

Report on road map of ai

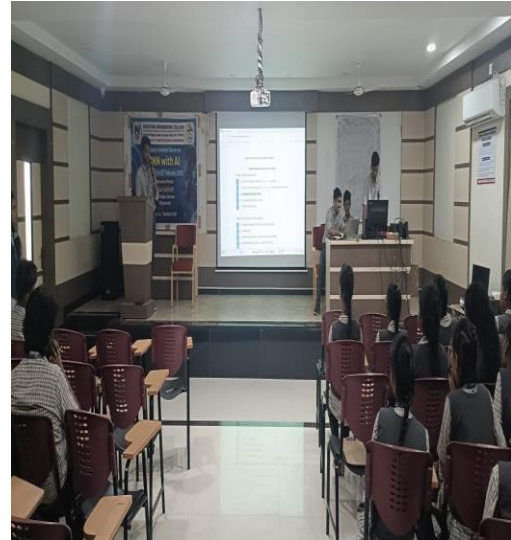
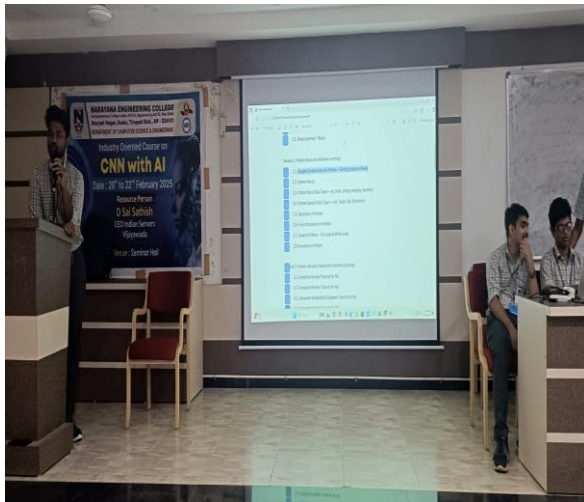
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The **Roadmap of AI** event was successfully conducted on **24th February 2025 under the Byte Brains Club**. This event was organized exclusively for first-year Computer Science and Machine Learning (CSM) students, aiming to provide them with a comprehensive understanding of the learning path in Artificial Intelligence (AI). The event focused on the essential skills, technologies, and career opportunities within the AI domain.

The event covered an overview of AI, its history, and its significance in various industries. Key concepts such as Machine Learning, and fundamental AI development tools like Python, were introduced. A structured AI learning path was presented, starting with programming fundamentals, data structures, and mathematics, progressing through core concepts like supervised and unsupervised learning, neural networks, and advancing into natural language processing, computer vision, and reinforcement learning. Practical implementation through hands-on projects and real-world case studies was also emphasized.

A Q&A session allowed students to interact with industry experts and faculty, clarifying doubts about AI learning paths, tools, and future career prospects. Additionally, a live AI demonstration was conducted to enhance practical understanding.



Conclusion:

The Roadmap of AI event was a remarkable success, equipping students with a well-structured learning plan and motivation to dive into AI. The event concluded with a vote of thanks acknowledging the efforts of the organizers, speakers, and participants. Based on student interest, upcoming AI-based workshops, coding challenges, and research discussions were announced, ensuring continuous learning opportunities for students passionate about AI. The event served as a foundation for students to build a strong understanding of AI and prepare for a promising career in this rapidly evolving field.

HOD-CSM