

3-Day Workshop on Artificial Intelligence (AI)/Machine Learning (ML) For Agricultural Sciences

(AIML4Agris) 2024

A 3-day workshop on “Artificial Intelligence (AI)/Machine Learning (ML) for Agricultural Sciences (AIML4Agris-2024)” was organised during December 09-11, 2024 for the Post Graduate and PhD research scholars of the SVPUAT Meerut. This specific workshop was organised under the vision and direction of the Hon’ble Vice Chancellor Dr K K Singh Sir and support and guidance from Dr B R Singh, Dean, College of Technology, SVPUAT Meerut. This workshop was coordinated by Dr Pushpendra K Singh, Assoc. Prof. and Ms. Khushboo Roy, Asstt. Prof. College of Technology, SVPUAT Meerut. The workshop was inaugurated by Prof. Vivek, Dean, College of Agriculture, SVPUAT Meerut as Chief Guest and Dr B R Singh, Dean, College of Technology, SVPUAT Meerut as the Chairman of the function.

The focus of this workshop was to impart basic & applied knowledge on Artificial Intelligence (AI) & Machine Learning (ML) Tools, Big data analysis and their applications in different fields such as Agriculture/Biotechnology/Veterinary Sciences & AH/Technology/Agricultural Process & Food Engineering/Dairy & Food Technology at the College of Technology, SVPUAT Meerut. More than 30 students participated in this workshop the participants learned how to apply these newest techniques in their research work to make it international standards.

The Lectures and Hands-on sessions were conducted by the faculty from IIT Roorkee: Prof. Ashutosh Sharma, Mr. Syed Khateeb Ahmad, Mr. Masood Ansar, Mr Nikunj Mangukia; Dr Vishal Singh and Dr Harsh Upadhyay from NIH Roorkee, and Ms. Aprajita Singh, Ms. Ankita and Ms. Archita Dey from ESRI, India Ltd. The hands-on sessions such as crop yield prediction and stream flow forecasting were conducted on MATLAB and Python platforms. The ESRI team gave lectures on Geo-AI and ENVI software and their applicability in agricultural sciences.

The valedictory function was conducted on the 11th Dec. 2024 and Prof. Ramji Singh, Registrar, SVPUAT Meerut was the Chief Guest of the valedictory function. Dr B R Singh, Dean, College of Technology and Chairman of the function welcomed the Chief Guest on this occasion. The Chief Guest and Chairman distributed the certificates to the participants of this workshop.



