



K.S. INSTITUTE OF TECHNOLOGY
National Service Scheme
ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಯೋಜನೆ

14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.



Peer to Peer Learning

DATE : 22-09-2025

VENUE: K.S Degree College,Raghuvanahalli,Bengaluru,Karnataka.

ORGANIZED BY : NSS unit of KSIT.

DURATION : 1:30 PM – 4:15 PM

PARTICIPANTS: NSS Volunteers of KSIT.

INCHARGE FACULTY: Mr.Naveen V NSS program officer,KSIT.

OBJECTIVES:

- To enhance students' conceptual understanding of Artificial Intelligence, Machine Learning, and Data Science through collaborative peer learning sessions.
- To bridge the gap between theoretical knowledge and practical implementation by conducting hands-on coding workshops and live demonstrations.
- To provide real-time problem-solving experience through mini-projects, coding challenges, and case-based learning activities.
- To encourage collaborative learning where student mentors simplify complex technical concepts using relatable examples and practical applications.

- To strengthen analytical thinking, logical reasoning, and algorithmic problem-solving skills among participants.
- To develop confidence in implementing AI tools, libraries, and frameworks through guided practice sessions.
- To promote knowledge sharing, leadership qualities, and mentoring skills among student trainers.
- To create an interactive learning environment that encourages doubt clarification, open discussions, and innovation.
- To familiarize students with real-world AI applications and industry trends to improve technical readiness and career awareness.
- To foster continuous learning habits, curiosity, and research-oriented thinking in emerging technologies.

SCOPE OF THE PROGRAM:

The purpose of the Peer-to-Peer Learning Program on Artificial Intelligence is to strengthen students' technical understanding and practical skills through collaborative and interactive learning sessions. This initiative focuses on simplifying core concepts of Artificial Intelligence, Machine Learning, and Data Science while promoting analytical thinking, logical reasoning, and problem-solving abilities.

The program includes mentor-led explanations, live coding demonstrations, hands-on workshops, coding challenges, and mini-project development to provide real-time practical exposure. By encouraging open discussions, doubt clarification, and knowledge sharing,

the program bridges the gap between theoretical classroom learning and real-world application of AI technologies.

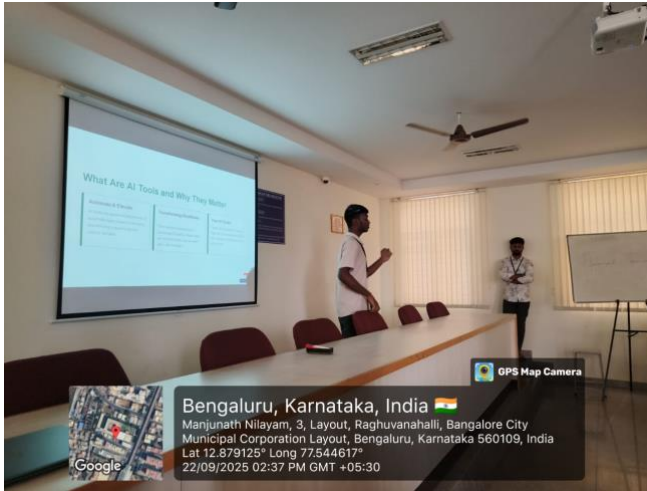
Through peer mentoring, teamwork activities, and project-based learning, students gain confidence in implementing AI concepts and tools. In the long run, such initiatives enhance technical competency, improve industry readiness, foster innovation, and inspire students to explore advanced research and career opportunities in emerging technologies

HIGHLIGHTS OF THE DAYS:

Over the span of one day, the Peer-to-Peer Learning Program on Artificial Intelligence focused on strengthening students' understanding of AI, Machine Learning, and Data Science through interactive and engaging sessions. Student mentors explained core concepts using simple language, real-world examples, and live coding demonstrations to make complex topics easy to grasp. Participants actively engaged in discussions, clarified their doubts, and gradually built confidence in applying AI concepts.

Throughout the program, hands-on activities such as coding challenges, mini-project tasks, and group problem-solving exercises were conducted to enhance analytical thinking and practical implementation skills. Mentors guided participants in understanding real-time applications of AI, helping them connect theoretical knowledge with industry use cases. The collaborative learning environment encouraged teamwork, peer interaction, and knowledge sharing.

The program concluded with participants showcasing their mini-project outcomes and sharing their learning experiences. The one-day initiative was insightful and impactful, fostering technical curiosity, confidence, and interest in emerging technologies. It motivated students to further explore Artificial Intelligence and strengthened their readiness for future academic and career opportunities in the technology domain.



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Bengaluru, Karnataka, India
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Lat 12.879478, Long 77.545238
09/22/2025 02:44 PM GMT+05:30
Note : Captured by GPS Map Camera

PROGRAM OUTCOMES:

At the end of the programme, the following PO's are attained.

NSS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO 11	PO 12
NSS PROGRAMME						2	3		3			3

Justification of PO mapping:

- *Students can able to assess societal, health, safety, legal and cultural issues and the consequent responsibilities .*
- *Students can able to Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development .*
- *Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*
- *Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change*



NSS COORDINATOR

NSS Programme Officer
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PRINCIPAL

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