VIDYASHILP UNIVERSITY

Vidyashilp University and Makonis AI Solutions Pvt Ltd have signed an MoU for a collaborative research project titled

VIDEO RETRIEVAL SYSTEM

The research project will be executed under the joint supervision of **Dr N. Mehala, Associate Professor, School of Computational and Data Sciences and Mr Ravi Venkatesulu, Chief AI Scientist, Makonis AI Solutions Pvt Ltd. Ms Divyashree S, Research Scholar from Vidyashilp University** will be involved in the project, which will be part of her Ph.D research.
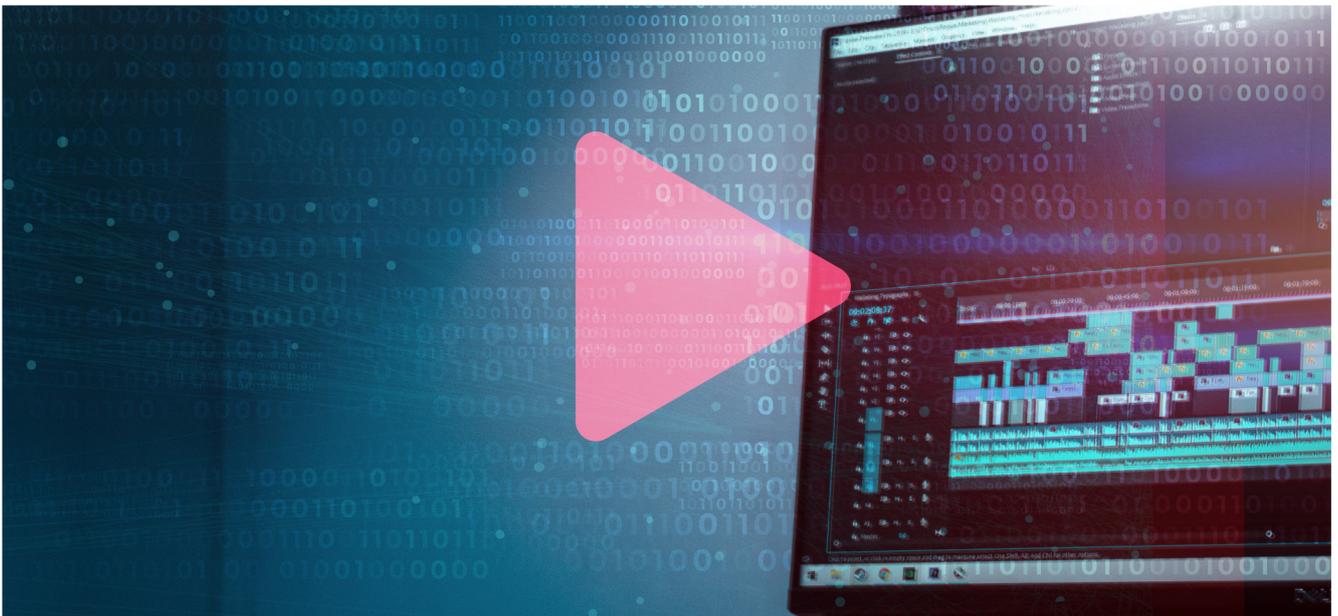

PROBLEM STATEMENT

Videos recorded during in-class teaching and made accessible online are a versatile resource on par with a textbook and the classroom itself. Accessing the content of interest in a lecture video is not easy because of the difficulty of quickly accessing the content of interest in a long video lecture as there is no table of contents or index sections. Designing a framework for automatic topic segmentation can significantly improve accessibility. Automatic organization and indexing of the topics and topic-related content with the efficient search feature can help the students to easily access and review the topic of their choice quickly and efficiently. The Research Project focuses on "Topic-Segmentation, Indexing and Semantic Searching in Videos" to enable efficient search of lecture videos in the education domain.

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