

G. B. Pant University of Agriculture & Technology, Pantnagar



DST TECHNOLOGY ENABLING CENTRE

3 Months Online Certificate Course

on

DATA SCIENCE AND AGRICULTURE

August 05 - November 05, 2024



- Registration is open for all UG, PG, Ph.D. students, working professionals and other interested candidates.
- Course will be conducted in ONLINE mode by Industry Experts.
- Registration Fee: Rs. 5,000/- (Rupees Five Thousand Only)
- Live course sessions will be conducted after class hours.
- Last Date for Registration: August 3, 2024

THE COURSE WILL INCLUDE:

- (V) Introduction to Python
- Data Manipulation and Visualization
- Regression, Model Evaluation
- Clustering, Dimensionality Reduction
- Al and Machine Learning in Agriculture
- Predictive Modeling for Agriculture
- **Key Machine Learning Algorithms**

- Evaluation Metrics and Model Performance
- 戻 Data Management and Preprocessing
- Evaluation Metrics and Model Performance
- Image Analysis and Computer Vision
- Integration of IoT Sensors
- Advanced Machine Learning Models, CNNs, RNNs
- Natural Language Processing (NLP) in Agriculture

COURSE DELIVERY FORMAT

- LECTURES AND DISCUSSIONS
- HANDS-ON WORKSHOPS
- PROJECTS AND CASE STUDIES
- GUEST LECTURES AND INDUSTRY INSIGHTS

ASSESSMENT

- ASSIGNMENTS AND QUIZZES
- PROJECT EVALUATION
- PEER REVIEW

SCAN HERE





Click Here to Register

or

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Dr. S. K. Kashyap Coordinator DST-TEC, Pantnagar