

**JULY**  
**22-26, 2019**

# EIGHTH

## 5 DAYS WORKSHOP ON

### APPLIED ECONOMICS

### USING SOFTWARE



**School of Economics, QAU, Islamabad**



## RESOURCE PERSONS

**Dr Ahsan ul Haq**



Assistant Professor  
Dept. of Eco. & Finance  
Pakistan Institute of Development Economics, Isb.

**Dr Abdul Jalil**



Professor  
Department of Economics  
Pakistan Institute of Development Economics, Isb.

**Dr Eatjaz Ahmad**



Professor  
Department of Economics  
Quaid-i-Azam University, Islamabad

**Dr Zahid Asghar**



Professor  
School of Economics  
Quaid-i-Azam University, Islamabad

**Dr Wasim S. Malik**



Professor  
Department of Economics  
University of Peshawar, Peshawar

**Dr Muhammad Jamil**



Assistant Professor  
School of Economics  
Quaid-i-Azam University, Islamabad

## ABOUT WORKSHOP

Indeed, the use of computer packages is increasing day by day in qualitative as well as in quantitative research. So the better understanding of these packages will enable researchers to conduct a reliable research. Therefore, keeping the importance in view, eighth 5 days' workshop on Applied Econometrics is planned to be held at School of Economics, Quaid-i-Azam University, Islamabad from July 22, 2019 to July 26, 2019. The experts of the Applied Econometrics of the prestigious universities will guide the participants to better understand different software along with the core concepts of the Applied Econometrics with real time data sets. The selection of the software is based on the strength of analysis and the power of the diagnostics. Furthermore, the use of primary and secondary data on different software will also be the part of learning.

## WHO SHOULD ATTEND

The target participants of the workshop are the faculty members, PhD and MPhil students, and researchers at various institutes, who have to use software to teach or to conduct research at various levels. PhD and MPhil students are highly encouraged to attend the workshop for better understanding about the software's.

## WORKSHOP PROGRAM

### July 22, 2019

Registration:	09:00am – 09:30am
Inaugural Session	09:30am – 10:30am
Tea Break	
Lecture 1: Advances in Economic Research	10:30am – 01:00pm
Lunch Break	
Lecture 2: Data Analysis using Microsoft Excel	02:00pm – 03:50pm
Tea Break	
Lecture 3: Simulations using Microsoft Excel	04:10pm – 06:00pm

### July 23, 2019

Lecture 1: Univariate and Multivariate Regression	09:00am – 10:50am
Tea Break	
Lecture 2: System of Equations	11:10am – 01:00pm
Lunch Break	
Lecture 3: Univariate time series analysis	02:00pm – 03:50pm
Tea Break	
Lecture 4: Multivariate time series analysis	04:10pm – 06:00pm

### July 24, 2019

Lecture 1: Introduction to QGIS	09:00am – 10:50am
Tea Break	
Lecture 2: Spatial Analysis using QGIS	11:10am – 01:00pm
Lunch Break	

Lecture 3: Cointegration Analysis	02:00 pm – 03:50 pm
Tea Break	
Lecture 4: Cointegration Analysis with Panel data	04:10 pm – 06:00 pm

### July 25, 2019

Lecture 1: Research in Economics using SPSS	09:00am – 10:50am
Tea Break	
Lecture 2: Analysis with Microdata using SPSS	11:10am – 01:00pm
Lunch Break	
Lecture 3: Structural Equation Modeling	02:00pm – 03:50pm
Tea Break	
Lecture 4: Analysis with AMOS	04:10pm – 06:00pm

### July 26, 2019

Lecture 1: Parametric and Non-parametric tests with Stata	09:00am – 10:50am
Tea Break	
Lecture 2: Limited dependent variable Analysis	11:10am – 01:00pm
Lunch Break	
Lecture 3: Panel Data Analysis	02:00pm – 04:30pm
<b>Closing Ceremony and Certificate Distribution</b>	
<b>Tea Break</b>	

## REGISTRATION

A prescribed registration form will be available from the office of school of Economics, QAU. You can also request for the form on [trainings.soe@qau.edu.pk](mailto:trainings.soe@qau.edu.pk) or [mjamil@qau.edu.pk](mailto:mjamil@qau.edu.pk). Moreover, forms can also be downloaded from [eco.qau.edu.pk](http://eco.qau.edu.pk). Last date of submitting the form is **July 10, 2019**. The available seats are limited, so privilege will be given to candidates who will apply first.

### Registration Fee:

For Students	Rs. 5000/-
For Teachers/Researchers	Rs. 7000/-

## CONTACT PERSON

**Dr. Muhammad Jamil,**  
Assistant Professor, School of Economics, Quaid-i-Azam University, Islamabad.  
email: [mjamil@qau.edu.pk](mailto:mjamil@qau.edu.pk) Phone: 051-90643229, 0331-2331079