

KMEC 2nd Year Projects List

Domain	Project Title	Abstract	Technologies
Cyber Security	Advanced fake news detection system	Design and develop a technological solution/software tool for Tracking & Tracing Fake News and its origin using official sources as the input filter. The solution should have a mechanism to mitigate the impact of the spread of Fake News by auto-populating the fake news spreaders' inboxes with the official/authenticated news content.	MERN, ML
DL	Automated Crop yield prediction	Develop a Cloud based ML model that can predict crop yields based on data such as weather patterns, soil quality, irrigation levels, fertilizer use, and crop type. It should also have a User Interface that is simple and intuitive. The model should help farmers optimize their crop management and improve their harvests.	AWS, Machine Learning, Sagemaker, ReactJS
ML	Event tracker	The problem statement is to develop a system that utilizes QR codes to invite people to an event and track their attendance using location-based tracking. The system will send event-related information only to those who are online and in the location of the event. Additionally, the system will allow for real-time feedback collection from the attendees in the event. The system will also allow for pre-processing by identifying individuals who are absent for more than 3 events and block them for future events. The system will be built using the MERN stack and may also incorporate reinforcement learning algorithms to optimize the event-related recommendations and attendance tracking process.	MERN, ML