PSG Institute of Technology and Applied Research
Coimbatore-641062
Department of Computer Science and Engineering

Ideation Workshop on 29.11.2024

"First Principles of Thinking and Systems Thinking in the Age of AI"

On 29th November 2024, the Department of Computer Science and Engineering hosted an insightful and engaging session on "First Principles of Thinking and Systems Thinking in the Age of AI", conducted by Mr. Jayanth Bagare, Chief Development Architect at SAP. The session aimed to provide students with a deeper understanding of how to approach complex problems in the context of AI and software development.

The session commenced with an introduction by Dr. Manimegalai, Head of the CSE Department, who extended a warm welcome to the chief guest, Mr. Jayanth Bagare. Dr. Manimegalai also shared details about the department's ongoing partnerships with SAP Labs, including opportunities for internship projects and capsule projects. Dr. Kalarani, alongside Dr. Manimegalai, warmly welcomed the esteemed speaker and shared her enthusiasm about the valuable insights the session would offer to the students.

The main theme of the session revolved around the WHY, WHAT, WHO, and HOW of problem-solving using first principles and systems thinking. The session provided insights into breaking down complex systems to their core components and rebuilding them from the ground up, allowing for innovative problem-solving approaches.

The workshop included interactive, hands-on sessions where students:

- Discussed how to build the foundational elements of an application from the ground up.
- Explored how to manage and resolve issues related to the abundance of data on social media platforms.
- Engaged in a demo on LOOPY, a tool for understanding and addressing patterns within complex problems.

At the conclusion of the session, Mr. Jayanth Bagare addressed the students' queries, offering additional insights into the application of first principles and systems thinking. Ms. S.S.Saranya delivered the conclusion speech, summarizing the key takeaways from the session. The session was a highly successful event, providing students with not only practical knowledge but also a deeper understanding of how to approach problem-solving in the age of artificial intelligence. It served as a valuable opportunity to bridge the gap between theoretical concepts and real-world industry practices.

The workshop started with a Prayer song

Dr. Manimegalai, Head of the CSE Department, who extended a warm welcome to the chief guest

Dr Kalarani welcomes the resource person, Dr Jayanth Bagare

Dr Jayanth Bagare addressing students on "First Principles of Thinking and Systems Thinking in the Age of AI"

Irugur,Tamil Nadu,India
Nh 544, Neelambur, Irugur, 641062, Tamil Nadu, India
Lat 11.064761, Long 77.093084
11/29/2024 03:10 PM GMT+05:30
Note : Captured by GPS Map Camera
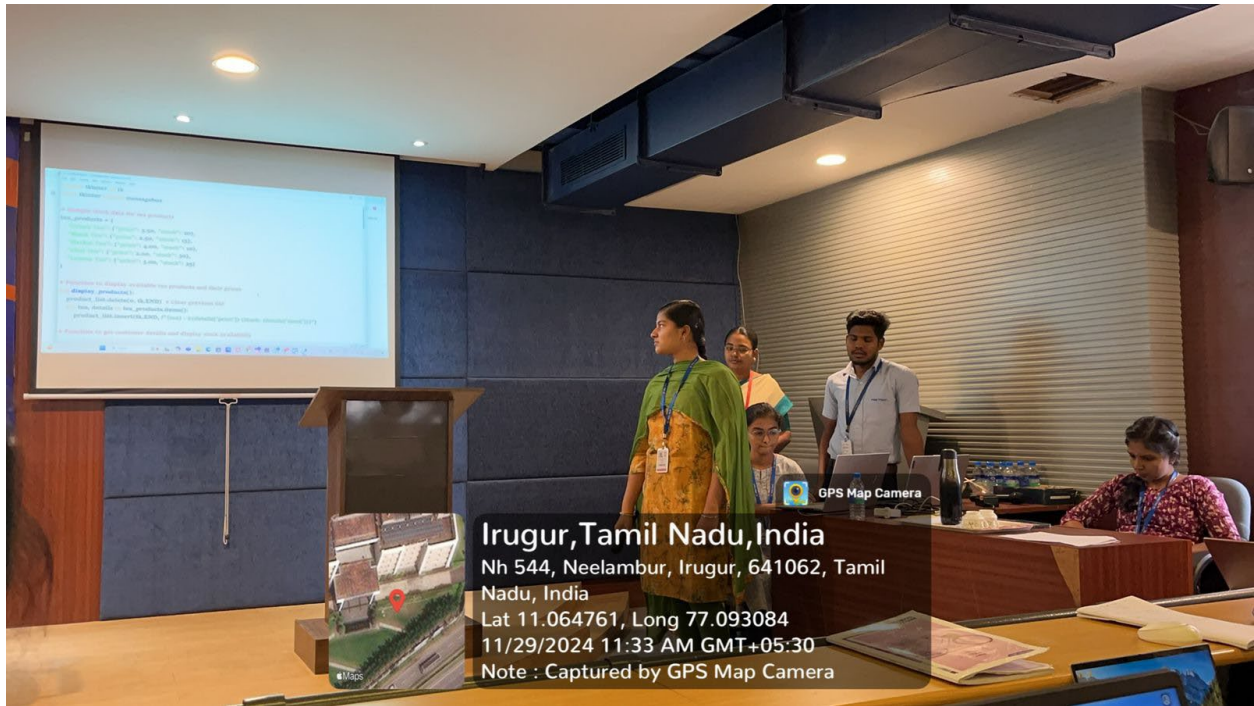

Irugur,Tamil Nadu,India
Nh 544, Neelambur, Irugur, 641062, Tamil Nadu, India
Lat 11.064761, Long 77.093084
11/29/2024 11:36 AM GMT+05:30
Note : Captured by GPS Map Camera

The students presented their innovative ideas for the given problem statement during the workshop.

Dr.Kalarani presented a memento to the chief Guest Mr.Jayanth Bagare

Ms.S,S,Saranya, Assistant Professor(Sr.Gr), CSE department delivered the vote of thanks, and summarized the key takeaways from the session.