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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on

"AI FOUNDATION COURSE"

The Department of Artificial Intelligence and Data Science in association with Department of Computer Science and Engineering, Computer Science and Business Systems, Electronics and Communication and Engineering, KSSEM has organized workshop for 3 days titled on "**AI Foundation Course**" in association with **Edunet Foundation sponsored by IBM** from **23rdOctober 2024 to 25th October 2024** from 9:00 AM to 4:00 PM, for the students of 3rd Semester, CSE, AI & DS, CS & BS and EC & E.

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The event was held offline, the objective of the workshop is to upskill the students of educational institutions on Artificial Intelligence, its applications and enable them to take up relevant certification to accredit their learning. This will benefit student community by making them industry ready.

Day 1: Introduction to IBM Skill Build Platform

This session handled by the resource person Mr. Thoufiq from Edunet foundation. He briefed about Artificial Intelligence, Machine Learning and step to register to IBM skill build platform and IBM cloud. After registration students were able to complete online certification courses on "Data Science Fundamentals" and "AI Basics for Everyone" through IBM Skill Build platform. It also helped the students to know the different AI platforms.

Day 2: Introduction to Artificial Intelligence, Machine Learning

The resource person gave a detailed introduction on Artificial Intelligence, Machine Learning and Deep Learning. The students were able to download the data set from Kaggle. This helped them in creating the project using IBM tool notably IBM Watson and IBM cloud. The students were able to develop their own project by using various machine learning algorithms.
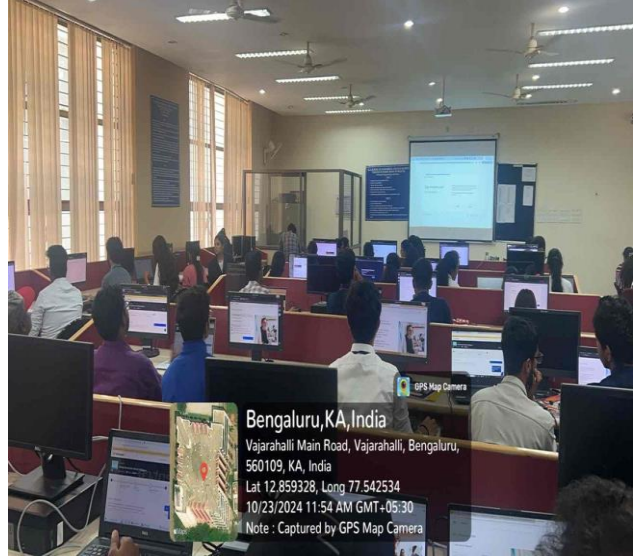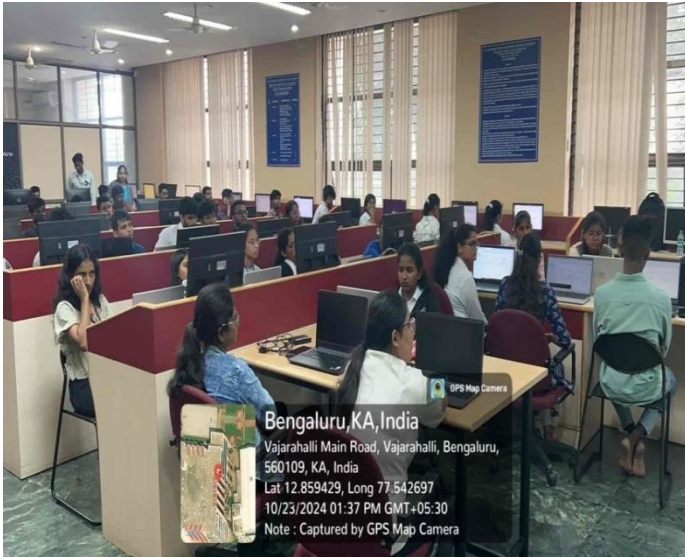
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Day 3: Project Development

Students developed project by using data sets from Kaggle. The hands-on experience with Watson not only clarified theoretical concepts but also inspired the students to delve deeper into the field of artificial intelligence.

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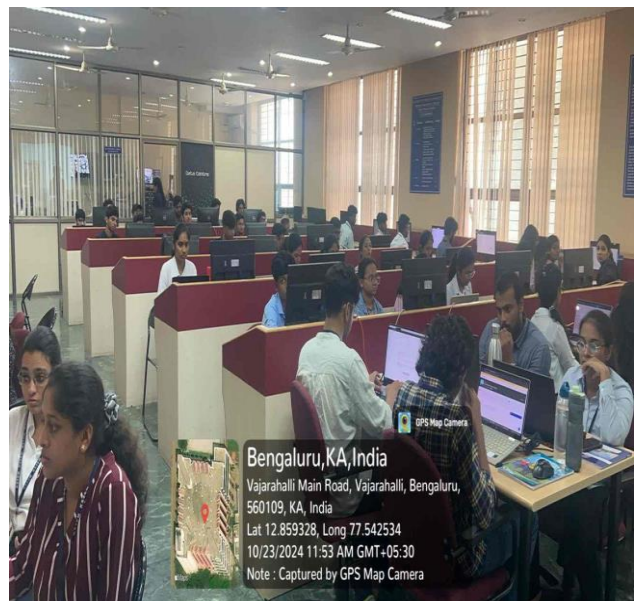**Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC**

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The IBM Skill Build Platform has provided knowledge and practical skills that have actively integrated in the academic pursuits. The combination of structured learning paths, certification and the hands-on experience gained through IBM tools prepares students for the competitive job market. Each session balanced theoretical discussions with hands-on activities, ensuring that participants not only understood the concepts but also applied them in practical projects. The workshop successfully built a foundation for further learning in AI.

Workshop Coordinator

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