One Week
Workshop-cum-Training Programme
on

Data Analysis using Python

Date : 23rd to 27th May, 2022

Patrons

Dr. K. B. Kathiria
Vice Chancellor
Anand Agricultural University
Anand

Dr. R. C. Agrawal
DDG (Education)
National Director-NAHEP
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National Coordinator
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Director of Research &
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Eminent Speakers

Dr. R. D. Chaudhari
Associate Professor
Department of Statistics
M. G. Science Institute, Ahmedabad

Dr. P. B. Shah
Associate Professor
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H. L. College of Commerce , Ahmedabad

Dr. Xitij Shukla
Assistant Professor
Department of Agril. Statistics
BACA, AAU, Anand

Conveners

Dr. R. S. Pundir
Principal & Dean (IABMI)
PI, NAHEP-CAAST
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Dr. D. R. Kathiriya
Director (IT), Principal & Dean (AIT)
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Organizing Secretary

Dr. C. R. Dudhagara
Assistant Professor & Head (IABMI)
Co-PI, NAHEP - CAAST
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Joint Organizing Secretary

Dr. D. K. Parmar
Assistant Professor &
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Plenary Session

President

Dr. K. B. Kathiria
Vice Chancellor
Anand Agricultural University
Anand

Chief Guest

Dr. Girish Bhimani
Vice Chancellor
Saurashtra University
Rajkot

Organizing Committee Members

Dr. Manoj Lunagariya, Co-PI, NAHEP - CAAST, AAU, Anand
Ms. Rucha Dave, Co-PI, NAHEP - CAAST, AAU, Anand
Dr. Prity Kumari, Co-PI, NAHEP - CAAST, AAU, Anand
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Dr. M. P. Raj, Assistant Professor, AIT, AAU, Anand
Dr. K. P. Patel, Assistant Professor, AIT, AAU, Anand
Dr. Shital Bhojani, Assistant Professor, ITC, AAU, Anand

Programme Coordinators

Mr. Alpesh Agja, Programmer, AAU, Anand
Mr. Umesh Rathod, Programmer, AAU, Anand
Mr. Nirav Prajapati, RA, NAHEP – CAAST, AAU, Anand
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Mr. Harsh Bhanderi, SRF, NAHEP – CAAST, AAU, Anand
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Mr. Smit Bhavsar, PA, NAHEP – CAAST, AAU, Anand
Mr. Apurva Bhoi, PA, NAHEP – CAAST, AAU, Anand
Ms. Shraddha Shah, PA, NAHEP – CAAST, AAU, Anand

About Centre for Agricultural Market Intelligence, NAHEP- CAAST:

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 College of Agricultural Information Technology, AAU - Anand :

College of Agricultural Information Technology (CAIT) was established in the year 2009 under the aegis of AAU, which the first college in the country dedicated to offer the courses in the field of Agricultural Information Technology. At present, the CAIT offers 4-year residential undergraduate degree program namely Bachelor of Technology in Agricultural Information Technology (B.Tech. — AIT).The CAIT aims to cater the upcoming demands of the Agrarian Economy by generation of a young workforce skilled with knowhow of future ready Information and Communication Technology and imparting the same in Agricultural sector. The college has trained teaching faculties with a balanced blend of well-experienced seniors and energetic youth who are focused towards quality and innovative Teaching and Research. The CAIT building is surrounded by the lush green natural environment with enough resources such as well-equipped Air-Conditioned lecture halls with Audio Visual facility, Computer Labs, CCTV Surveillance, Scientific Equipment's, Wi-Fi Internet Access, Library, NCC/NSS, sports, project and placement cell which provides the quality education and disciplined environment to the students.The curriculum of B. Tech. (AIT) is a blend of Agricultural Science and Information and Communication Technology (ICT) to harvest the potential of the either sectors. We are looking forward to introduce innovative practices of automation and information mitigation by means of ICT in the scarcely charted agriculture and allied sectors to bridge the gap between the skills of the technocrat and the farmer

About Information Technology Center, AAU-Anand :

The agriculture sector plays predominant role in economy of India. Information Technology is an important branch in the field of agriculture as it provides support to the farming community. Agriculture is the backbone of agro industries. IT contributing one third to the national GDP in the Indian economy. Under the changing dynamics of economical and industrial growth, agriculture has to experience changes with new approaches.

The Information Technology Center at Anand Agricultural University caters the demand for the use of Information Technology at the university level as well as the in the field of agriculture and allied sciences. The agricultural sector has to suffer because of lake of information of new technologies to the farmers and also communication gap between farmers and the researchers. Some problems, regarding Indian farming are how to produce, what to produce, when to produce and where to produce. A quick solution can bring about these problems is only using Information Technology in Agriculture and allied sciences.

About Workshop-cum-Training Programme :

Data analysis is playing a crucial role in every aspect in this world. It is important in education and research purposes. It is a way to study and analyze huge amounts of data. Research often includes going through heaps of data, which is getting more and more for the researchers to handle with every passing minute.

Hence, data analysis knowledge is a huge edge for researchers in the current era, making them very efficient and productive.

The topics to be covered in this programme are introduction to python, basics of python, data types, control statements, built-in and user define functions, working with packages, python libraries, data visualization, probability distribution, hypothesis testing, parametric and non-parametric test, analysis of variance (ANOVA), correlation and regression

Objectives:

This workshop-cum-training programme is designed to learn the fundamentals of the Python programing language, especially for the purpose of data analysis for teaching and research.

Eligibility :

This is offline workshop-cum-training programme. Interested candidates preferably, Masters and Doctoral Students and Faculties from different disciplines are requested to apply through online registration process. The selected participants will be informed through email only.

Registration:

There is no registration fee. Only interested participant do the registration.

Registration Link: https://forms.gle/L4M1SyBRJN8QRdoP9

Important Instruction:

- This is an offline workshop-cum training programme
- Attendance is compulsory
- No TA/DA will be paid by the host institute
- Accommodation will be provided as per availability
- Certificates will be provided to the attendees

Contact Details:

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