

Report on Knowledge Sharing Session “Future Ready AI and Cybersecurity: Trends, challenges and Innovations”

Resource Person: Dr.Ramesh Perumal, Ph.D, AI solution Architect, Intel, Malaysia

Programme Title: Deploying Computer vision and generative AI Application on commodity computers using Intel AI tools.

Date: 25.07.2026

Summary

The session featured **Dr. Ramesh Perumal**, Ph.D., AI Solution Architect, Intel, Malaysia, as the resource person. With his expertise in Artificial Intelligence and industry experience, Dr. Ramesh provided valuable insights into the practical implementation and deployment of Computer Vision and Generative AI applications using Intel’s AI ecosystem and tools.

A major focus of the session was Computer Vision, where participants were introduced to the application of AI techniques for processing and interpreting images and visual information. The discussion covered practical aspects of developing computer vision solutions and highlighted the importance of optimized AI models for efficient execution on commonly available computing platforms.

The session also provided insights into **Generative AI**, its rapidly expanding applications, and the challenges involved in deploying generative AI workloads efficiently. Participants gained an understanding of how AI models can be optimized and deployed using suitable hardware and software tools to achieve improved performance and resource utilization. The resource person demonstrated the relevance of Intel AI tools and optimization technologies in developing practical AI applications..

Event Poster:



Dr. MAHALINGAM
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RESEARCH INTEREST GROUP

“Data Science”

Knowledge Sharing Session

UNLEASHING AGENTIC ENTERPRISE WORKFLOW
AUTOMATION APPLICATIONS ON THE EDGE



Dr.Ramesh Perumal, Ph.D,
AI Solutions Architect, Intel,
Malaysia

Venue : Research Lab(A525)
Date : 25/07/2026
Time : 03.00 PM

Organizers: Dr.S.Raja Rajeswari, AP(SG)/MCA,
Ms.P.Kalaivani, AP(SS)/IT

All are cordially Invited !!!

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Photos taken during the session:



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