

WHO SHALL ATTEND?

This training is mainly intended to the students of 6th and 8th Semester B.Sc. (Agri.) and B.Sc (Horti.) of Junagadh Agricultural University, Junagadh.

Accommodation & Registration:



Scan QR for Registration

Or

<https://forms.gle/Dw7XKCzCh79mGBtM8>

Participants are requested to send their filled online registration form to the co-organizing secretaries on or before the last date. **The total number of participants is restricted to 50 only.** Participants will be selected based on Application basis.

DATES TO REMEMBER:

Last Date for Registration : **07th March, 2020**
Confirmation to the Participants : **11th March, 2020**

ADDRESS FOR CORRESPONDENCE:

Dr. D. V. Patel / Dr. M. S. Shitap

Co-Organizing Secretaries,

Department of Agricultural Statistics

College of Agriculture, Junagadh Agril. University,
Junagadh - 362 001, Gujarat, India.

Chief Patron	
Dr. V. P. Chovatia Hon'ble Vice Chancellor & PI (IDP) Junagadh Agricultural University	
Chairman	
Dr. M. A. Vaddoria Principal & Co-PI, CoA, JAU, Junagadh	
Guest of Honour	
Dr. Pramod Mohnot Associate Director of Research JAU, Junagadh	Dr. P. M. Chauhan Registrar JAU, Junagadh
Organizing Secretary	
Dr. S. M. Upadhyay Professor & Head, Dept. of Agril. Stat., CoA, JAU, Junagadh	
Co-Organizing Secretaries	
Dr. D. V. Patel Asso. Professor Dept. of Agril. Stat. CoA, JAU, Junagadh	Dr. M. S. Shitap Asstt. Professor Dept. of Agril. Statist. CoA, JAU, Junagadh



Five Day Special Skill Development Training Programme on

Applied Mathematics for Agricultural Decision Making

(Theory and Hands-on Training Practical Sessions)

13th – 17th March, 2020

Time: 9:00 -17:00 hrs



Organizing Secretary

Dr. S. M. Upadhyay

Professor and Head

Co-Organizing Secretaries

Dr. D. V. Patel

Dr. M. S. Shitap

Department of Agricultural Statistics
College of Agriculture
Junagadh Agricultural University
Junagadh—362001, Gujarat, India
www.jau.in

ABOUT JAU, JUNAGADH:

Junagadh Agricultural University is one of the leading State Agricultural Universities in India. Established in 2004, the University is fast establishing its footprints in addressing the emerging challenges in agriculture. The University is ranked 20th in the latest ICAR ranking. JAU has been bestowed with several awards including Mahindra Samrudhi Award – 2018 and is also the recipient of INR 300 million Institutional Development Plan (IDP) sponsored by ICAR-World Bank meant for skill development of students.

The university has three agricultural colleges besides one college each for agricultural engineering, horticulture, veterinary, fisheries and agri-business management. JAU has a robust research system with 27 research stations and vibrant extension education system with 07 Krishi Vigyan Kendras. The Department of Agricultural Statistics under the College of Agriculture, Junagadh was established in 1960 and PG programme is offered at the Department from 1968 onwards. The Department is offering courses to the tune of 60 credits at both agriculture & horticulture colleges. Presently, there are 5 faculties working in the Department and a total of 8 students, pursuing their Master’s and Doctoral degrees. The Department has so far guided 21 Master’s and 12 Doctoral degree candidates.

ABOUT THE TRAINING:

This special skill development training programme will help in improving the analytical skills of the students. It will also enhance their competitiveness level and will be of greater use during their preparation for competitive examinations like bank examinations, UPSC/ GPSC, CAT and other B-School oriented entrance tests.

Topics to be covered:

Day 1- Application of Differential Calculus in Agriculture and Allied Sciences. (Differentiation of polynomial, exponential and logarithmic functions, Derivatives of sum, difference, product and quotient of two functions, Chain rule, Maxima and minima, rate of change)

Dr. H. J. Kanani

Day 2 -Matrices and their use in AI (Addition, Subtraction and multiplication of matrices, transpose and inverse of matrices, Solving simultaneous equations, cramer’s rule)

Dr. H. J. Kanani

Day 3 - Probability as a decision making tool (Mathematical and empirical probability, Simple, complementary, equally likely, mutually exclusive, independent events, union and intersection of two events, Laws of probability, conditional probability)

Dr. V. B. Darji

Day 4 - Importance of Integral Calculus in Decision Making (Integration of simple functions, product of two functions, Substitution rule, area under curve)

Dr. M. K. Kansagara

Day 5 - First and Second Order Statistics (Measures of central tendency and dispersion, testing of hypothesis, Distributions, correlation and regression)

Dr. J. S. Patel



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Venue: Digital Classroom, Dept. of Agril. Stat., CoA, JAU, Junagadh

REGISTRATION FORM

Name of the Student.....

Registration Number.....

Mobile Number.....

Address.....

.....

Adhaar Card No. of the Student.....

Degree. B.Sc.(Agri.)/ B.Sc.(Hort.).....

Semester.....

College.....

OGPA.....

Preparation for Competitive exam. Yes / No.....

Marks in Agril. Statistics (Ag. Stat. 2.2/BSC 2.7/SSC 2.4).....

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Marks in Mathematics (Maths 2.1).....

Sign of the Student