

Report: Expert Lecture

Gen AI Revolution: Explore the Future with Azure

25.11.2024

The Department of Computer Engineering of J.C. Bose University of Science and Technology, YMCA, Faridabad organized an expert lecture on "**Gen AI Revolution: Explore the Future with Azure**" for the students of B.Tech 5th Sem and B.Tech 7th Sem students on 25th November 2024. The lecture was attended by around 200 students. Dr.Preeti and Dr.Shivi were the Program Coordinators of this expert lecture.

The lecture started with the welcome of the resource person, Mr. Sourabh Taneja and Ms. Disha Taneja. The students were acquainted about the rich experience of Mr. SourabhTaneja, Generative AI Lead in QualSightPvt. Ltd. Mr. SourabhTaneja is an experienced AI/Data Science Consultant with deep expertise in Python, Machine Learning, NLP, and MLOps. With a strong foundation in training and project management, Mr. Sourabh specializes in delivering strategic insights and deploying cutting-edge AI solutions.

The lecture focused on the transformative potential of Generative Artificial Intelligence (Gen AI) and its seamless integration with Microsoft Azure's advanced tools. The lecture delved into AI's evolution, applications, and the role Azure plays in empowering AI-driven innovation.

The timeline of AI advancements was presented, outlining key milestones like: the emergence of technologies like cloud computing and big data, introduction of AI models like OpenAI's GPT series, DALL-E, and Microsoft Copilot, latest trends in AI innovation, showcasing the rapid pace of technological progress.

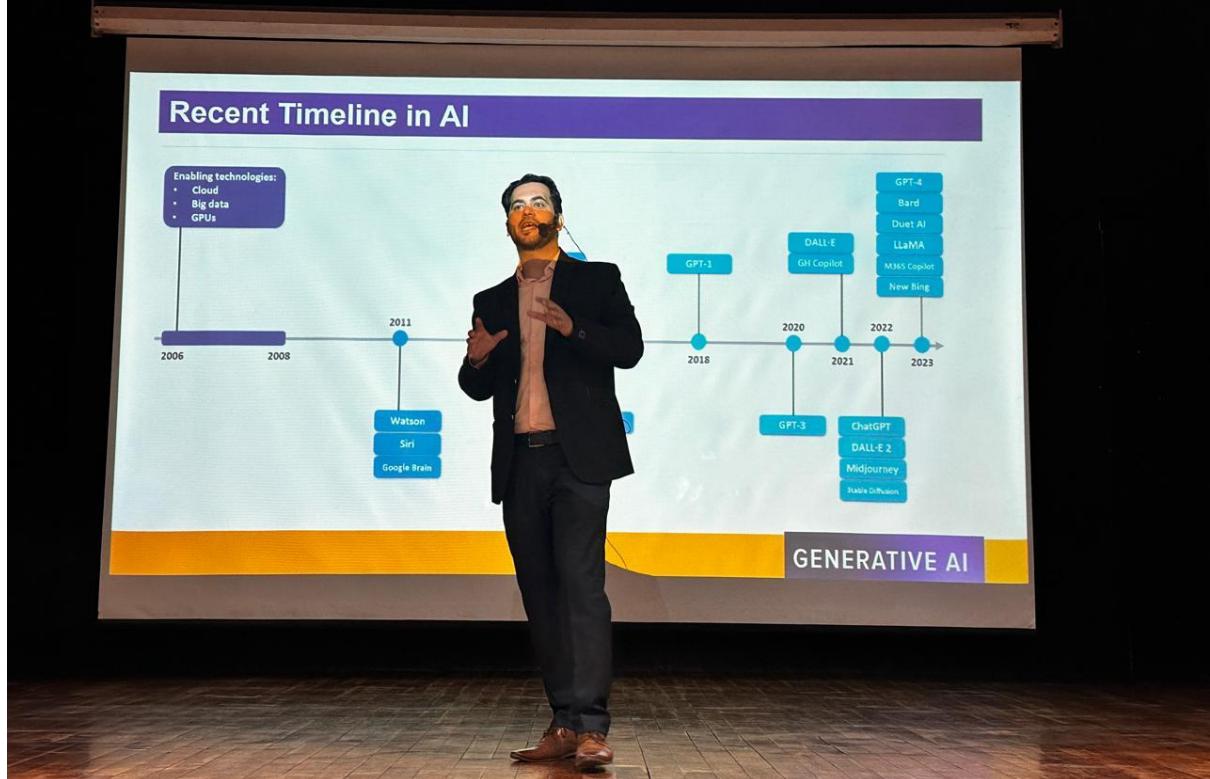
The lecture highlighted Azure as a robust platform for AI development, showcasing tools such as: Azure Machine Learning Studio (comprehensive environment for designing, training, and deploying AI models), Azure OpenAI Service (Integrating OpenAI's models for custom applications in industries ranging from healthcare to retail).

Live demonstrations provided hands-on experience with Azure Machine Learning Studio. The students observed the setup and deployment of AI projects, management of AI pipelines, data labeling, and monitoring tools.

The session concluded with discussions on the emerging AI trends like multi-modal systems and federated learning, career pathways in AI development, highlighting certifications and learning opportunities in Azure-related technologies.

The students actively participated in the Q&A session, asking about Azure's cost-effectiveness, AI integration in startups, and career advice. Mr. Taneja offered practical tips and encouraged continuous learning through Azure's free trials and resources.









**J.C. BOSE UNIVERSITY OF SCIENCE AND
TECHNOLOGY, YMCA, FARIDABAD, HARYANA, (INDIA)**

A State Government University (Accredited 'A+' Grade by NAAC)

DEPARTMENT OF COMPUTER ENGINEERING
(Faculty of Informatics & Computing)

Organises

EXPERT LECTURE

on

Gen AI Revolution : Explore the Future with Azure

Date: 25th November 2024

Time: 10:00 a.m. onwards

Venue: University Auditorium

Resource Person



Mr. Sourabh Taneja
(GenAI Lead, QualSight)

Prof. C.K. Nagpal
Dean, Faculty of Informatics
& Computing

Prof. Atul Mishra
Chairperson,
Department of Computer Engineering

Dr. Preeti Sethi
Associate Professor
Department of Computer Engineering

Dr. Shivi
Assistant Professor
Department of Computer Engineering

Faculty Co-ordinators

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