics including the evolution from Internet of Things (IoT) to Internet of Everything (IoE), sensors and actuators, communication technologies, cyber-physical systems, smart factories, and real-world applications in healthcare, transportation, smart homes, and environmental monitoring.
- Participants were also introduced to the ThingSpeak platform for developing IoT-based projects, providing practical exposure to data-driven smart technologies. The interactive session enhanced participants' understanding of machine-to-machine communication, connected systems, and future career opportunities in IoT, IoE, and Industry 4.0. Overall,

Microsoft AI Cohort Project Challenge: Inspiring AI-Driven Innovation

Competition



Event Highlight

The Microsoft AI Cohort Project Challenge, organized under the ArcShift Student Chapter on 25th March 2026, provided students with an opportunity to explore **AI-based innovation** and develop solutions for real-world challenges through collaborative learning.

Faculty Coordinators :Ms.Deepa & Dr.S.Jayalakshmi

Student Chapter : ArcShift Microsoft Student Chapter

Student Mentor : Thilak Kumar K (CSBS) & Dhersshani M (CSBS)

Key idea

The programme encouraged participants to work in teams to identify practical problems and build intelligent applications using technologies such as Machine Learning, Deep Learning, Natural Language Processing (NLP), and Microsoft Azure.

Outcome

The event witnessed the active participation of 27 students from CSE (Emerging Technologies) and successfully fostered innovation, practical learning, and industry-oriented skill development in the field of Artificial Intelligence.

Student Innovation

- The challenge followed a structured approach, including idea submission, project development, evaluation, and final presentations, enabling students to gain hands-on experience in the complete project development lifecycle.
- Through this initiative, participants enhanced their technical expertise, creativity, teamwork, and problem-solving abilities while building portfolio-ready AI projects aligned with industry standards.

Higher Studies 101: Guiding Students Towards Global Education

Workshop



Event Highlight

The Higher Studies 101 workshop, conducted on 27th March 2026, provided an informative platform for students aspiring to pursue higher education abroad.

Key idea

The session featured valuable insights from a student admitted to **Stanford University**, who shared her academic journey, application experience, and practical guidance for studying overseas.

Faculty Coordinators :Dr.P Jayanthi &
Dr.S.Jayalakshmi
CLUB :White Hat Hackers Club
Student Mentor : Sumit Kumar Panja

Student Learning

- Participants gained a clear understanding of the importance of early planning, goal setting, application timelines, entrance examinations, profile building, statements of purpose, letters of recommendation, and scholarship opportunities. The workshop included interactive discussions and an engaging question-and-answer session, allowing students to clarify their doubts and receive personalized advice. .
- The enthusiastic participation and thoughtful interactions reflected the strong interest among students in exploring global education opportunities. Overall,

Outcome

The workshop successfully enhanced participants' awareness of the international admission process, motivated them to begin their preparations early, and equipped them with the knowledge and confidence required to pursue higher studies at leading universities worldwide.

AI Agents and Multimodal AI: Building the Next Generation of Intelligent Systems -NVIDIA Sponsored

Workshop



Event Highlight

A three-day Student Workshop on “AI Agents and Multimodal AI”, conducted from 28th to 30th March 2026, introduced participants to the **latest advancements in Artificial Intelligence** and Generative AI technologies

Key idea

The workshop provided a comprehensive understanding of AI agents, their perception–reasoning–action workflow, and multimodal systems that integrate text, images, and audio for intelligent decision-making.

Faculty Coordinator:
Dr.M.Ulagammai

Student Learning

- Participants explored key concepts such as Large Language Models (LLMs), Vision Models, transformer architectures, and prompt engineering, along with **NVIDIA AI technologies**, GPU computing, **CUDA-enabled environments**, and hardware acceleration for efficient AI model execution. Hands-on sessions demonstrated multimodal AI pipelines, image captioning, visual question answering, and practical AI applications, while also introducing model optimization techniques including quantization and pruning.
- Students gained experience in cloud deployment, Docker-based containerization, and scalable AI system design by developing end-to-end AI agents through guided laboratory sessions.

Outcome

Overall, the workshop provided valuable industry-oriented exposure, enhanced participants' technical expertise, and equipped them with the practical skills required for emerging careers in Artificial Intelligence and Data Science.

Empowering Students with Advanced AI and Multimodal Intelligence -NVIDIA Sponsored Workshop

Workshop



Event Highlight

A three-day workshop on “AI Agents and Multimodal AI”, conducted from 31st March to 2nd April 2026, was organized to equip students with the knowledge and practical skills required to build **next-generation intelligent systems**.

Resource Person :Dr.M.Ulagammai
(NVIDIA certified instructor)

Key idea

The programme introduced participants to the concepts of AI agents, multimodal intelligence, Large Language Models (LLMs), Vision Models, and prompt engineering, highlighting their growing role in modern AI applications.

Outcome

Overall, the workshop served as a valuable learning platform, enhancing students' technical competence, innovation, and readiness to contribute to the rapidly evolving fields of Artificial Intelligence, Machine Learning, and Data Science.

Student Learning

- Students explored advanced topics such as transformer architectures, neural networks, multimodal data integration, model fine-tuning, and performance optimization through expert-led sessions.
- The workshop also covered NVIDIA GPU computing, CUDA-enabled environments, Docker-based deployment, cloud and edge computing, and scalable AI infrastructure to provide industry-oriented exposure. Interactive hands-on sessions enabled participants to develop AI applications capable of processing text, images, and audio, strengthening their understanding of intelligent system design and deployment.

ICICDA'26: Advancing Research in Intelligent Computing and Data Analytics

Conference



Event Highlight

The International Conference on Intelligent Computing and Data Analytics (ICICDA'26) was successfully organized on 16 and 17 April 2026, bringing together researchers, academicians, students, and industry professionals to **share innovations and advancements in Intelligent Computing**, Artificial Intelligence, Machine Learning, and Data Analytics.

Key idea

The conference featured multiple paper presentation sessions conducted in hybrid and online modes, enabling active participation from researchers across various institutions.

Outcome

Overall, ICICDA'26 served as a vibrant platform for promoting research innovation, academic excellence, and collaborative learning, reinforcing the department's commitment to advancing cutting-edge research in emerging technologies.

Student Learning

- The sessions fostered meaningful technical discussions, knowledge exchange, and academic collaboration while providing participants with an opportunity to present their research, receive valuable feedback, and gain insights into emerging trends in intelligent computing and data-driven technologies.
- The event was successfully coordinated under the guidance and support of the institution's leadership and departmental faculty coordinators, whose efforts ensured its smooth execution.

Build Your AI Bot Bootcamp: Inspiring the Next Generation of AI Innovators

Bootcamp



Event Highlight

The “Build Your AI Bot” One-Week Bootcamp, organized under the ArrowDev Club from 25th to 29th May 2026, introduced school students to the exciting world of Artificial Intelligence and chatbot development

Faculty Coordinators : Dr. Theresa Cenate C F, Mr. M. Rajavel

Resource Person Details:

Dr. M. Ulagammai, Dr. J. Arun Nehru, Dr. N. Bharathi, Dr. S. Jayalakshmi, Dr. Theresa Cenate C F, Dr. R. Dayana, Mr. M Rajavel, Ms. S Dhivya, Ms. J. Nivitha, Ms. A Vishnupriya

Key idea

- The programme attracted enthusiastic participation from students representing more than 30 schools, creating a vibrant environment for learning, collaboration, and innovation.
- Through expert-led sessions and hands-on activities, participants explored the fundamentals of AI chatbots, Large Language Models (LLMs), and Retrieval-Augmented Generation (RAG) while gaining practical insights into conversational AI and its real-world applications.

Student Learning

- A major highlight of the bootcamp was the hands-on chatbot development session, where students designed and built their own AI-powered chatbot solutions and presented innovative projects demonstrating creativity, technical understanding, and problem-solving skills.
- The programme encouraged participants to think critically, collaborate effectively, and apply emerging AI technologies to solve practical challenges.

Outcome

Overall, the bootcamp provided an inspiring learning experience that nurtured curiosity, enhanced technical skills, and motivated young learners to pursue future opportunities in Artificial Intelligence and technology-driven innovation.

Teaching Pedagogical Initiatives: Enhancing Excellence in Higher Education

Workshop



Event Highlight

A three-day Faculty Workshop on “Teaching Pedagogical Initiatives” was conducted from 10 to 12 June 2026 with the active participation of 35 faculty members.

Key idea

The workshop aimed to strengthen competencies in learner-centered teaching, instructional design, assessment strategies, and digital curriculum development through a series of expert-led sessions and interactive activities. Distinguished resource persons from DLD, SRMIST, delivered sessions on adult learning, instructional design, AI tools, outcome-based assessment, and e-curriculum development. Faculty gained practical insights into innovative, NEP-aligned teaching methods through interactive discussions and hands-on learning.

Faculty Coordinators : Dr. N.Bharathi & Dr.M.Ulagammai

Event Chief Guest :

Dr. G. Janaki, Associate Professor, DLD, SRMIST, Kattankulathur.

Dr. N. Hema, Professor and Principal, Cambridge Professional Development Centre, DLD, SRMIST, Kattankulathur.

Dr.M.Radhakrishnan, Associate Professor, DLD, SRMIST, Kattankulathur.

Dr.R.Lakshmipathy, Associate Professor, DLD, SRMIST, Kattankulathur.

Dr. G. Selva Mary, Assistant Professor, DLD, SRMIST, Kattankulathur

Outcome

Overall, the workshop served as a valuable platform to promote evidence-based teaching practices, continuous professional development, and academic excellence—with participants praising its practical relevance and positive impact on student learning outcomes.

Bio-Inspired Algorithms: Harnessing Nature-Inspired Intelligence for Optimization

FDP



Event Highlight

A five-day Faculty Development Programme (FDP) on “Bio-Inspired Algorithms” was conducted from 15 June 2026 to 19 June 2026 by the Department of Computer Science and Engineering (Emerging Technologies).

Faculty Coordinators : Dr. B. Dhiyanesh and Dr. Neelam Sanjeev Kumar

Event Chief Guest :

Dr. Jabez Christopher, Associate Professor, Computer Science & Information Systems, Birla Institute of Technology and Science, Pilani.

Dr. Rama Parvathy – Professor, School of Computer Science & Engineering, Vellore Institute of Technology.

Dr. D. Karthika Renuka –Professor & Associate Dean (Student Welfare), PSG College of Technology.

Dr. Kamalraj Subramaniam –Professor and Head, Biomedical Engineering, Karpaga Academy of Higher Education, Coimbatore.

Dr. Srinivasan Aruchamy –Associate Professor, Department of Computer Science and Engineering, National Institute of Technology Puducherry.

Key idea

The programme witnessed enthusiastic participation from 76 faculty members representing various colleges and universities across India, along with one faculty member from Arizona State University, USA, adding an international perspective to the event.

Student Learning

- The FDP covered bio-inspired computing, evolutionary methods, swarm intelligence, optimization algorithms, and emerging AI trends for real-world problem-solving.
- Interactive sessions promoted research collaboration, with participants appreciating the relevant topics, expert guidance, and academic interaction.

Outcome

Overall, the workshop served as a valuable platform for promoting evidence-based teaching practices and academic excellence, with participants appreciating its practical relevance and positive impact on improving student learning outcomes

Skill Up: Programming Essentials and Beyond – Empowering Technical Staff

Workshop



Event Highlight

A one-day hands-on workshop titled “Skill Up: Programming Essentials and Beyond” was successfully organized on 30 June 2026 for Programmers and Lab Assistants.

Faculty Coordinators : Dr. Neelam

Sanjeev Kumar

Workshop Trainer : Dr. Mahesh C and Dr
Neelam Sanjeev Kumar

Key idea

The workshop witnessed the active participation of 12 non-teaching technical staff and aimed to strengthen their programming skills while enhancing their ability to effectively manage modern laboratory environments.

Outcome

Overall, the workshop served as a valuable platform for fostering continuous professional development, technical excellence, and the adoption of innovative digital technologies in academic and laboratory settings.

Student Learning

- The comprehensive training programme featured highly interactive technical sessions, hands-on programming exercises, practical real-world assignments, and collaborative peer discussions carefully designed to systematically improve participants' overall technical proficiency and core analytical problem-solving capabilities. Special emphasis was intentionally placed on Prompt Engineering, enabling participants to thoroughly explore the effective real-world use of ChatGPT and various other state-of-the-art AI-powered tools. Through guided practical demonstrations and interactive modules, attendees discovered how to seamlessly automate routine administrative tasks, enhance overall workflow productivity, and optimize support for complex academic coursework and technical laboratory activities with greater overall operational efficiency.



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Industrial Visits



9 January 2026, an inspiring research-focused industrial visit to the Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, accompanied by faculty coordinators Dr. J. Arun Nehru and Dr. C. F. Theresa Cenate.

Key Highlights & Technical Exposure

Atomic Reactor Operations: Gained rare, first-hand insight into complex nuclear reactor control systems and operational workflows.

High-Performance Computing (HPC): Explored high-density computing clusters engineered for heavy scientific simulations.

Real-Time Data Analysis: Saw how advanced computing drives critical data processing in high-stakes research environments.

Impact

The visit successfully demonstrated the vital role of computer science in nuclear research and technological innovation—inspiring students to look beyond classrooms toward research-driven careers and emerging opportunities.



An industrial visit organised to Spectrum Technologies Pvt. Ltd., Cochin. Designed to bridge academic learning with industrial execution, the visit provided students with first-hand exposure to enterprise-level software engineering, cloud infrastructures, and modern deployment strategies.

Key Technical Focus Areas

Under the guidance of faculty coordinators Dr. J. Arun Nehru and Dr. Dayana R, students engaged with industry engineers and explored critical technical domains:

Software Architecture - Analyzed modular design patterns and scalable software structures utilized in enterprise products.

Cloud Deployment - Learned about dynamic resource provisioning, containerization, and live production management.

Bridging Theory and Practice

By observing live engineering processes and interacting with domain experts, students gained valuable context on how software systems operate at scale. The experience helped align core academic concepts with current industry practices, supporting their preparation for future technical roles.

Faculty Mentors

Dr. J. Arun Nehru — Department of CSE (Emerging Technologies)

Dr. Dayana R — Department of CSE (Emerging Technologies)

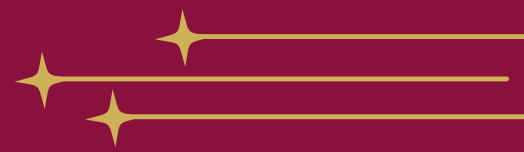


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Farewell





Celebrating the Class of 2022–2026

As our students step into new horizons, we extend our heartfelt wishes for their continued success and achievements.

Highlights of the Journey:

- From Classrooms to Careers: Turning theoretical foundations into industry-ready skills.
- From Assignments to Achievements: Overcoming challenges, hackathons, and project milestones together.
- From Dreams to Destinations: Transforming early ambitions into exciting real-world paths.

Batch 2022–2026, your journey has been truly inspiring!

Looking Ahead,

As you take off into the future, may success follow you wherever you go. We will always cherish the memories you leave behind.

Best of luck for all your future endeavors!

Faculty Coordinator

Dr. J. Arun Nehru

Associate Professor



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JAN 2026-JUN 2026

Students NPTEL Achievement



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	Class
1	RIDUVARSHINI S B	Data Mining	Elite+gold	III CSBS
2	Meruflin Jeeva	Data Mining	Elite+Silver	III CSBS
3	M Kirithika	Data Mining	Elite+Silver	III AIML-A
4	Ansh Didwania	Data Mining	Elite+Silver	III BDA
5	P Barkavi	Data Mining	Elite+Silver	BDA
6	Rishelle Sarah varghees	Data Mining	Elite+Silver	BDA
7	SIDDHI CHORDIA	Data Mining	Elite+Silver	BDA
8	Tharun S	Data Mining	Elite+Silver	CSBS
9	S U ASLESHA	Data Mining	Elite+Silver	BDA
10	R DivyaDharshini	Data Mining	Elite+Silver	BDA
11	Dhersheni M	Data Mining	Elite+Silver	CSBS
12	Mahesh Kumar	Data Mining	Elite	CSBS
13	M Madhumitha	Data Mining	Elite	CSBS
14	MURUGA MADHUKESHWARAN	Data Mining	Elite	BDA
15	Mohamed Arshad khan	Data Mining	Elite	BDA
16	PRAGADA KRISHNA VAMSI	Data Mining	Elite	BDA
17	Nithyasri K S	Data Mining	Elite	CSBS
18	Aadhithyan V	Data Mining	Elite	CSBS
19	B R Roshini	Data Mining	Elite	BDA
20	RAUSHAN KUMAR	Data Mining	Elite	CSBS



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
21	L B Naveen	Data Mining	Elite	III	BDA
22	RAHUL KARTHIK T	Data Mining	Elite	III	BDA
23	Saikh Abid	Data Mining	Elite	III	CSBS
24	RINDHIYA PRIYA V	Data Mining	Elite	III	BDA
25	Sujana Mallavaram	Data Mining	Elite	III	AIML-A
26	Tharan A	Data Mining	Elite	III	CSBS
27	Vrishab Cchakravarthi S M	Data Mining	Elite	III	CSBS
28	Sriram	Data Mining	Elite	III	BDA
29	K SANJAY	Data Mining	Elite	III	BDA
30	SHALINI M	Data Mining	Elite	III	AIML-A
31	Tamil Selvi H	Data Mining	Elite	III	CSBS
32	Atharva Dubey	Data Mining	Elite	III	AIML-A
33	CHANDRIKA BANERJEE	Data Mining	Elite	III	AIML-A
34	Prathima D	Data Mining	Elite	III	CSBS
35	MVGANESH	Data Mining	Elite	III	CSBS
36	Hariharan MN	Data Mining	Elite	III	CSBS
37	joshika yuvaraj	Data Mining	Elite	III	BDA
38	Kathir Sakthivel	Data Mining	Successfully completed	III	BDA
39	Punit	Data Mining	Successfully completed	III	BDA
40	Raghavendran G M	Data Mining	Successfully completed	III	BDA



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
41	RAMSANKAR G	Data Mining	Successfully completed	III	BDA
42	Siva bala kannan	Data Mining	Successfully completed	III	BDA
43	K Vasudev	Data Mining	Successfully completed	III	CSBS
44	S Mohammed Muneeb	Data Mining	Successfully completed	III	CSBS
45	NISHANTH GS	Data Mining	Successfully completed	III	AIML-A
46	CHANDRIKA BANERJEE	Programming in Java	Elite+Gold	III	AIML-A
47	Jeevasree S	Data Mining	Successfully completed	III	AIML-B
48	S SARVESH	Programming in Java	Elite+Gold	III	AIML-A
49	MANNAVA VENKATA KARTHIKEYA	Programming in Java	Elite+Gold	III	AIML-A
50	Kevin Benjamin Samuel	Programming in Java	Elite+Gold	III	AIML-A
51	BIJJAM SHARATH KUMAR REDDY	Programming in Java	Elite+Silver	III	AIML-A
52	Sujana Mallavaram	Programming in Java	Elite	III	AIML-A
53	Sreelakshmi K	Programming in Java	Elite	III	AIML-A
54	Aathitya A	Programming in Java	Elite	III	AIML-A
55	Eswaramuthu M	Programming in Java	Elite	III	AIML-A
56	Krishith	Programming in Java	Elite	III	AIML-A
57	Pranesh	Programming in Java	Elite	III	AIML-A
58	Pranav Sakthi	Programming in Java	Elite	III	AIML-A
59	ALLAM NARENDRA SAI	Programming in Java	Successfully completed	III	AIML-A
60	SHALINI M	Programming in Java	Successfully completed	III	AIML-A



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
61	NISHANTH GS	Programming in Java	Successfully completed	III	AIML-A
62	Nanda kishore	Programming in Java	Successfully completed	III	AIML-A
63	Parth	Programming in Java	Successfully completed	III	AIML-A
64	Mohana krishnan B	Programming in Java	Successfully completed	III	AIML-A
65	Sushanth A	Programming in Java	Successfully completed	III	AIML-A
66	ANKIT SHARMA	Programming in Java	Elite+Gold	III	AIML-B
67	VIVIN K S	Programming in Java	Elite+Gold	III	AIML-B
68	RAMISETTY T M SURYA	Programming in Java	Elite+Gold	III	AIML-B
69	Ahana Dinesh N	Programming in Java	Elite+Gold	III	AIML-B
70	J Princeton Vishal	Programming in Java	Elite+Gold	III	AIML-B
71	N Navya Shree	Programming in Java	Elite+Gold	III	AIML-B
72	Abhiram SP	Programming in Java	Elite+Gold	III	AIML-B
73	MITHRA BV	Programming in Java	Elite+Gold	III	AIML-B
74	Shuchitra E	Programming in Java	Elite+Gold	III	AIML-B
75	harshat B	Programming in Java	Elite+Silver	III	AIML-B
76	Kaviya S	Programming in Java	Elite+Silver	III	AIML-B
77	Sai G	Programming in Java	Elite+Silver	III	AIML-B
78	Sriramsanjay Sabbarapu	Programming in Java	Elite+Silver	III	AIML-B
79	D D MOHEETH KUMAR	Programming in Java	Elite+Silver	III	AIML-B
80	YOGESH CHOUDHARY	Programming in Java	Elite	III	AIML-B



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
81	BHARATH G	Programming in Java	Elite	III	AIML-B
82	Dinesh P	Programming in Java	Elite	III	AIML-B
83	GAUTHAM KRISHNA	Programming in Java	Elite	III	AIML-B
84	Lathika M	Programming in Java	Elite	III	AIML-B
85	OWAIS KADRI	Programming in Java	Elite	III	AIML-B
86	Raj Pranav Raghavan	Programming in Java	Elite	III	AIML-B
87	sree moukthika	Programming in Java	Elite	III	AIML-B
88	Aaron Mammen Enoch	Programming in Java	Successfully completed	III	AIML-B
89	Allam Reddy Charan	Programming in Java	Successfully completed	III	AIML-B
90	Abhinav Manoj	Programming in Java	Successfully completed	III	AIML-B
91	ADITHYA S	Programming in Java	Successfully completed	III	AIML-B
92	R Jayachandran	Programming in Java	Successfully completed	III	AIML-B
93	Yogesh S	Programming in Java	Successfully completed	III	AIML-B
94	Nishant Kumar	Programming in Java	Successfully completed	III	AIML-B
95	S SHREYA	Programming in Java	Elite+Gold	III	BDA
96	Sriram	Programming in Java	Elite+Gold	III	BDA
97	Shruti Meenakshi N S	Programming in Java	Elite+Gold	III	BDA
98	SHANKESH RAJA V	Programming in Java	Elite+Gold	III	BDA
99	R DivyaDharshini	Programming in Java	Elite+Gold	III	BDA
100	M HARSHINIE	Programming in Java	Elite+Gold	III	BDA



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
101	DHANALAKSHMI	Programming in Java	Elite+Gold	III	BDA
102	HARINI P	Programming in Java	Elite+Gold	III	BDA
103	Hareharan S	Programming in Java	Elite+Gold	III	BDA
104	B R Roshini	Programming in Java	Elite+Gold	III	BDA
105	Rishelle Sarah varghees	Programming in Java	Elite+Gold	III	BDA
106	S U ASLESHA	Programming in Java	Elite+Gold	III	BDA
107	P Barkavi	Programming in Java	Elite+Gold	III	BDA
108	RINDHIYA PRIYA V	Programming in Java	Elite+Gold	III	BDA
109	Sheetal Rose Joseph	Programming in Java	Elite+Gold	III	BDA
110	Mohamed Arshad khan	Programming in Java	Elite+Silver	III	BDA
111	Roweena F	Programming in Java	Elite+Silver	III	BDA
112	MURUGA MADHUKESHWARAN	Programming in Java	Elite	III	BDA
113	K SANJAY	Programming in Java	Elite	III	BDA
114	Ansh Didwania	Programming in Java	Elite	III	BDA
115	Indresh M R	Programming in Java	Elite	III	BDA
116	Merlyn Jennie G	Programming in Java	Elite	III	BDA
117	CHITTIREDDY RAJEEV REDDY	Programming in Java	Elite	III	BDA
118	RAHUL KARTHIK T	Programming in Java	Successfully completed	III	BDA
119	Aadhithyan V	Programming in Java	Elite+Gold	III	CSBS
120	Ritesh Singh	Programming in Java	Elite+Gold	III	CSBS



Students NPTEL Achievement

S.NO	NAME	COURSE NAME	CERTIFICATE TYPE	YEAR	SECTION
121	Nimisha	Programming in Java	Elite+Gold	III	CSBS
122	RIDUVARSHINI S B	Programming in Java	Elite+Gold	III	CSBS
123	MVGANESH	Programming in Java	Elite+Gold	III	CSBS
124	Yogesh	Programming in Java	Elite+Gold	III	CSBS
125	Vrishab Cchakravarthi S M	Programming in Java	Elite+Gold	III	CSBS
126	K Vasudev	Programming in Java	Elite+Gold	III	CSBS
127	SANJAY KUMAR A M	Programming in Java	Elite+Gold	III	CSBS
128	JAYAKEERTHI M A	Programming in Java	Elite+Silver	III	CSBS
129	Meruflin Jeeva	Programming in Java	Elite+Silver	III	CSBS
130	NETHRA HARI	Programming in Java	Elite+Silver	III	CSBS
131	Tharun S	Programming in Java	Elite+Silver	III	CSBS
132	VIGNESH D	Programming in Java	Elite	III	CSBS
133	Iniya Venkatesan	Programming in Java	Elite	III	CSBS
134	ARJUN S	Programming in Java	Elite	III	CSBS
135	S Shraddha	Programming in Java	Elite	III	CSBS
136	Nithyasri K S	Programming in Java	Successfully completed	III	CSBS



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Student's Achievements

Student's Achievements



Student's Achievements



Vishal Maheshwaran
– III Year
Silver Medal in
+110 kg category
(Left Hand)

Riduvarshini S B

-III Year

Gold Medal at HERA
HACKXX'26, a 24-hour
National Level-
Women's Hackathon
organized by ACM-W



Padmini S

-I Year

Gold Medal in the
U-19 Chengalpattu
District Selection
Tournament 2026

Student's Achievements

Student of SRM Vadapalani selected as Google Ambassdor

Ramprakash R. is among only six students in India to be given this title and an opportunity to meet Google CEO Sundar Pichai

Ramprakash R., a final year B.Tech CSE (AIML) student from the Department of Computer Science and Engineering (Emerging Technologies), SRM Institute of Science and Technology in Vadapalani, has earned national recognition as one of six Google Student Ambassadors across In-

dia. According to a press release, Ramprakash received the extraordinary opportunity to directly interact with Sundar Pichai, CEO of Google, during the India AI Impact Summit 2026 held on February 18, 2026 at Bharat Mandapam in New Delhi.

At the summit, he contributed

to discussions on Responsible and Inclusive AI, bridging academia and industry, and empowering engineering students through applied AI. The achievement highlights his technical excellence and brings pride and national recognition to SRM IST, the release adds.



During the event. PHOTO: SPECIAL ARRANGEMENT



Student's Achievements

S.No	Name	Event Type	Event	Date
1	Athithya S A	CONFERENCE	ICCECE 2026	Feb
2	Eedpuganti Yagna Sai Harshith	CONFERENCE	ICCECE 2026	Feb
3	Athithya S A	CONFERENCE	ICCECE 2026	Feb
4	Raj Pranav Ragavan	CONFERENCE	ICCECE 2026	Feb
5	Mohammed Azam	CONFERENCE	ICCECE 2026	Feb
6	Dinesh P	CONFERENCE	ICCECE 2026 KOLKATA	Feb
7	G.Mohammed Azam	CONFERENCE	ICCECE 2026 KOLKATA	Feb
8	G.Mohammed Azam	CONFERENCE	ICCECE 2026 KOLKATA	Feb
9	Raj Pranav Raghavan	CONFERENCE	ICCECE 2026, Kolkata	Feb
10	Eedpuganti Yagna Sai Harshith	CONFERENCE	ICCECE 26	Feb
11	Dinesh P	CONFERENCE	ICCECEC 2026	Feb
12	Surya Swaminathan	CONFERENCE	ICECT CONFERENCE	Mar
13	D. Nanda kishore	HACKATHON	AXIO ML National level Hackathon	Mar
14	G Mourya Maria Sagar	HACKATHON	AXIOL ML(National level Hackathon)	Mar
15	R Vishnu vardhan	HACKATHON	AXIOML	Mar
16	Punit.m	HACKATHON	AXIOML	Mar
17	B. Sharath kumar reddy	HACKATHON	AXIOML National level Hackathon	Mar
18	MV Karthikeya	HACKATHON	AXIOML National level Hackathon	Mar
19	ALLAM Narendrasai	HACKATHON	AXIOML NATIONAL LEVEL HACKATHON	Apr



Student's Achievements

S.No	Name	Event Type	Event	Date
20	VISHWAA R	HACKATHON	Hackathon 7.0	Jun
21	Keerthipati Bhavitha	HACKATHON	HackFest 2k26	Feb
22	Riduvarshini S B	HACKATHON	Hera HackXX '26	Mar
23	Riduvarshini S B	HACKATHON	Hera HackXX'26	Mar
24	Shuchitra E	HACKATHON	IGNITE 26	Mar
25	D D MOHEETH KUMAR	HACKATHON	Ignite '26	Mar
26	Jayachandhran R	HACKATHON	IGNITE'26	Mar
27	N Navya shree	HACKATHON	Ignite'26	Mar
28	Tharunyaa.S.S	HACKATHON	Innoclash	Feb
29	MOHUL RAJ T	HACKATHON	INNOCLASH	Feb
30	K Gopikasri	HACKATHON	Innoclash 26	Feb
31	N K Sriram	HACKATHON	INNOCLASH'26	Feb
32	Kolamala SaiDivya	HACKATHON	INNOCLASH'26	Feb
33	Sujithra Raj	HACKATHON	INNOCLASH'26	Feb
34	Rupa R	HACKATHON	Innoclash'26	Feb
35	MERLIN RAGHURAJ SUDHA	HACKATHON	INNOCLASH'26	Feb
36	UDHAYSHRE E	HACKATHON	INNOCLASH'26	Feb
37	Brian Hamish E	HACKATHON	Innoclash'26	Feb
38	KRISHNA VAMSI	HACKATHON	INO CLASH (PHASE -2)	Feb
39	PUNIT	HACKATHON	INOCLASH (PHASE -2)	Feb
40	Chandhan sayee r	HACKATHON	Inoclash-26	Feb
41	K Gowtham Ragav	HACKATHON	LITHOS 2k26	Feb



Student's Achievements

S.No	Name	Event Type	Event	DATE
42	Nithyasri K S	HACKATHON	LITHOS 2k26	Feb
43	Nithyasri	HACKATHON	LITHOS 2K26	Feb
44	A. Braxton Elmer	HACKATHON	LITHOS 2K26	Feb
45	A. Braxton Elmer	HACKATHON	Lithos 2k26	Feb
46	Saranya H S	HACKATHON	LITHOS 2K26	Feb
47	Saranya H S	HACKATHON	Lithos 2k26 Hackathon	Feb
48	RAMSANKAR G	HACKATHON	NHAI HACKATHON	Feb
49	Rahul Karthik T	HACKATHON	NHAI Hackathon	Feb
50	MOHAMMED AREEB HUSSAIN N	HACKATHON	PRISMATIC 2K26	Feb
51	Shree keshav KS	HACKATHON	PRISMATIC2K26	Feb
52	Arindam Jaiman	HACKATHON	Quantum hackathon	Feb
53	S.SUTENDAR	HACKATHON	WATTATHON	Feb
54	RAAHUL G R	HACKATHON	Wattathon	Feb
55	P.Rushi Teja	HACKATHON	WATT-A-THON	Feb
56	Surya Swaminathan	HACKATHON	Watt-a-thon	Feb
57	Shravan Nambirajan	HACKATHON	WATT-A-THON	Feb
58	S.SURENDAR	HACKATHON	WATTATHON	Feb
59	Rishika Bengani	HACKATHON	WIE HACKS 2026	Mar
60	Ridugarshini S B	HACKATHON	WIE HACKS 2026	Mar
61	Nethra Hari	HACKATHON	WIE Hacks 2026	Mar
62	Eswaramuthu M	HACKATHON	Prayatchom	Mar



Student's Achievements

S.No	Name	Event Type	Event	Date
63	Aishwariya S	OTHERS	Chess Intramurals	Feb
64	B.Thanulakshmi	OTHERS	Connect X	Feb
65	R Sanjana	OTHERS	ConnectX	Feb
66	G.Siddharth Kumaresh	OTHERS	CyberFest 2K26	Feb
67	Shravan Katama	OTHERS	ENIGMA	Feb
68	Noel Sunny	OTHERS	Intramurals	Feb
69	Thilak kumar k	OTHERS	Jarvis	Feb
70	ARJUN S	OTHERS	Jarvis	Feb
71	Sanjay Kumar A M	OTHERS	Jarvis	Feb
72	Vaishnavi S	OTHERS	Jarvis	Feb
73	Radhakrishnan G	OTHERS	LimuneX 2026	Mar
74	Syed shehroz	OTHERS	Luminex 2026	Mar
75	Vijaya Diwakar T	OTHERS	LumineX 2026	Mar
76	Thanulakshmi B	OTHERS	On air now	Feb
77	R sanjana	OTHERS	On air now	Feb
78	Lakshmi Bavadharani	OTHERS	On air now	Feb
79	N kailash charan	OTHERS	On Air now	Feb
80	S. Paramaguru	OTHERS	On air now	Feb
81	B.s pranav sankar	OTHERS	On air now	Feb
82	PUNITH	OTHERS	On air now	Feb
83	Shree keshav KS	OTHERS	PRAGYOTSAV-26	Mar



Student's Achievements

S.No	Name	Event Type	Event	Date
84	Surya Swaminathan	OTHERS	Prometheus	Mar
85	Aditya Rajasekaran	OTHERS	Prometheus	Mar
86	Surya Swaminathan	OTHERS	Rhythm Lounge	Mar
87	Aditya Rajasekaran	OTHERS	Rhythm Lounge	Mar
88	Shalini M	OTHERS	Rhythm Lounge	Mar
89	S.SURENDAR	OTHERS	TITANIUM 2026	Feb
90	RAMSANKAR G	SEMINAR	Abstraction for expressive , extensible , and scalable root cause analysis	Feb
91	Raushan kumar	SEMINAR	Comicon kochi 2026	Mar
92	Eswaramuthu M	SYMPOSIUM	Bid and Build	Feb
93	Eswaramuthu M	SYMPOSIUM	Code Relay	Feb
94	Eswaramuthu M	SYMPOSIUM	Competitive Programming	Mar
95	Tusya Kalpak E S	SYMPOSIUM	Luminex 26	Mar
96	DISHAN	SYMPOSIUM	Luminex 26	Mar
97	Priyan Sivanesan Barathy	SYMPOSIUM	Luminex 26	Mar
98	Dishan Marrio	SYMPOSIUM	Luminex'26	Mar
99	Shrinikethan Senthilnathan	SYMPOSIUM	Luminex'26	Mar
100	Priyan Sivanesan Barathy	SYMPOSIUM	Luminex'26	Mar
101	Deepak B	SYMPOSIUM	Luminex'26	Mar
102	Eswaramuthu M	SYMPOSIUM	Python Puzzle Hunt	Mar



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JAN 2026-JUN 2026

ACADEMIC TOPPERS



Academic Toppers

S.No.	Name of the Student	Batch	Class	Semester
1	M. Kirithika	2023-2027	IV CSE AIML – A	6th Semester
2	Kevin Benjamin Samuel	2023-2027	IV CSE AIML – A	6th Semester
3	Chandrika Banerjee	2023-2027	IV CSE AIML – A	6th Semester
4	Lavanaya S	2023-2027	IV CSE AIML – B	6th Semester
5	Sreenidhi T	2023-2027	IV CSE AIML – B	6th Semester
6	Sri Varsha S	2023-2027	IV CSE AIML – B	6th Semester
7	Abhiram S.P.	2023-2027	IV CSE AIML – B	6th Semester
8	Shuchitra E	2023-2027	IV CSE AIML – B	6th Semester
9	N Navya Shree	2023-2027	IV CSE AIML – B	6th Semester
10	Siddhi Chordia	2023-2027	IV CSE BDA	6th Semester
11	S Shreya	2023-2027	IV CSE BDA	6th Semester
12	Shankesh Raja V	2023-2027	IV CSE BDA	6th Semester
13	Shruti Meenakshi N S	2023-2027	IV CSE BDA	6th Semester
14	Nethra Hari	2023-2027	IV CSE CSBS	6th Semester
15	S. Shraddha	2023-2027	IV CSE CSBS	6th Semester
16	K Gayatri	2023-2027	IV CSE CSBS	6th Semester
17	Jayakeerthi M A	2023-2027	IV CSE CSBS	6th Semester
18	Vikraman SP	2023-2027	IV CSE CSBS	6th Semester
19	Saranya H S	2023-2027	IV CSE CSBS	6th Semester
20	Riduvvarshini S B	2023-2027	IV CSE CSBS	6th Semester



Academic Toppers

S.NO	Name of the Students	Batch	Class	Semester
21	Aishwarya K	2024-2028	III CSE AIML – A	4th Semester
22	Ananya Jaiswal	2024-2028	III CSE AIML – A	4th Semester
23	Mirulaa Srithar	2024-2028	III CSE AIML – A	4th Semester
24	Sharada Shyam Sundar	2024-2028	III CSE AIML – A	4th Semester
25	Shrinikethan Senthilnathan	2024-2028	III CSE AIML – A	4th Semester
26	Sai Shrikar M K	2024-2028	III CSE AIML – A	4th Semester
27	Kolamala SaiDivya	2024-2028	III CSE AIML – B	4th Semester
28	Tanish Selvakumaran	2024-2028	III CSE AIML – B	4th Semester
29	Sam Joshua	2024-2028	III CSE AIML – B	4th Semester
30	Dhruv Waghchaure	2024-2028	III CSE AIML – B	4th Semester
31	Anumita K Menon	2024-2028	III CSE BDA	4th Semester
32	Swathi P	2024-2028	III CSE CS	4th Semester
33	Monisha S	2025-2029	II CSE AIML – A	2nd Semester
34	Mokshi	2025-2029	II CSE AIML – A	2nd Semester



Academic Toppers

S.No	Name of the student	Batch	Class	Semester
35	Arcot Mohamed Shuwais	2025-2029	II CSE AIML – A	2nd Semester
36	Mohammed Areeb Hussain N	2025-2029	II CSE AIML – A	2nd Semester
37	Rakshitha S	2025-2029	II CSE AIML – A	2nd Semester
38	K Nandhini	2025-2029	II CSE AIML – A	2nd Semester
39	R Carin Ronal	2025-2029	II CSE AIML – B	2nd Semester
40	P S Parvathi	2025-2029	II CSE AIML – B	2nd Semester
41	Aadi G	2025-2029	II CSE CSBS	2nd Semester
42	Saina Saji	2025-2029	II CSE BDA	2nd Semester
43	Pranavasree S	2025-2029	II CSE Cyber Security	2nd Semester



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JAN 2026-JUN 2026

Students Internship



Students Internship

Student Name	Register Number	Year	Class / Dept	Company Name
Roshini B R	RA2311027040013	IV	BDA	Wipro Technologies
Eswaramuthu M	RA2311026040007	IV	AIML - A	Stratova.ai
J. Princeton	RA2311026040090	IV	AIML - B	Stratova.ai
Surya Swaminathan	RA2511030040008	II	CYBER SECURITY	Besant Technologies
Vettrivelu M	RA2511030040011	II	CYBER SECURITY	EDUSKILLS
Mufeed B	RA2511042040008	II	CSBS	CODEC TECHNOLOGIES
P Saketh	RA2511020640064	II	AIML - B	CODEC TECHNOLOGIES
Swathi P	RA2411030040024	III	CYBER SECURITY	SIMS Hospital
Harsh Srivastava	RA2411030040005	III	CYBER SECURITY	SIMS HOSPITAL
Harsh Srivastava	RA2411030040005	III	CYBER SECURITY	Shuruaat Ek Jyoti Shiksha Ki
S Vishruth	RA2511026040055	II	AIML - B	LITZ TECH
Tarunaashree S	RA2511027040002	II	BDA	Eduskill aicte
Arcot Mohamed Shuwais	RA2511026040005	II	AIML - B	Comfort Shoes
Yudhish B	RA2511042040004	II	CSBS	Codec Technologies
Shree Keshav Ks	RA2511026040093	II	AIML - B	Trios technologies



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PLACEMENTS



PLACEMENTS -

S.No	Company Name	Student Name	Branch
1	Acmegrade	AJAY G	CSBS
2	Acmegrade	Akhilesh Shukla	CSBS
3	Acmegrade	DHARSHINI SHREE	CSBS
4	Acmegrade	GHANASGYAM	BDA
5	Acmegrade	Jeevika manjari	CSBS

PLACEMENTS -

S.No	Company Name	Student Name	Branch
1	Airtribe	Vijayaranjini R	CSBS

PLACEMENTS -

S.No	Company Name	Student Name	Branch
1	Coding Ninjas	VISHNUVARDHAN	BDA

PLACEMENTS -

S.No	Company Name	Student Name	Branch
1	Glowlogics	AFNAN AHMED	CSBS



PLACEMENTS - HCLTech

S.No	Company	Name	Branch
1	HCL	Aradhana D	BDA
2	HCL	Mahesh.R	BDA
3	HCL	RANJISH KUMAR B	BDA
4	HCL	Sanjana K N	BDA
5	HCL	Satyavolu Surya Vamsi Krishna	AIML A

PLACEMENTS - haass

S.No	Company	Name	Branch
1	Hectae Analytics	HARISH KANDAVEL	CSBS

PLACEMENTS -

S.No	Company Name	Name	Branch
1	High Radius	Dwarakesh S	BDA
2	High Radius	S SAMTRRIPT VARMA	BDA



PLACEMENTS - **TATA** CONSULTANCY SERVICES

S.No	Company Name	Name	Branch
1	TCS	A Mohammed Faazil	AIML A
2	TCS	ABHINAVAKUMAR	BDA
3	TCS	ABINISHA P	BDA
4	TCS	Arjun J C	AIML A
5	TCS	B Divyadarshini	CSBS
6	TCS	Dhivyalakshmi V	AIML B
7	TCS	E.Abhishek	CSBS
8	TCS	G Dhathatreya sairagava vaivaswat reddy	AIML B
9	TCS	G.Kamaleeshwar	CSBS
10	TCS	K Gomathi Ganesan	AIML B
11	TCS	KAMAL SUNDAR	CSBS
12	TCS	Kaviya Varshini S R	AIML B
13	TCS	Nandhana Sreenivasan	AIML A
14	TCS	Nithyashree C	AIML A
15	TCS	RA Kaushik	CSBS
16	TCS	Rhea Ninan	BDA
17	TCS	S. Harish Srinivas	AIML A
18	TCS	SURRYA PRAKASH	BDA
19	TCS	Sindhuja K	BDA



PLACEMENTS - Infosys

S.No	Company Name	Name	Branch
1	Infosys	Prathyush P	AIML A

PLACEMENTS - KPMG

S.No	Company Name	Name	Branch
1	KPMG	Nivethakumari Rajnikandh	CSBS

PLACEMENTS - LTIMindtree

S.No	Company Name	Name	Branch
1	LTI Mindtree	Mithran R	AIML A



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JAN 2026-JUN 2026

Faculty NPTEL Achievement

Faculty NPTEL Achievement



Dr.Jayanthi
Assistant Professor(Sr.G)



Dr.Ulagammai
Associate Professor



Faculty NPTEL Achievement

S.NO	FACULTY NAME	COURSE NAME	ACHIEVEMENT
1	Dr.Jayanthi P	Fundamental Algorithms: Design and Analysis	Silver elite / Topper 2%
2	Dr.Bharathi N	Effective Engineering Teaching In Practice	Gold / Elite Topper 2%
3	Dr. Jessy Sujana	Effective Engineering Teaching In Practice	Silver elite
4	Deepa R	Effective Engineering Teaching In Practice	Silver elite
5	Dr. Jayalakshmi S	Effective Engineering Teaching In Practice	Silver elite
6	Dr. Arun Nehru J	Effective Engineering Teaching In Practice	Silver elite
7	Dr.Ulagammal M	DEEP LEARNING	NPTEL DISCIPLINE STAR
8	Dr.Jayanthi P	Programming, Data Structures and Algorithms	Elite
9	Dr.Ulagammal M	Artificial Intelligence: Knowledge Representation	Successfully completed
10	Dr.Ulagammal M	Mathematical Foundations of Machine Learning	Silver + Elite
11	Dr.Ulagammal M	Natural Language Processing	Elite
12	Ms.Dhivya	Software Testing	Elite
13	Dr.Jayanthi P	Data mining and decision making	Gold + Elite
14	Dr.Jayanthi P	Introduction to Internet of Things	Elite
15	Dr.Jayanthi P	Business Intelligence Analytics	Elite
16	Dr.Jayanthi P	Fundamental Algorithms: Design and Analysis	Elite
17	Dr.Preetha R	Mathematical foundations of machine Learning	Elite
18	Dr.Preetha R	Neural networks for computer vision and natural language Processing	Elite
19	Ms.Kavitha M	Software Testing	Elite
20	Ms.Praba R	Data mining	Elite
21	Ms.Sowmiya V	Software Testing	Elite



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JAN 2026-JUN 2026

PUBLICATION DETAILS 2025-2026



SL.	FACULTY NAME	TITLE OF PAPER	MONTH
1	Dr. B. Dhiyanesh	Advanced security in Industrial IoT: deep learning sensor fusion and quantum	Mar
2		Protecting patient healthcare using IIoT: a novel FM-RFES and Mann approach	Mar
3	Dr. Neelam Sanjeev Kumar	Analysis of precision cardiovascular disease classification using machine learning techniques	Jan
4		Hierarchical vision transformers for pneumonia classification: a study on hyperparameter impact	Jan
5		Personalized Healthcare Insights AI Driven Predictive Analysis and Intervention	Feb
6		Hybrid Machine Learning Framework for Secure Information Verification in Social Media	Feb
7		Accident-Prone Road Segment Prediction and Traffic Forecasting Using Machine Learning	Feb
8		Real-Time Detection of DDoS Detection and Mitigation by Hybrid Particle Swarm Optimization with CNN	April
9		A Hybrid CNN-LSTM and Fuzzy Inference System for Real-Time Cognitive Distraction in Drivers	April
10	Dr.S Jayalakshmi	A Novel Method of Chronic Kidney Disease Detection Based on Deep Learning Technique-	May
11	Dr. Jessy Sujana	Improved Genetic Algorithm Based on Fractals for Packet Scheduling in MANETs	Feb
12		Data-Driven Framework for Assessing Land Purchase Viability Using Geospatial Analytics	March
13		Edge forcing in tree-like architectures	April



S.L	FACULTY NAME	TITLE OF PAPER	DATE
14	Dr.Jayanthi P	Automated Sign Language Production for Subject Specific Learning	Jan
15		AI-Driven IoT System for Real-Time Elderly Safety and Threat	Jan
16		A Predictive IoT Framework for Continuous Vehicle Emission	Mar
17	Mr.Rajavel M	Med-Chain System for Patient Health Records	Jan
18		Hierarchical vision transformers for pneumonia classification: a study on hyperparameter impact	Jan
19	Dr.M.Ulagammai	Environmental DNA Metabarcoding for Assessing Freshwater Alien Species Invasions in Under-Monitored Tropical River Basins	Mar
20		SiaCon-DetNet with HySHO: a cutting-edge transformer-based deep learning framework for emotion-aware facial recognition	May
21	Dr.Mahesh C	Machine Learning-Based optimisation of data centre energy efficiency for intelligent transitions between renewable and the grid	Mar
22		SiaCon-DetNet with HySHO: a cutting-edge transformer-based	May
23	Dr.N.Bharathi	Supplier Selection under Epistemic Uncertainty Using a Bayesian BWM-Credal Ranking Integrated Fuzzy VIKOR Framework	Mar
24	Dr.Jessy Sujana G	Federated and Privacy-Preserving Adaptive Learning	June



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JAN 2026-JUN 2026

Faculty Achievement



Faculty Achievement

S.NO	Name of faculty	Honors/Award Received	Name of the Organization	Year of Award	Type of Recognition
1	Dr.M.Ulagammai	Building RAG Agents with LLMs	NVIDIA	01-02-2026	Appreciation certificate
2		Building AI Agents with Multimodal Models			
3	Dr.Jayanthi P	International Conference on Data Science, Agents and Artificial Intelligence 2026 (ICDSAAI2026)	Chennai Institute of Technology, Chennai	26-03-2026	Appreciation certificate
4		Mentor Hackathon	St. Joseph's Institute of Technology conducted in association with Computer Society of India	11-03-2026	Best Innovation
5	Dr. Neelam Sanjeev kumar	ICMMCS PROGRAM COMMITTEE MEMEBER	Berlin School of bussiness and Innovation	4-03-2026	Appreciation certificate
6		ICMMCS 2026			
7	M.Ulagammai	NLP on google cloud	Google	1-03-2026	Appreciation certificate
8	Ms.M.Kavitha	Conference	Velammal Engnieering College	17-03-2026	Appreciation certificate
9	Dr.K.MEENAKSHI	Conference	SRMIST - VADAPALANI CAMPUS	16-04-2026	Appreciation certificate
10	Dr.P.Jayanthi P	2nd Congress on Intelligent Machines and Algorithms (CIMA 2026)	NIT Puducherry	23-05-2026	Appreciation certificate



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JAN 2026-JUN 2026

Faculty Industry Immersion Programme



Faculty Industry Immersion Programme



PROGRAM & HOST ORGANIZATION:

- Generative AI and Security
- Stratova AI Pte. Ltd. (Regus, Shyamala Towers, Chennai)
- Date: 25.06.2026 to 30.06.2026 (5 Days)

FACULTY MEMBERS ATTENDED:

Mrs. Dhivya S, Mrs .Nivitha J , Ms.Vishnu Priya A , Assistant Professor (Department of Computer Science and Engineering)

KEY HIGHLIGHTS:

Covered core fundamentals of Generative AI, Large Language Models, Prompt Engineering, and Responsible AI practices. Explored AI-assisted secure software development, cybersecurity fundamentals, and threat landscape analysis. Practiced AI-driven cybersecurity applications for threat detection, incident response, risk mitigation, and hands-on secure development for research.



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JAN 2026-JUN 2026

SIMS Consultancy Project

SIMS Consultancy Project



SIMS SmartAssist:

AI-Powered Hospital Self-Service Digital Assistant



Faculty Mentors:

Dr. Chitra P (HOD) and Dr. Jayanthi P.

Scope: An interactive AI self-service platform designed to automate patient check-ins, streamline desk inquiries, and optimize digital assistant services within the hospital.



SIMS Consultancy Project



AI-Powered Hospital Telecaller Bot

Faculty Mentors:

Dr. N. Bharathi and Dr. S. Jayalakshmi.



Scope:

An intelligent conversational voice/text bot developed to handle automated appointment reminders, tele-calling inquiries, and outbound patient engagement.



SIMS Consultancy Project



Path Finder:

QR-Anchored Hybrid Indoor Navigation System for SIMS Hospitals

Faculty Mentors:

Dr. Jayanthi P and Dr. Dayana R.

Scope:

A real-time indoor wayfinding solution combining QR-anchored location tracking and hybrid positioning to help visitors, patients, and staff navigate the hospital premises.





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JAN 2026-JUN 2026

PATENT DETAILS 2026-27



PATENT DETAILS JAN 2026 - JUNE 2026

SL.	FACULTY NAME	TITLE OF PATENT	MONTH
1	Dr. Neelam Sanjeev Kumar	Intelligent threat aware mixed encryption model for provacy presevation in large scale data communication	12.06.2026
		Implimentation of a rag pipeline using multi agent architecture	12.06.2026
		Digital twin predictive maintence system	12.06.2026
		Automated Dysgraphia screening in indic script via topological skeletonization and structural intg	12.06.2026
		Self stabilizing spoon for parkinson patients	26.06.2026
		AI driven clincal decision support system for medication error prediction and reduction using machine learning and explainbale artificial intelligence	26.06.2026
		A secure multimodel artificial intelligence sustem withattention based fusion and blockchain logging for stroke diagnosis	26.06.2026
2	Dr.R.Dayana	Fuel tracking and driving behaviour analysis system using machine learning and gps based real time monitoring	29.05.2026
		System and method for behavioral sustainability transformation through algorithmic price decay and zero waste assessment	5.06.2026
		Agentic AI driven behavioral malware analysis and attack reconstruction platform	5.06.2026
		Email based OSINT profiling and insight generation system	5.06.2026
		DataTrust AI intelligent system for data quality assessment and trust scoring using anomaly detection	5.06.2026
		Mental Health Chatbot	5.06.2026
		System and method for behavioral financial transformation through psychological cost time conversion and gamified risk assessment	5.06.2026



S.L	FACULTY NAME	TITLE OF PATENT	DATE
3	Ms.A.Vishnupriya	Discovering the Kidney Brain Axis: Machine Learning Analysis of Chronic Kidney Disease Markers as Predictors of Cognitive Impairment	12.06.26
4	Ms.S.Dhivya	Discovering the Kidney Brain Axis: Machine Learning Analysis of Chronic Kidney Disease Markers as Predictors of Cognitive Impairment	12.06.2026
5	Ms.J.Nivitha	AI based waste detection and smart cleanup system	19.06.2026
6	Ms.M.Kavitha	AI based waste detection and smart cleanup system	19.06.2026
7	Ms.R.Prabha	AI based waste detection and smart cleanup system	19.06.2026
8	Dr.M.Ulagamai	Risk-Based VPN and Proxy Detection system using machine learning	12.06.2026
9	Dr.M.Ulagamai	Intelligent Autonomous agent for workflow automation	17.07.2026
10	Mr. M. V. Karthikeya, Mr. D. Nanda Kishore, Mr. C. Sai Thejas, Mr. Smaran S	Autonomous Driving and Advanced Driver Systems	10.04.2026
11	Eswaramuthu M, Sarvesh S, Kevin Benjamin Samuel	AI BASED END TO END SUPPLY CHAIN:DEMAND FORECASTING AND INVENTORY MANAGEMENT	29.05.2026
12	Dr. J. Arun Nehru,"Jayakeerthi MA V Yogesh R Ashwin"	Wearable Ring-Shaped Input Device with Dual-Capacitive Gated Gyroscope Gesture Recognition	3.05.2026



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JAN 2026-JUN 2026

Faculty's Article

AI APPLICATION FRAMEWORKS: BUILDING THE NEXT GENERATION OF INTELLIGENT APPLICATIONS

AI is no longer limited to answering questions or generating content. Today, intelligent applications can understand information, work with data, interact with users, connect to external tools, and support complex tasks. Behind this transformation is a growing ecosystem of AI application frameworks that helps turn powerful AI models into practical solutions.

A Large Language Model (LLM) is only one part of an AI application. To create a useful system, several components need to work together—the user interface, AI model, prompt management, data and retrieval, tools and APIs, memory, workflow, and evaluation. Together, these elements transform an AI model into a complete intelligent application.

Modern AI frameworks make this development easier. Retrieval-Augmented Generation (RAG) allows applications to retrieve relevant information from documents, databases, or knowledge bases before generating an answer. This makes AI applications more useful when working with specialised information. AI systems can also connect to APIs, databases, and external tools, allowing them to retrieve information, perform calculations, and support specific tasks.

The AI ecosystem is expanding rapidly, with frameworks such as LangChain, LlamaIndex, Semantic Kernel, Hugging Face Transformers, and Haystack, along with model-provider SDKs and agent frameworks. Each offers different capabilities, but their common purpose is to make it easier to build intelligent applications without developing every component from scratch.

One exciting development is the emergence of AI agents. Imagine an AI research assistant that receives a question, searches sources, analyses findings, identifies insights, and prepares a structured report. This represents a shift from AI that simply responds to AI that can increasingly work through a task.

With greater capability, however, comes greater responsibility. AI applications must be developed with attention to accuracy, privacy, security, transparency, ethics, reliability, and human oversight. A successful AI system is not one that merely produces impressive responses; it is one that provides useful results while operating within appropriate boundaries.

As we look ahead, AI application frameworks will continue to evolve and bring intelligent capabilities closer to everyday applications and real-world challenges. By combining innovation with responsibility, we can move from simply using AI to building intelligent solutions that make a meaningful difference.

**By Dr. P. Chitra, Professor & Head,
DCSE(Emerging Technologies),
SRMIST, VAdapalani, Chennai-26**



BLOCKTHREAT ENTERPRISE: AN ADVANCED BLOCKCHAIN THREAT INTELLIGENCE PLATFORM

INTRODUCTION

With the rapid growth of blockchain technology and Web3 applications, cyberattacks targeting digital assets have increased significantly. Organizations involved in cryptocurrencies, decentralized finance (DeFi), NFTs, and blockchain services require proactive security measures to protect their infrastructure. BlockThreat Enterprise is a specialized blockchain threat intelligence platform designed to help enterprises identify, monitor, and mitigate cyber threats before they cause financial or operational damage.

BlockThreat Enterprise provides real-time intelligence on blockchain attacks, malicious wallets, ransomware activities, smart contract vulnerabilities, phishing campaigns, and emerging threat actors. By delivering customized threat reports and actionable insights, it enables organizations to strengthen their cybersecurity posture.

KEY FEATURES OF BLOCKTHREAT ENTERPRISE

1. Real-Time Threat Intelligence

The platform continuously monitors blockchain networks and dark web activities to identify new threats and vulnerabilities

2. Custom Threat Feeds

Organizations receive tailored intelligence feeds based on their business operations, including:

- Malicious wallet addresses
- Smart contract exploits
- Cryptocurrency scams
- Web3 attack campaigns

3. Monthly Security Reports:

- Subscribers receive detailed reports highlighting:
- Emerging blockchain threats
- Recent cyberattack trends
- Security recommendations
- Risk assessment and mitigation strategies

4. Threat Actor Tracking:

BlockThreat Enterprise profiles cybercriminal groups and monitors their tactics, techniques, and procedures (TTPs), helping organizations anticipate future attacks.

5. Incident Response Support

The platform assists security teams by providing indicators of compromise (IOCs) and forensic intelligence to accelerate incident investigation and recovery.

Article By,
Dr.K.Meenakshi,Assistant Professor(SG),
Department of CSE(ETech),
SRMIST, Vadapalani Campus, Chennai.



DIGITAL TWINS AND AI: BUILDING THE FARM OF THE FUTURE

Agriculture is entering a new technological era where Artificial Intelligence (AI), satellite remote sensing, drones, Internet of Things (IoT) and robotics are transforming traditional farming into intelligent, data-driven agriculture. One of the most promising emerging technologies is the **Digital Twin**, a virtual representation of a real farm, crop or agricultural machine that is continuously updated using real-time data.

A recent study published in Discover Agriculture in September 2026 highlights the growing role of Digital Twins in monitoring, simulating and optimizing agricultural systems. These virtual models can combine information from soil sensors, weather stations, satellites, drones and farm machinery to help predict crop stress, water requirements, disease outbreaks and yield.

India is also moving towards this technology. The **CHAAYANKAN** initiative brings together the Tea Board of India, ISRO's National Remote Sensing Centre and NIT Rourkela to develop AI-based geospatial analytics for tea plantations. It integrates satellite and UAV hyperspectral data with ground observations and weather information to monitor crop stress, pests, diseases and yield.

The combination of **AI + Digital Twins + Remote Sensing + IoT** could enable farmers to test decisions virtually before implementing them in the field. This emerging approach has the potential to make agriculture more precise, sustainable, resource-efficient and resilient to climate change.

"The farm of the future will not only be observed in the field, it will also exist as a living digital model."

Article By,
Ms.S.Poornima,Assistant Professor(JrG),
Department of CSE(ETech),
SRMIST, Vadapalani Campus, Chennai.



SECURING AGENTIC AI: CHALLENGES IN THE AGE OF AUTONOMOUS INTELLIGENCE

Artificial Intelligence is moving beyond systems that simply answer questions or generate content. The emergence of Agentic AI represents a new phase in which AI systems can plan tasks, use tools, interact with external applications, maintain context, and take actions with varying degrees of autonomy. This transition from “AI that responds” to “AI that acts” creates significant opportunities, but also introduces new cybersecurity challenges.

An AI agent may access databases, emails, APIs, cloud platforms, software repositories, and other digital resources to accomplish a task. Therefore, a security failure may no longer produce merely an incorrect answer; it could result in an unintended real-world action. NIST's recent work on AI-agent security highlights the need to adapt traditional cybersecurity practices to systems capable of autonomous action.

Six Key Security Challenges:

The **OWASP** (Open Worldwide Application Security Project) **Top 10 for Agentic Applications 2026** identifies security risks specifically associated with autonomous and agentic systems.

- **Agent Goal Hijacking:** Malicious instructions hidden in webpages, documents, emails, or other external content can manipulate an agent's objective and cause unintended actions.
- **Tool Misuse and Exploitation:** Agents frequently interact with APIs, databases, browsers, and software tools. If manipulated, legitimate tools may be used in unintended ways.
- **Identity and Privilege Abuse:** Excessive permissions can allow an agent to access resources beyond what is required. The principle of least privilege is therefore essential.
- **Agentic Supply Chain Vulnerabilities:** Agents may depend on external models, plugins, APIs, libraries, and other components. A compromised dependency can introduce vulnerabilities into the entire system.
- **Unexpected Code Execution:** Coding agents may generate or execute software. Without appropriate isolation and validation, unsafe code could affect the underlying system.
- **Memory and Context Poisoning:** Persistent memory can improve an agent's performance, but malicious or incorrect information inserted into memory may influence future decisions.

Building Secure Agentic Systems:

Security must be incorporated throughout the agent lifecycle. Strong identity and access controls should define what an agent can access, while least-privilege permissions should restrict it to only the resources required for its task. Human approval should be required for high-impact actions such as financial transactions, deletion of critical data, or changes to sensitive systems.

Agents that execute code should operate in sandboxed environments, while continuous monitoring and logging should track important decisions, tool calls, and actions. Regular security testing and adversarial evaluation can help identify weaknesses before they

The Road Ahead

Agentic AI has the potential to transform education, healthcare, research, software development, manufacturing, and business operations. However, increasing autonomy must be accompanied by appropriate safeguards.



SECURING AGENTIC AI: CHALLENGES IN THE AGE OF AUTONOMOUS INTELLIGENCE

The key question is no longer simply “What can an AI agent do?”, but “What should an AI agent be allowed to do, under what conditions, and how can we ensure that it remains within those boundaries?”

The future of Agentic AI will depend on balancing autonomy with control. Intelligent agents must be not only capable, but also secure, observable, accountable, and trustworthy. As AI moves from generating answers to taking actions, cybersecurity must evolve with it. Securing the future of Agentic AI is a shared responsibility.

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Ministral 3: Small AI Models for the Edge

Artificial Intelligence is increasingly moving from large cloud-based models toward compact, efficient models that can operate closer to users and devices. Ministral 3, Mistral AI's latest small-model family, represents this shift toward efficient, locally deployable AI.

Ministral 3 includes 3B, 8B, and 14B parameter models, designed to deliver useful language and reasoning capabilities while requiring substantially fewer computational resources than very large language models. With a 256K context window, the models can process long documents and support applications such as document understanding, local assistants, coding, and enterprise AI.

A key advantage of Ministral 3 is its suitability for edge and local inference. Instead of sending every request and sensitive document to a cloud server, organizations can deploy compact models on local infrastructure, improving privacy, reducing latency, and potentially lowering inference costs.

From a technical perspective, the importance of Ministral 3 extends beyond parameter count. Efficient attention mechanisms, optimized inference, quantization, and hardware-aware deployment are becoming essential for achieving high performance-per-watt and performance-per-parameter.

Ministral 3 also supports capabilities such as function calling and structured outputs, making it relevant for AI-agent applications.

The emerging direction is clear: SLMs + Edge AI + RAG + AI Agents can create intelligent systems that are faster, more private, and increasingly autonomous.

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JAN 2026-JUN 2026

Student's Article

From Campaign Data to Action: My Internship Experience at Pixis AI

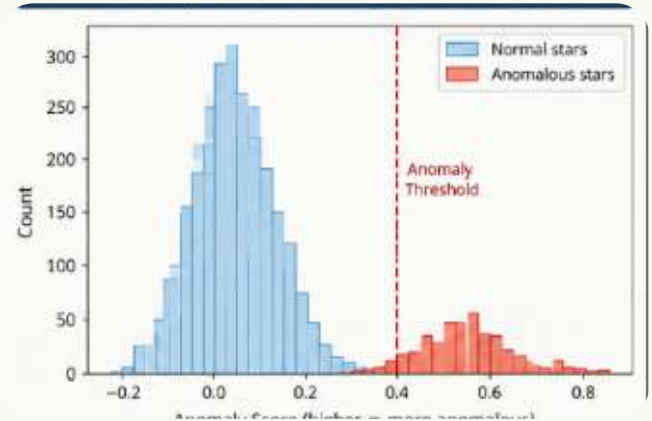
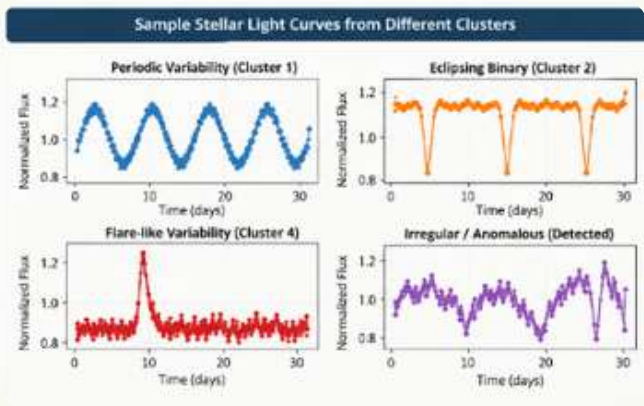
During my two-month internship at Pixis AI as a Product Analyst Intern, I gained hands-on exposure to AI-powered marketing automation, Meta Ads campaign analysis, and agent-based workflows. My primary project, Autonomous Marketing Agent - Campaign Manager V1, focused on developing a prototype that could automatically analyze campaign performance and identify common advertising issues. Using Python, I built a rule-based campaign diagnosis engine capable of detecting creative fatigue, tracking issues, auction pressure, and budget pacing problems. The system also calculates a campaign health score and generates structured recommendations based on the issues detected. Sample campaign datasets were created in JSON to test different scenarios before future integration with live campaign data. The project also introduced me to technologies and workflows involving Hermes AI, Composio, Meta Ads, Git, and GitHub. Beyond technical development, the internship taught me how to translate a business problem into a structured and testable software solution. This experience strengthened my understanding of AI agents, marketing automation, product thinking, and modular software development, while giving me valuable exposure to building technology for real-world business applications.

A key learning from the project was understanding how an autonomous system can move from raw campaign metrics to meaningful decisions while remaining within clearly defined rules. I worked on structuring the project into separate components for diagnosis, reporting, testing, and documentation, making the prototype easier to maintain and extend. I also learned the importance of validating individual rules with different campaign scenarios rather than relying on a single test case. Working with Git and GitHub helped me manage changes systematically and document the development process. The next stage of the project could replace the sample JSON input with live Meta Ads data, allowing the diagnosis engine to operate as part of a broader Hermes workflow. Future extensions could include historical trend analysis, automated alerts through communication platforms, adaptive thresholds, and approval-based campaign optimization. Overall, the internship gave me a practical perspective on how product analysis, software development, and AI-agent concepts can come together to address a real business problem. It also helped me develop a stronger approach to experimentation, documentation, debugging, and designing solutions that can evolve beyond an initial prototype.

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Mapping Stellar Behaviour with Machine Learning



Stars may appear unchanged when viewed from Earth, but their brightness can vary significantly over time. These variations, recorded as stellar light curves, can reveal patterns such as pulsations, flares, eclipses and periodic changes. With millions of observations being collected by NASA's TESS mission, I have explored how machine learning can be used to examine this data and uncover patterns that may not be immediately visible through conventional analysis.

In this project, I have used an unsupervised machine learning approach so that patterns can be identified directly from the observations rather than being restricted to predefined categories. The TESS light curves are cleaned and normalized before their statistical and temporal characteristics are extracted. These representations are then grouped using clustering techniques, while anomaly detection is used to highlight stars whose behaviour differs from the dominant patterns. This allows different forms of stellar variability to be viewed together while bringing unusual observations into focus.

The investigation does not stop at identifying unusual light curves. The detected patterns are also examined alongside stellar information from Gaia, allowing relationships between unusual variability and stellar characteristics to be explored. I have treated these unusual observations as candidates for further study rather than immediately labelling them as new phenomena. Through this combination of astronomical data and machine learning, the project aims to provide another way of looking at stellar behaviour and bring lesser-known patterns forward for further investigation.

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