



**Centre for Agricultural Market Intelligence under NAHEP – CAAST
International Agri-Business Management Institute
Anand Agricultural University, Anand**

**One Week
Workshop-cum-Training Programme
on**

Data Analytics using Python

13th March to 18th March 2023

:: Venue ::

Information Technology Center, AAU, Anand





About NAHEP-CAAST, AAU, Anand:

Anand Agricultural University has been awarded an ICAR- World bank funded project to establish Centre for Agricultural Market Intelligence. The major objectives of this project include price forecasting and behavior, export competitiveness, evaluation of e-NAM, market institutions and capacity building of faculty, students, farmers and other stakeholders. Experts from country's premium institutes including IIM- Ahmedabad, Institute of Rural Management (IRMA), Indian Space Research Organization (ISRO), Junagadh Agricultural University, National Cooperative Dairy Federation of India (NCDFI) apart from foreign universities namely Australia's Western Sydney University, and The Papua New Guinea University of Technology are associated with the project.

Centre for Advanced Agricultural Science and Technology (CAAST) is a student centric subcomponent of the World Bank sponsored National Agricultural Higher Education Project (NAHEP) granted to AAU, Anand to provide a platform for strengthening educational and research activities of post graduate and doctoral students.

About the Workshop-cum-Training Programme:

Data analytics is a discipline focused on extracting insights from data. It comprises the processes, tools and techniques of data analysis and management, including the collection, organization, and storage of data. The main aim of data analytics is to apply statistical analysis and technologies on data to find the trends. Data analytics draws from a range of disciplines including computer science, information technology, mathematics, and statistics to perform analysis on data in an effort to describe, predict, and improve performance. Python is most popular and widely used programming language for data analytics.

Python is an open source and popular multi-purpose programming language widely used for its flexibility, as well as its extensive collection of libraries, which are valuable for analytics and complex calculations.

The topics to be covered in this programme are Working with python, Function in python, Data visualisation with python, Hypothesis test, Parametric & Non parametric testing, Liner Regression, Multiple Liner Regression and Logistic Regression. It will help the participants for their study and research perspectives.

Eligibility:

Any Postgraduate Students / Faculties / Working Professionals from Academic, Research and Industrial Organizations.

Selection Criteria:

The selected candidates will be inform through email. The course Convener is the final authority for the selection of candidates based on the eligibility and availability of seats

No. of Seat :

- 50-70 participants

Registration Link:

<https://forms.gle/GpkE6g4SofRB1sfr5>

Important Instructions:

- This is offline Workshop-cum-Training Programme.
- No TA/DA will be paid by the host institute.
- Attendance is compulsory.
- Certificate will be provided to the attendees.
- Accommodation will be provided as per availability.

Topics to be Covered

- Working with python
- Function in python
- Data visualisation with python
- Hypothesis testing
- Parametric & Non parametric test
- Liner Regression
- Multiple Liner Regression
- Logistic Regression



Organizing Committee

Patrons

Dr. K. B. Kathiria, Hon'ble Vice Chancellor, AAU, Anand

Dr. R. C. Agarwal, DDG (Education) & National Director (NAHEP), ICAR, New Delhi

Advisors

Dr. Anuradha Agrawal, National Coordinator- NAHEP-CAAST, ICAR, New Delhi

Dr. M. K. Jhala, Director of Research & Dean PG Studies, AAU, Anand

Convener

Dr. R. S. Pundir, Principal & Dean, IABMI & PI, NAHEP- CAAST, AAU, Anand

Dr. D. R. Kathiriya, Director (IT), Principal & Dean (AIT), Core Co - PI, NAHEP-CAAST, AAU, Anand

Organizing Secretary

Dr. Chetan Dudhagara, Assistant Professor & Head, IABMI, AAU, Anand

Joint Organizing Secretary

Dr. D. K. Parmar, Assistant Professor, College of AIT, AAU, Anand

Programme Coordinator

Mr. Alpesh Agja, Programmer, AAU, Anand

Mr. Umesh Rathod, Programmer, AAU, Anand

Mr. Bhavik Patel, RA, NAHEP-CAAST, AAU, Anand

Mr. Ankur Vora, SRF, NAHEP-CAAST, AAU, Anand

Mr. Smit Bhavsar, PA, NAHEP-CAAST, AAU, Anand

:: Contact Details ::

Dr. Chetan Dudhagara
Assistant Professor & Head
IABMI, AAU, Anand
Co - PI, NAHEP-CAAST, AAU, Anand
E-mail : drchetan@aaui.in

Dr. D. K. Parmar
Assistant Professor
College of AIT, AAU, Anand
Co - PI, NAHEP-CAAST, AAU, Anand
E-mail : dkparmar@aaui.in

