



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Event: Workshop on Problem Solving and Ideation

Venue: Tejas Seminar Hall, NHCE

Time: 10:00 AM to 4:30 PM



Institutions Innovation Council

in association with

Department of Artificial Intelligence & Machine Learning

Organise

An Workshop On

Problem Solving and Ideation

 **13th November 2024 | 10:00 am to 4:30 pm**

 **Tejas Seminar Hall, SVP Block**

Speaker

Mr Dhiraj A Rao

**Managing Director,
AANS Technologies Pvt Ltd, Bangalore**



Dr. Sonia D'Souza
IIC Coordinator - AIML

Dr. Uma Reddy NV
HoD - AIML

Dr. A Sujin Jose
IIC President

Dr. R Mohan Das
IIC Convener

Dr. Manjunatha
Principal

Arangan Shankar, Deepak GK and Harsh Trivedi
Student Coordinators

On Wednesday, November 13th, 2024, a workshop on "Problem Solving and Ideation" was held by Mr. Dhiraj A. Rao, Managing Director of AANS Technologies Pvt Ltd, Bangalore. The session aimed to inspire students to think creatively and equip them with the tools necessary for innovative problem-solving. Selected students with a keen interest in ideation and critical thinking participated in this engaging and insightful event.



The session commenced by exploring the fundamentals of innovation and the methods for generating impactful business ideas. He emphasized the importance of understanding market gaps and leveraging creativity to create unique solutions. The session then transitioned into a discussion on intellectual property, where he explained the domains suitable for patenting and elaborated on the various types of patents, including utility patents, design patents, and plant patents. He further detailed the patenting process, outlining key steps such as documentation, legal compliance, and commercialization potential, and highlighted the critical role of protecting intellectual property in driving innovation. Attendees also learned about the practical implementation of ideas and their transformation into successful business ventures, with real-world examples of startups that effectively brought creative concepts to life.



The latter half of the workshop was dedicated to nurturing out-of-the-box thinking. Participants were challenged with thought-provoking questions designed to encourage unconventional approaches to problem-solving. Through these exercises, students were pushed to go beyond traditional frameworks and explore innovative perspectives. The session also included discussions of complex challenges that required analytical thinking and adaptive strategies. An open-ended quiz format, where anyone could contribute their answers, further enhanced engagement and fostered a collaborative atmosphere among the participants.



The workshop left a lasting impression on students, providing them with both theoretical insights and practical applications of innovative thinking. Attendees gained valuable knowledge about fostering creativity, and tackling real-world problems using critical thinking techniques. While not just focusing on how the students must develop the unique skill of critical thinking, he also made sure to focus and keep the audience crowd informed about how one should deal with the innovative ideas and how the innovators must claim their idea. Sir's dynamic and interactive presentation style captivated the audience, leaving them inspired to explore and apply these concepts in their academic and professional endeavours.



In conclusion, the workshop was a resounding success, equipping students with the mindset and tools to think creatively, solve problems effectively, and transform ideas into impactful solutions.