

Dr. Akhilesh Das Gupta Institute of Technology and Management

(Formerly known as Northern India Engineering College)

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Report on Industrial Visit

Department of Artificial Intelligence & Machine Learning

Date: 19-Jan-2022

Timings: 10:00-3:00 PM

Venue: ICMR-IARI New Delhi

No of Participants: 40


Organized For: AI&ML (2nd Year)

Organizer Name : Dr. Rabi N Sahoo

Event Co-Ordinators: Dr. Preety (Associate Professor, AI&ML)

A complete report on an industrial visit organized by Akhilesh Das Gupta Institute of Technology and Management, for the students of Information Technology and AIML [3rd SEM] in order to get practical knowledge about "Role of Big Data Analysis in Agriculture" carried out by ICMR-IARI.

Details of journey

The Department of Artificial Intelligence and Machine Learning  is thrilled to announce That AI&ML ADGITM witnessed

TRAINING cum WORKSHOP ON AIRBORNE HYPERSPECTRAL REMOTE SENSING FOR AGRICULTURE Under the aegis of the National Agricultural Higher Education Project (NAHEP)-Centre for Advanced Agricultural Science and Technology (CAAST), ICAR At
NRL Auditorium, IARI, New Delhi.

We are Enlightened on how to program in R and how to use R for effective data analysis. You will learn how to install and configure software necessary for a

statistical programming environment and describe generic programming language concepts as they are implemented in a high-level statistical language. The course covers practical issues in statistical computing which includes programming in R, reading data into R, accessing R packages, writing R functions, debugging, profiling R code, and organizing and commenting on R code. ✨🌟💻

We eye-witnessed the live demonstration of all the labs, drones, and technology used for the research.

Hope India will Grow much more in the journey of Time



Benefits of the Industrial Visit to students

After that We have learned about the new era of Agricultural Technologies Including:

- Nil population for crop development
- The superior efficiency of rice Water usage.
- How much biomass is using 1 ml of water
- Using RGB sensor only we can predict N₂ consumption
- We can measure plant height directly from RGB sensors RFID CHIP READERS

Dr.Preety

Event Coordinators

Dr. Meenakshi Yadav

DI (AI&ML)

Event photographs





One Day Training R-Programming in Spectral Data under NAHEP Program at ICAR-IARI New-Delhi.



