Viksit Bharat @ 2047 at IGDTUW

Bhasha Techathon Event 2024

(16th April, 2024)

AI & DS department organized the launch event of Bhasha Techathon at national level on April 16, 2024 in collaboration with Digital India Bhashini Division, Google cloud and MachineHack towards the vision of "Viksit Bharat@2047." The objective of this event is to foster active participation and motivation among students and developers, with a special emphasis on women, to leverage their AI expertise for addressing real-world challenges and empowering communities through the utilization of Indian languages.

The National Language Technology Mission (NLTM) under the Digital India Bhashini Division, initiated by the Prime Minister in July 2022, aiming to offer language technology solutions as digital public assets through the Bhashini platform. This endeavor focuses on harnessing state-of-the-art technologies like AI/ML and NLP to develop and distribute open-source models, tools, and solutions tailored for Indian languages. It fosters the growth of an ecosystem involving startups, industries, academia, research groups, enthusiasts, as well as State and Central Governments. The overarching goal is to aggregate extensive datasets in Scheduled Indian Languages for training AI models, particularly for tasks such as translation, speech-to-text conversion, and vice versa, including voice-to-voice translation.

These capabilities are designed for broad utility as well as for specific domains like education, healthcare, and financial services. Bhashini joins forces with Google Cloud and MachineHack to present Bhasha Techathon as Google LLC, a multinational tech giant specializing in online advertising, search engine technology, cloud computing, software, quantum computing, e-commerce, consumer electronics, and artificial intelligence.

The event serves as a platform where innovation intersects with impact, inviting participants to tackle six problem statements in the realm of Natural Language Processing (NLP) with the aim of nurturing effective and indigenous solutions to language-specific challenges. The event had been opened at National Level for undergraduate, postgraduate and developers. With more than about 700 participants, this event became notably successful.