Department of Artificial Intelligence and Machine Learning

A Report on Guest Lecturer on **"Large Language Model"**

Department of Artificial Intelligence and Machine Learning, RVCE has organized the Guest Lecturer on "**Large Language Model**" on 3rd August 2023, for 2nd Year AI&ML Students, and Dr. Ruchit Agarwal - Assistant Professor School of Computer Science University of Birmingham. The lecture was attended by 50 students and 4 Faculty members of the Artificial Intelligenceand Machine Learning Department.

The speaker gave insights into how big tech companies like Amazon and Google Facebook using Generative AI and LLM to boost their business. The speaker talked about technologies like Image Classification, Segmentation, Motion detection, and Audio to Speech recognition and explained how these could be used for various applications. He also mentioned the upcoming technologies like Image Captioning and presented them in detail.

The speaker talked about the various challenges like security issues, bias, that may come using this generative AI and LLM and how the companies are working towards overcoming those challenges.

Along with Q&A, the speaker shared about insights of Road Map for higher studies in University of Brimgnhiam.

As per the feedback received from students, it was an excellent learning experience, and the lecture helped them understand the current state, applications, and future of AI&ML.