UKA TARSADIA university

Diwaliba Polytechnic, Mahuva

Report – Seminar on 'Artificial Intelligence'

A. About Event:

Name of Event	Artificial Intelligence	Date	19/08/2023
Name of Faculty Organizer	Ms. Jayshree Patil	Place	Diwaliba Polytechnic
Total No. of Students	65 Boys, 07 Girls	Time	10:00 to 12:40

B. Purpose:

- **The workshop aimed to provide students with a comprehensive understanding of the fundamental concepts, applications, and future trends in artificial intelligence (AI).**
- **Introduction to AI Concepts:**
    - Covering the basic principles and definitions of artificial intelligence.
    - Explaining the difference between narrow AI and general AI.
- **Applications of AI:**
    - Showcasing real-world applications of AI in various industries such as healthcare, finance, and robotics.
- **Hands-on Experience:**
    - Providing practical sessions to allow students to implement AI concepts using popular tools and frameworks.
- **Future Trends in AI:**
    - Discussing emerging trends and advancements in AI research and development.

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C. Activity carried out:

The workshop was structured into four main sessions:

- **Session 1: Introduction to Artificial Intelligence**
    - Definition and history of AI.
    - Types of AI: Narrow vs. General.
    - Importance and impact of AI in today's world.
- **Session 2: Applications of AI**
    - Case studies and examples of AI in healthcare, finance, and robotics.
    - Discussion on the ethical implications of AI applications.
- **Session 3: Hands-on Experience**
    - Practical exercises using popular AI frameworks (e.g., TensorFlow, PyTorch).
    - Coding exercises to implement basic machine learning algorithms.
- **Session 4: Future Trends in AI**
    - Overview of current AI research trends.
    - The role of AI in shaping the future of technology.

D. Outcome:

The "Artificial Intelligence" workshop proved to be a valuable learning experience for the final year diploma computer students. It not only enhanced their understanding of AI concepts but also provided them with practical skills that are crucial in today's technology-driven world.

E. Details:

Name of Speaker	Designation/Role	Contact No
Raj Yadav	Sr. Technical Trainer, TOPS Technologies	9265802045

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Diwaliba Polytechnic, Mahuva

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