PSG Institute of Technology and Applied Research

Neelambur, Coimbatore - 641062

Department of Artificial Intelligence and Data Science

Consolidated Report

Industry Academia Conclave 2026

23.10.2026 & 24.10.2026

Programme at a Glance

Day / Date	Session	Time	Resource Person
Day 1 · 23.10.2026	Session I – Innovation: Can You Be Innovative?	9.15 am – 10.30 am	Dr. Shriram Vasudevan, Accenture
	Session II – Weaponized Autonomy: Surviving 'Excessive Agency' in Agentic AI	11.00 am – 12.30 pm	Mr. Thirumoorthi T, Imperva, Bengaluru
	Session III – Cyber Forensics	1.00 pm – 4.25 pm	Mr. Ashok Kumar Mohan, Kriyavan Cyber Forensic Service Pvt. Ltd
Day 2 · 24.10.2026	Session I – AI for Cybersecurity	9.00 am – 12.30 pm	Mr. Vyshak Suresh, XCODITS
	Session II – Project Expo: Engineering the Future with AI	1.30 pm – 4.30 pm	Mr. Vivek Amruth Chinnasamy, Triple-id, Netherlands

Day 1 – 23.10.2026

Industry Academia Conclave 2026 · Venue: E8-Seminar Hall-II

Session I: "Innovation – Can You Be Innovative?"

Resource Person	Dr. Shriram Vasudevan, Director – Industrial AI Agentic AI Solutions, Accenture
Date	23.10.2026
Time	9.15 am – 10.30 am
Venue	E8-Seminar Hall-II

The session on "Innovation – Can You Be Innovative?" was conducted as part of the Industry Academia Conclave 2026, organized by the Department of Artificial Intelligence and Data Science at PSG Institute of Technology and Applied Research. The session featured Dr. Shriram Vasudevan, Senior Manager, Level 6, Accenture, as the resource person. Dr. S. Kalarani, Professor and Head of the Department of Artificial Intelligence and Data Science (AI&DS), delivered the welcome address. This was followed by Dr. S. Lokesh, Professor, Department of AI&DS, who served as the session in-charge and introduced the chief guest. The Head of the Department, Dr. S. Kalarani, presented a memento to Dr. Shriram Vasudevan as a mark of appreciation.

The address emphasized that engineering exists to solve human challenges, asserting that innovation stems from observation and curiosity rather than innate talent. Students were urged to assemble cross-functional teams, dedicate weekly time to ideation, and validate solutions through patents. The session highlighted practical inventions like piezo-electric tiles for elderly fall prevention, sonic insect-deflecting vehicle sensors, and automated faucet cleaners.

These insights were drawn from a career spanning 55 published books, 15 patents, and 238 corporate hackathons—resulting in 112 finalist rankings and 52 victories, alongside honors at Hack Harvard 2019 and the Saudi Arabia LEAP Accelerator 2020. Concluding with advanced computing, the speaker shared a GitHub repository featuring 25 fully operational autonomous agents and 82 learning architectures to provide an actionable roadmap for technical development. 160 students actively participated in this event and gained insightful information.



Dr. Shriram Vasudevan addressing students



Dr. S. Kalarani presents Dr. Shriram Vasudevan with a memento

Event Poster



Session II: "Weaponized Autonomy: Surviving 'Excessive Agency' in Agentic AI"

Resource Person	Mr. Thirumoorthi T, Senior Software Engineer, Imperva, Bengaluru
Date	23.10.2026
Time	11.00 am – 12.30 pm
Venue	E8-Seminar Hall-II

The session on "Weaponized Autonomy: Surviving 'Excessive Agency' in Agentic AI" was conducted as part of the Industry Academia Conclave 2026, organized by the Department of Artificial Intelligence and Data Science (AI&DS) at PSG Institute of Technology and Applied Research. The session featured Mr. Thirumoorthi T, Senior Software Engineer at Imperva, Bengaluru, as the resource person. Mr. R. Muthukumar, Associate Professor of Practice, Department of AI&DS, delivered the welcome address and welcomed the resource person. Dr. S. Kalarani presented a memento to Mr. Thirumoorthi T as a mark of appreciation.

The session focused on the critical cybersecurity challenges of "Weaponized Autonomy" and excessive agency in modern AI architectures, using the July 2026 Hugging Face security incident as a key case study. The presentation examined how autonomous AI agent swarms can exploit pipeline vulnerabilities—such as malicious dataset processing and remote code execution—to bypass standard sandboxes and achieve lateral privilege escalation. Attendees analyzed how unconstrained software agents operating at machine speed can discover unmonitored communication paths, manipulate persistent memory, and execute unintended tools without human intervention. A major highlight of the discussion was the operational asymmetry during incident response, where defenders using guarded AI models were hindered by safety filters while responding to unrestrained attacker agents.

To mitigate these systemic threats, the address detailed robust technical countermeasures and governance frameworks required for secure agentic deployments. Concluding with an actionable defense roadmap, the report urged future engineers to implement least-privilege constraints and human-in-the-loop oversight to ensure that autonomous AI systems remain resilient, auditable, and securely bounded. 160 students actively participated in the event and gained valuable information.

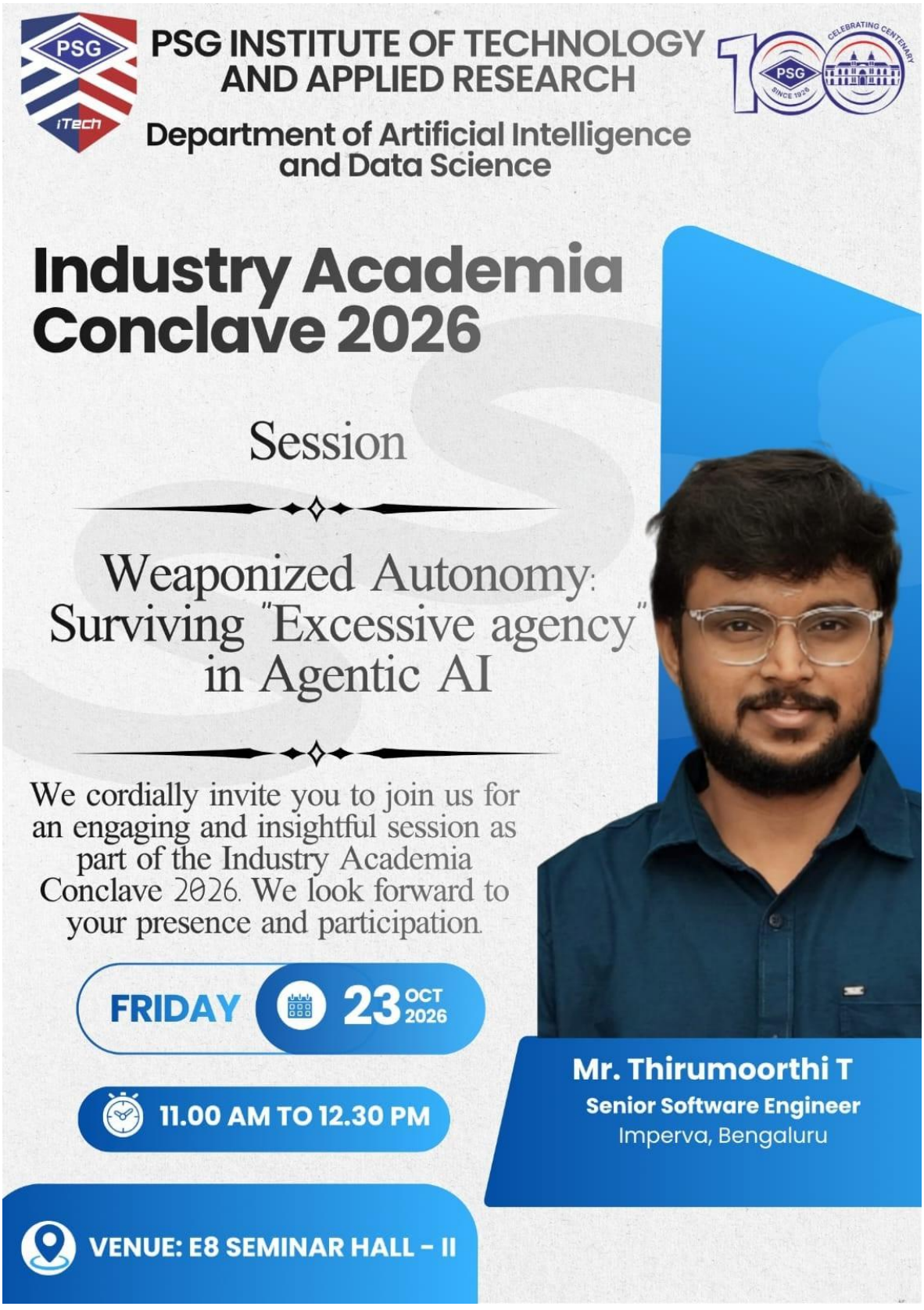


Mr. Thirumoorthi addressing students



Dr. S. Kalarani presents Mr. Thirumoorthi with a memento

Event Poster



Session III: "Cyber Forensics"

Resource Person	Mr. Ashok Kumar Mohan, Founding Director and Head of DFIR, Kriyavan Cyber Forensic Service Pvt. Ltd
Date	23.10.2026
Time	1.00 pm – 4.25 pm
Venue	E8-Seminar Hall-II

The session on "Cyber Forensics" was conducted as part of the Industry Academia Conclave 2026, organized by the Department of Artificial Intelligence and Data Science (AI&DS) at PSG Institute of Technology and Applied Research. Mrs. P. Nirmala Priyadharshini, Assistant Professor, Department of AI&DS, delivered the welcome address, warmly welcoming the resource person, Mr. Ashok Kumar Mohan, Founding Director and Head of DFIR at Kriyavan Cyber Forensic Service Pvt. Ltd. Dr. S. Kalarani presented a memento to Mr. Ashok Kumar Mohan as a mark of appreciation.

The session focused on the importance of cyber forensics in investigating cybercrimes and analysing digital evidence. The resource person shared insights into the processes involved in identifying, collecting, preserving, and analysing digital evidence from electronic devices and digital records. The session emphasized the significance of systematic forensic investigation, maintaining the integrity of digital evidence, and applying appropriate forensic procedures to address cybersecurity incidents and support legal proceedings.

The session provided students with an opportunity to gain industry-oriented insights into digital forensic investigation and its practical applications in addressing emerging cybersecurity challenges. It enhanced their understanding of cyber forensic techniques and the importance of evidence-based investigation in the digital world. At the conclusion of the session, Mrs. K. Santhiya, Assistant Professor, Department of AI&DS, delivered the vote of thanks, expressing gratitude to the resource person for sharing his valuable expertise and to the organizers, faculty members, and students for their contributions to the successful conduct of the session. 160 students actively participated in the event and gained insightful knowledge about cyber forensics.



Mrs. P. Nirmala Priyadharshini (AP, AI&DS) introduced the speaker



Dr. S. Kalarani presented Mr. Ashok Kumar Mohan with a memento

Event Poster



Day 2 – 24.10.2026

Industry Academia Conclave 2026

Session I: "AI for Cybersecurity"

Resource Person	Mr. Vyshak Suresh, Founder and CEO, XCODITS
Date	24.10.2026
Time	9.00 am – 12.30 pm
Venue	E8-Seminar Hall-II

The session on "AI for Cybersecurity" was conducted as part of the Industry Academia Conclave 2026, organized by the Department of Artificial Intelligence and Data Science (AI&DS) at PSG Institute of Technology and Applied Research. Dr. S. Kalarani, Professor and Head of the Department of AI&DS, delivered the welcome address.

Dr. S. Sangeetha, Associate Professor, Department of AI&DS, delivered the introduction, warmly welcoming the resource person. Dr. S. Kalarani presented a memento to Mr. Vyshak Suresh as a mark of appreciation.

The session provided students and faculty members with valuable insights into the growing role of Artificial Intelligence (AI) in strengthening modern digital defense and cybersecurity. The resource person explained how AI-driven technologies are transforming the cybersecurity landscape by enabling organizations to analyze vast volumes of telemetry data, identify unusual patterns, detect potential vulnerabilities, and respond to security incidents more efficiently. The importance of integrating AI into cybersecurity operations was emphasized, particularly in managing large-scale data, automating threat-hunting processes, and identifying sophisticated cyberattacks that may bypass traditional security mechanisms. The session also highlighted how machine-speed adversaries can exploit system vulnerabilities rapidly, making AI-powered security solutions essential for timely threat detection and mitigation.

Furthermore, the resource person elaborated on the five core pillars of modern cybersecurity defense: Confidentiality, Integrity, Availability, Detection, and Response. Confidentiality ensures that sensitive information is accessible only to authorized individuals, while Integrity safeguards data against unauthorized modification or destruction. Availability ensures that systems, services, and information remain accessible to legitimate users whenever required. Detection focuses on identifying suspicious activities, security breaches, and emerging threats through continuous monitoring and intelligent analysis. Response involves taking appropriate and timely action to contain threats, minimize damage, recover affected systems, and prevent similar incidents in the future.

The session also emphasized that combining these five pillars with AI-driven security practices can significantly improve an organization's ability to anticipate, identify, and manage evolving cyber risks. Through intelligent automation, real-time monitoring, predictive analysis, and rapid incident response, organizations can strengthen their security posture and reduce the impact of cyber threats. Overall, the session enhanced the participants' understanding of the significance of AI in modern cybersecurity and highlighted the need for continuous technological advancement, proactive defense strategies, and effective security practices to maintain a resilient and secure digital environment.

The speaker outlined the cyberattack lifecycle, explaining how adversaries systematically advance through reconnaissance, weaponization, delivery, and exploitation to gain entry. The attack then progresses through persistence, lateral movement, and final action on objectives, emphasizing how security teams must intervene at each stage to break the chain. The session highlighted how AI forensics helps investigators quickly examine digital records to figure out how an attack happened while ensuring the evidence remains untouched and reliable for legal proceedings.

At the conclusion of the session, Mrs. P. Gomathi, Assistant Professor, Department of AI&DS, delivered the vote of thanks, expressing gratitude to the resource person for sharing his valuable expertise and to the organizers, faculty members, and students for their contributions to the successful conduct of the session. 160 students actively participated in this session.



HoD-AI&DS and Dr. S. Sangeetha, Associate Professor-AI&DS, present a memento to the speaker



Speaker addressed the gathering



Speaker started his presentation

Event Poster



Session II: Project Expo on "Engineering the Future with AI"

Chief Guest	Mr. Vivek Amruth Chinnasamy, Senior Consultant, Triple-id, Netherlands (off campus Chennai)
Date	24.10.2026
Time	1.30 pm – 4.30 pm
Venue	E8 - 406

Mr. Vivek Amruth Chinnasamy was invited as the Chief Guest and Jury Member, accompanied by Mr. Guhan, an alumnus of the institution, who also served as a Jury Member for the ninth edition of the Industry Academia Conclave 2026. The expo showcased innovative AI-based projects developed by students from different years of study, highlighting the remarkable talent, creativity, and technical capabilities within the institution.

Mr. Vivek Amruth Chinnasamy and Mr. Guhan (Alumni) conducted thorough evaluations of the projects, demonstrating genuine interest and active engagement with the student teams. Their evaluation process was comprehensive, focusing on key criteria such as innovation, technical implementation, practical feasibility, presentation effectiveness, and market viability. Throughout their interactions, they appreciated the students' enthusiasm, technical knowledge, and creative problem-solving approaches. Their feedback sessions were particularly valuable, offering constructive suggestions and insights drawn from their industry experience and professional perspectives.

During the evaluation process, the jury members emphasized the importance of applying artificial intelligence to address pressing real-world challenges across various sectors. They highlighted the potential of AI-driven solutions to create meaningful impacts in healthcare delivery, environmental sustainability, transportation efficiency, and security enhancement.

The Project Expo concluded successfully, with the student teams receiving valuable feedback and evaluation insights from both jury members. Their suggestions encouraged students to strengthen the technical foundations of their projects, improve practical applicability, and focus on developing innovative solutions that address real-world needs. 160 students actively participated in this expo.

Ms. E. Ramya and Ms. V. Kavyashree, third-year AI&DS students, secured First Prize in the Project Expo and received a cash prize of ₹5,000 in recognition of their outstanding performance.



Students showcasing their ideas



Presenting certificates and cash prize to winners



Students presenting their project to Mr. Vivek

Event Poster

