A. Title of the Workshop: "Introduction to Artificial Intelligence and Machine Learning: A Hands-On Approach"

B. Background: Artificial Intelligence (AI) and Machine Learning (ML) are rapidly evolving fields that are transforming various industries, from healthcare to finance to entertainment. Recognizing the growing importance of these technologies, the workshop aimed to provide college students with foundational knowledge and practical experience in AI and ML. The session was designed to bridge the gap between theoretical concepts and real-world applications, preparing students for future opportunities in these dynamic fields.

C. Aims/Objectives:

1. To introduce participants to the fundamental concepts of AI and ML.
2. To provide practical demonstration experience with AI/ML tools and techniques.
3. To demonstrate real-world applications of AI/ML through practical examples.
4. To inspire and motivate students to pursue further studies and careers in AI/ML.
5. To facilitate networking and collaboration among students interested in AI/ML.

D. Location: The workshop was held at the mini auditorium of SIES College of Arts, Science & Commerce(Autonomous), located at Sion(West). The venue was equipped with modern audio-visual facilities and high-speed internet, ensuring an optimal learning environment.

E. Target Audience/Participants with Expected Number: The workshop targeted undergraduate and graduate students from computer science, engineering, and related fields. The expected number of participants was 100 students, but the event saw a turnout of approximately 85 attendees.

F. Session and Name of Resource Persons:

Resource Person:

Session 1: Introduction to AI and ML Concepts
Description: An overview of the fundamental concepts, terminology, and applications of AI and ML.

Session 2: Real-World Applications of AI/ML
Description: Case studies and examples showcasing the application of AI/ML in various industries.

Session 3: Interactive Q&A and Panel Discussion
Description: An open forum for participants to ask questions and engage in discussions with the experts. Also a quiz session was organized for the participants where participants with the most highest score were given prizes.

G. Outcome: The workshop successfully met its objectives, providing participants with a solid foundation in AI and ML concepts. Key outcomes include:

1. **Enhanced Knowledge:** Students gained a clear understanding of AI and ML fundamentals, including key algorithms and techniques.
2. **Practical Skills:** Attendees got practical demonstration experience with Python programming for AI/ML, enabling them to build and evaluate simple models.
3. **Real-World Insight:** The application-focused sessions demonstrated how AI/ML is used in various sectors, broadening students' perspectives on career opportunities.
4. **Networking Opportunities:** The workshop facilitated valuable interactions between students and industry professionals, fostering connections that may lead to future collaborations or job opportunities.
5. **Feedback and Engagement:** Positive feedback was received from participants, highlighting the effectiveness of the hands-on approach and the relevance of the topics covered.

Overall, the workshop was a success, providing participants with essential knowledge and practical skills in AI/ML while inspiring them to explore further opportunities in this exciting field.

Brochure:

Photos:

Report Prepared by

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