DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT - SEMINAR ON "EMPOWERING HUMAN CAPITAL IN THE ERA OF ARTIFICIAL INTELLIGENCE"

Title: Seminar on "Empowering Human Capital In The Era Of Artificial Intelligence"

Date: 2nd February 2026

Venue: AVIT, Chennai Campus

Resource Person: Mr. Prakash velayudam, Founder & CEO, VPS Codebuilders, Pondichery

Organized By: Department of Computer Science and Engineering with AI Nexus Club & IIC

Category: As part of Silver Jubilee year Celebrations & AICTE "AI FOR ALL"

Introduction

In the rapidly evolving technological landscape, Artificial Intelligence (AI) has emerged as a key driver of innovation, productivity, and economic growth. Recognizing the need to prepare students and professionals for this transformation, a seminar titled "Empowering Human Capital in the Era of Artificial Intelligence" was organized as part of the VMRF Silver Jubilee Year celebrations and the AICTE – AI for ALL initiative, aligned with the thematic area "Human Capital for an AI-Ready Workforce."

The seminar aimed to bridge the gap between academic learning and industry expectations by highlighting the skills, mindset, and adaptability required in the AI-driven workforce. The session emphasized how human capital can be strengthened through continuous learning, interdisciplinary skills, and responsible adoption of AI technologies.

The seminar witnessed active participation from students and faculty members, fostering meaningful interaction and industry-oriented learning.

Objective of the Workshop

- To create awareness about the impact of Artificial Intelligence on the future workforce.
- To highlight the skills and competencies required for an AI-ready workforce.
- To emphasize the importance of human–AI collaboration rather than replacement.
- To provide industry insights on career opportunities and emerging job roles in AI.
- To align student learning with AICTE's vision of inclusive and accessible AI education.
- To motivate students towards continuous learning and skill upgradation.

Outcomes

- Participants gained foundational knowledge of AI-driven workforce transformation, strengthening engineering fundamentals.
  (Mapped PO: PO1 – Engineering Knowledge)
- Students developed the ability to analyze industry trends and workforce requirements in the AI era.
  (Mapped PO: PO2 – Problem Analysis)
- The seminar enhanced understanding of designing solutions that integrate human skills with AI technologies.
  (Mapped PO: PO3 – Design/Development of Solutions)
- Participants became familiar with modern tools, platforms, and practices used in AI-based industries.
  (Mapped PO: PO5 – Modern Tool Usage)
- Awareness was created regarding the societal and ethical implications of AI on employment and human capital.
  (Mapped PO: PO6 – Engineer and Society)
- The session encouraged self-directed learning, adaptability, and professional growth in emerging technologies.
  (Mapped PO: PO12 – Life-long Learning)

Key takeaways

- Artificial Intelligence is transforming jobs, but human skills remain central to innovation and decision-making.

- The future workforce must focus on AI literacy, adaptability, and interdisciplinary competencies.
- Continuous upskilling and reskilling are essential to remain relevant in an AI-driven economy.
- Human–AI collaboration can significantly enhance productivity and problem-solving capabilities.
- Ethical considerations and responsible AI usage are crucial for sustainable workforce development.
- Industry–academia interaction plays a vital role in preparing students for real-world AI challenges.

Coordinator HoD/CSE

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AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Vinayaka Missions Chennai Campus

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Department of Computer Science and Engineering &
AI NEXUS CLUB

Presents a seminar on

Empowering Human Capital in the Era of Artificial Intelligence

Aligned with AICTE thematic area
"Human Capital for an AI-Ready Workforce"

Resource Person
Mr. Prakash Velayudam
Founder & CEO
VPS Codebuilders, Puducherry

02 February 2026
10:00 AM - 12:00 Noon
Intel Lab, AVIT, Chennai

As part of the Silver Jubilee Year Celebrations of VMRF-DU

AI NEXUS CLUB | INDIAai | INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative) | AI IMPACT SUMMIT

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