

Collaboration with University Of Agricultural Sciences , Dharwad (UASD)

The AIML group at School of Computer Science, KLE Technological University has been actively involved in research and development with numerous publications, and industry driven research projects. With this collaboration, we are applying the AIML knowledge to give intelligent solutions for the agricultural processes .As, there is a shift from traditional agriculture to smart agriculture, exploring and learning use of technology to various agricultural practices is required. With the collaboration with experts from UASD, we are working on intelligent pest and disease management in maize and crops of North Karnataka region as student projects. We have 2 teams working on the projects. We have also submitted a grant proposal titled: "Krusha Krutakadi": Artificial Intelligence & Robotics in agriculture for optimization of irrigation and application of pesticides and herbicides to Science and Engineering Research Board.

UASD expert team members:

- Dr Ashalatha K V , Professor & Head Department of Agricultural Statistics College of Agriculture, UAS D
- Dr Kamrekar , Professor Department of Entomology, UAS D

UASD Projects (2020-21)

Name	USN	Sem	Project
Team1		5	Disease detection in maize using deep learning
Karnika Bhardwaj	01FE18BCS085		
Sakshi Jha	01FE18BCS182		
Sanjay Keshwar	01FE18BCS192		
Savitri Khyadad	01FE18BCS196		
Team2		5	Disease detection in maize using deep learning
Abhinav Kumar	01FE18BCS008		
Nandita Malakar	01FE18BCS123		
Navdeep Singh Bagga	01FE18BCS127		
PavanKumar Benakatti	01FE18BCS140		
Gangaram Lamani	01FE18BCS076		