A. Y. Dadabhai Technical Institute, Kosamba

Report

ON

EXPERT LECTURE

CURRENTS TRENDS IN AI

BY
Mr. Himanshu Prajapati,

Founder - Techomax Solution

5th October 2024

Organized by

Computer Department

A. Y. Dadabhai Technical Institute, Kosamba
Mahuvej Road, At & Po. Kosamba (R.S),
Dist: Surat

<div align="center">**Details of Expert Lecture on "CURRENTS TRENDS IN AI"**</div>

Date: October 05, 2024
Time: 10 AM onwards
Venue: A.Y. Dadabhai Technical Institute, Kosamba
Organized by: Computer Department, A.Y. Dadabhai Technical Institute
Speaker: Mr. Himanshu Prajapati,
Founder - Techomax Solution

Introduction

On 5th October 2024, the Computer Engineering Department of A.Y. Dadabhai Technical Institute, Kosamba, organized an expert lecture on "**CURRENTS TRENDS IN AI**" for the 5th-semester students. The event aimed to provide students latest trends and advancements in Artificial Intelligence (AI).

Objectives

The primary objective of this session was to provide students with insights into the latest trends and advancements in Artificial Intelligence (AI). The lecture aimed to enhance their knowledge by:

- Exploring the fundamental concepts and applications of AI.
- Discussing cutting-edge trends and technologies in the AI domain.
- Highlighting industry use cases and career opportunities in AI.

Program Overview

The lecture was designed to cover key aspects of Python programming, including:

1. **Introduction to AI:**
   o Overview of Artificial Intelligence and its history.
   o Key concepts and types of AI (Narrow AI, General AI, and Super AI).
2. **Current Trends in AI:**
   o Machine learning and deep learning advancements.
   o Natural language processing (NLP) applications.
   o AI in robotics and autonomous systems.
3. **AI Tools and Technologies:**
   o Popular tools and platforms for AI development.
   o Overview of TensorFlow, PyTorch, and other frameworks.
4. **Real-World Applications:**
   o AI in healthcare, finance, and manufacturing.
   o Emerging technologies like ChatGPT and AI-powered assistants.
5. **Challenges and Ethical Considerations:**
   o Bias in AI algorithms and data privacy issues.
   o The importance of ethical AI development.
6. **Career Opportunities in AI:**
   o Skills required to excel in AI-related roles.
   o Future prospects and growth in the AI field.

Expert Lecture on "CURRENTS TRENDS IN AI"

A.Y. Dadabhai Technical Institute, Kosamba aims to cater the society with skilled manpower and efficient team members. Institute believes in total improvement of each student. Since 2009 Computer Department of A.Y. Dadabhai Technical Institute has served many scholar students to the society. Today's Era is Computer and Internet Era.

Hence we, at Computer Department planned the Expert Lecture on **CURRENTS TRENDS IN AI** for 5th semester students on 05th October 2024. We invited Mr. Himanshu Prajapati, Founder - Techomax Solution to deliver the Useful Information and Make the Students aware about the Different technologies as well what are the most popular technologies in the world currently.

The session commenced with a warm welcome, who introduced the speaker and outlined the purpose of the lecture. Mr. Himanshu Prajapati then took over and began The speaker shared practical advice and encouraged students to explore AI projects and certifications.

After the detailed presentation, students had the opportunity to ask questions and clarify their doubts. The speaker addressed various queries related to applications in industry, best practices for coding in web, and how students can enhance their programming skills through projects and certifications.

This Session has opened up many horizons among Student's mind, specifically to choose their Career.Students were encouraged to practice of web coding regularly and explore its vast potential in different areas of technology.

Overall the purpose for organizing this Expert Lecture is fulfilled completely. Student had cherished this experience and also showed their interest to attend further workshops in their curriculum. The expert lecture was highly beneficial for the students.The expert lecture proved to be a significant learning experience for the students, equipping them with knowledge of the current trends in Artificial Intelligence. It motivated them to explore AI technologies and consider career opportunities in this dynamic and rapidly evolving field.

Glimpse of the Seminar