

# Artificial Intelligence and Data Science (AI & DS) CoE



The AI & DS CoE was established in 2022 to provide opportunities to students to develop applications using AI & DS in all domains. It is focused on applying Artificial Intelligence in model building in the fields of Image & Video Analytics, Speech Synthesis & Recognition, and Natural Language Processing.

Data Science & Big Data Analytics is a learning program to understand business intelligence and business and data analytics through the powerful tools of data application. They are developed using technology platforms like Hadoop, HDFS, MapReduce, and R Language.

AI & DS technology is applicable in all fields and hence the CoE is open for students from all branches of engineering.

The CoE facilitates and encourages the students and faculty members to do online training in these areas as 'content beyond the syllabus' and get industry recognized certificates. The CoE provides facilities for students to do many projects and research activities using these technologies. Students participate in various competitions in external events organized by Government and reputed private organizations.

Ms. Thilagavathi and Ms. Kalaivani of CSE Department won 3rd place with Rs. 10,000 cash prize in the Hackathon organised by KLA and Shooting Star foundation held on 25th and 26th Feb 2023 at KLA, Perungudi Chennai. The theme of the Hackathon was TECHNOLOGY FOR GOOD. Our students developed an application using Artificial Intelligence / Deep Learning and it can be used for agriculture.

**Coordinator: Prof. M. Kumaran, HOD / CSE**