

Tentative Program

Day-1	Pre-Lunch Session	Registration & Inauguration Introduction to Statistics Economic Analysis Statistical methods and experimental designs
	Post-Lunch Session	Descriptive & inferential statistics
Day-2	Pre-Lunch Session	Machine learning revolution in computational biology and agriculture Introduction & installation of Statistical Software(s) SPSS, Stata, MS Excel, Biometrical software(s)
	Post-Lunch Session	Hands on training Academic Dinner
Day-3	Pre-Lunch Session	Application of statistics in agriculture & biology Data visualization and exploration techniques Hands on training
	Post-Lunch Session	Excursion Trip
Day-4	Pre-Lunch Session	EndNote (Reference Management Software) Communication skills Hands on training
	Post-Lunch Session	Hands on training Concluding Ceremony

Improving Skills in Statistical Applications



3rd NATIONAL WORKSHOP

On

**STATISTICAL SOFTWARE(S) & DATA ANALYTICAL TECHNIQUES
FOR VARIED ORGANIZATIONS
05-08 NOVEMBER, 2018**

by

**NUCLEAR INSTITUTE FOR FOOD & AGRICULTURE (NIFA)
PESHAWAR**

in Collaboration with

ABASYN UNIVERSITY (AU), PESHAWAR

Venue

NIFA, Peshawar & AU, Peshawar

About Workshop

RESOURCE PERSONS

Prof. Dr. Zahid Asghar
Quaid-I-Azam University,
Islamabad

Dr. Fayyaz-ul-Amir Afsar Minhas
Pakistan Institute of
Engineering and Applied
Sciences, Islamabad

Dr. Muhammad Asif Kamran
Nuclear Institute of
Agriculture & Biology,
Faisalabad

Dr. Muhammad Amin
Nuclear Institute for
Food & Agriculture,
Peshawar

Dr. Muhammad Salman
Abasyn University,
Peshawar

Statistics is a vital tool for research and academic organization to design, implement and interpret the results in a coherent and logical manner. It lends credibility to a researcher's data and enables the policy makers to draw correct quantitative inference from the solid affirmament of statistically analyzed data to take decisions for nation building measures. In this scenario, the trend of reliance on precise data generated from well designed experiments is increasing day by day which call for equipping the researchers and academicians with latest skills and software tools for this subject. The workshop being organized by NIFA, Peshawar in collaboration with Abasyn University, Peshawar is aimed to achieve this objective with a vision to upscale the know-how of the participants so that they can feel more facilitation and confidence in designing of experiments and data analysis.

Workshop Outline

- ☞ The appropriate use of statistical methods and designs
- ☞ The use of probability distribution in applied research
- ☞ Computational techniques in agriculture & biology
- ☞ Economic analysis of agricultural research & projects
- ☞ Introduction on Citation Management Tool (EndNote)
- ☞ The effective use of descriptive and inferential statistics
- ☞ Economic analysis of agricultural research
- ☞ Data visualization and exploration techniques.
- ☞ SPSS, Statistix, MS Excel, Biometrical computational programmes,

For more information contact

Dr. Muhammad Amin, Course Coordinator

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03488996022

Application for Participation

Application duly completed on the prescribed format should reach to the workshop coordinator on or before October 31, 2018. In-service candidates should apply through proper channels. Workshop application form can be downloaded from www.nifa.org.pk

Registration Fee

Professionals : Rs. 3000/-

(Registration fee, Certificate, workshop material,
Tea/Coffee, Luncheon)

Students : Rs. 1000/-

(Registration fee, Certificate, workshop material,
Tea/Coffee)

Excursion Trip : Rs. 1000/- per head (*Optional*)

Boarding and Lodging

Participants will have to make arrangement of stay in Peshawar at their own. TA / DA will be responsibility of nominating organization / establishment. Pick & drop service may be provided subject to availability. Accommodation and its rates will be provided on request.

Who should attend?

Scientists/ Medical Doctors / Faculty Members /
Policy Makers / Students working in Agriculture,
Medical, Biological and Social Sciences.

Chief Patron

Mr. Muhammad Naeem, HI, SI
Chairman PAEC

Patron

Dr. Muhammad Masood ul Hasan
Member (Science), PAEC

Abdul Jabbar Khan
Director General (Agric. & Biotech)

Advisory Committee

Dr. Wisal Muhammad
Director NIFA

Muhammad Imran Ullah
Chancellor
Abasyn University, Peshawar

Prof. Dr. Syed Umar Farooq
Vice Chancellor
Abasyn University, Peshawar

Organizing Committee

Fiaz-ud-Din
Head TSD, NIFA

Dr. Muhammad Amin
Pr. Scientist, NIFA

Dr. Muhammad Khurram
Abasyn University, Peshawar

Dr. Muhammad Salman
Abasyn University, Peshawar

Zafar Iqbal
Abasyn University, Peshawar