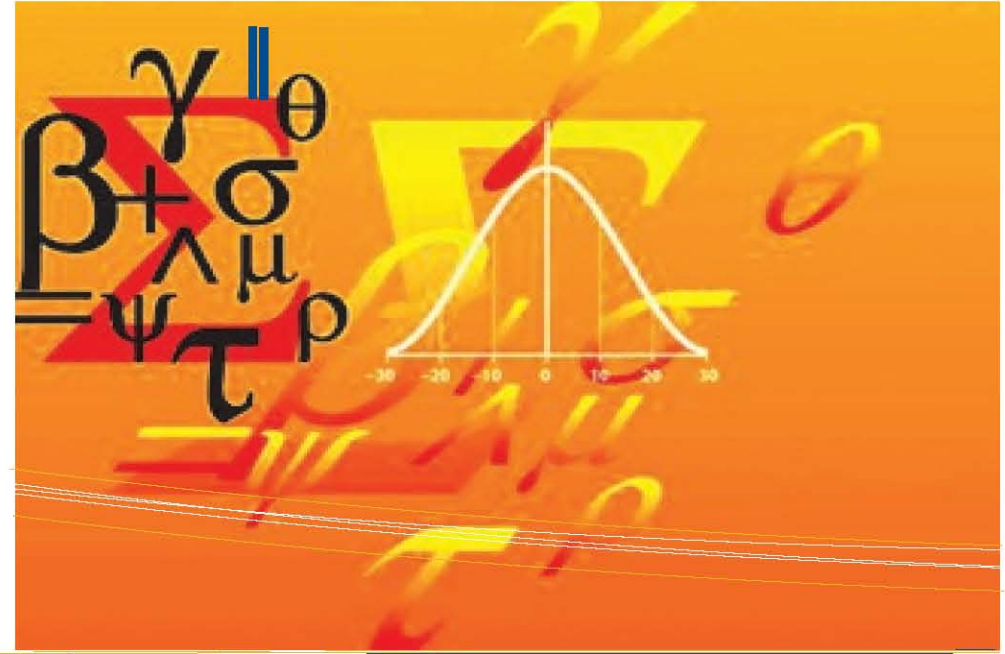


## PIDE Campus



### ABOUT US

Pakistan Institute of Development Economics was established in 1957 and was accorded the status of an autonomous research organization in 1964 by the Government of Pakistan. It is devoted to theoretical and empirical research in economics and related social sciences. In addition to providing a firm academic basis to economic policy-making, its research also provides a window through which the outside world can view the nature and direction of economic and social research in Pakistan. Since the past seven years PIDE has been successfully running its Ph.D program in economics. It is now a federally chartered degree awarding institute.

### WHY STUDY AT PIDE

PIDE is a 53 year old research-rich institute, with highest proportion of doctorate faculty who are global experts in their fields. Whether you take a taught program or pursue a research degree, you will be studying with people whose work pushes forward the boundaries of their subject. Research at PIDE is outward-looking and collaborative. We actively encourage interdisciplinary research that cuts across traditional subject boundaries and explores the connections between them. Furthermore, PIDE has research collaborations with numerous bi-lateral and multi-lateral organizations such as the World Bank, United Nations Development Program (UNDP), IUCN, Asian Development Bank (ADB), International Labour Organization (ILO), International Food Policy Research Institute (IFPRI), International Development Research Centre (IDRC), Food and Agriculture Organization (FAO), Canadian International Development Agency (CIDA), United Nations Population Fund (UNFPA), United Nations Children's Fund (UNICEF), United Nations Industrial Development Organization (UNIDO), and other domestic research organizations.



## Department of Econometrics & Statistics

PAKISTAN INSTITUTE OF DEVELOPMENT ECONOMICS

### PhD/MPhil Econometrics

Online Admission: <http://www.pide.org.pk/apply1>



“  
Look beyond the numbers, and get the facts”  
”

## INTRODUCTION

The discipline of Econometrics is the key to an understanding and analysis of theories of economics and their constituent components. Over the years, this role has been fortified due to the active infusion of mathematical, statistical and computational methods in the subject matter of Economics. Econometrics is distinguished from statistical analysis more generally by its use of economic concepts and theories as basis for empirical investigation.

The department of Econometrics and Statistics is currently offering the PhD and Mphil program in Econometrics. The PhD program aims to focus on teaching and research in econometric theories, methodological and conceptual issues and the relevant statistical methods applied to socially relevant economic issues and policies. The Mphil program is directed towards ambitious and excellent students who aim to develop themselves as independent researchers and experts in their fields. It offers a well balanced training in quantitative methods, economic theory and applied economics. There is an emphasis on the application of econometrics and statistics, through exercises and seminars, to policy issues and empirical questions. The rigor of analysis, empirical validation of economic hypotheses and contributions to business and public policy has been the main pillars which strongly emphasizes the need for this discipline. Students who will complete these programme will be prepared for careers in academic research, national and international governmental organizations, or private business.

## OBJECTIVES

To provide theoretical knowledge: these include basic econometric theory, applied econometrics, time series analysis, financial econometrics, panel econometrics, micro econometrics, Bayesian econometrics, Non parametric and semi parametric econometrics.

To teach application of theories: there is an emphasis on the application of econometrics and statistics, through exercises and seminars, to policy issues and empirical questions.

To provide skills to use Econometrics and Statistical packages.

Awareness about the different national and international sources of data.

## CURRICULUM

Department of Econometrics and Statistics offers a comprehensive curriculum in Econometrics and Statistics at the MPhil/PhD. level including basic econometric theory, applied econometrics, time series analysis, financial econometrics, panel econometrics, micro econometrics, Bayesian econometrics, Non parametric and semi parametric econometrics.. In the core courses, there is an emphasis on the application of econometrics and statistics, through exercises and seminars, to policy issues and empirical questions.

For details visit: [http://pide.org.pk/Index.php?option=com\\_content&view=article&id=49&Itemid=110](http://pide.org.pk/Index.php?option=com_content&view=article&id=49&Itemid=110)

## ELIGIBILITY CRITERIA

For MPhil Candidate shall have obtained M.A./M.Sc in Economics/Statistics/Econometrics and Statistics/Mathematics OR BS (4-year) in Economics/Statistics/Mathematics;

For PhD Candidate shall have obtained in MPhil (Mathematics/Statistics/Economics/Econometrics/ Computer Science/Economics & Finance) at least 3 CGPA (with minimum Grade B or Second Division) from a recognized institution will be eligible to apply for admission.

Applicants will be selected on the basis of their performance in the admission test, interview, academic record, research publications, letters of recommendation and statement of purpose.

## FEE STRUCTURE

For MPhil/ PhD (One Time Charges: Rs.15,000/-, Per Semester Charges: Rs. 3,300/- (per credit hour))

For details visit: [http://www.pide.org.pk/index.php?option=com\\_content&task=view&id=241&Itemid=569](http://www.pide.org.pk/index.php?option=com_content&task=view&id=241&Itemid=569)

## SCHOLARSHIPS

Merit as well as need basis scholarships are available.

## FACULTY

The faculty of the Econometrics & Statistics program brings diverse interests and experiences to their classrooms. Teaching staff are research-active, which keeps the learning of students at cutting-edge.

Dr. Asad Zaman, Stanford University, USA

Dr. Abdul Qayyum, Bradford University, UK

Dr. Muhammad Iqbal, Ohio State University, USA

Ms. Amena Urooj, MPhil, QAU, Islamabad

Dr. Hafsa Hina, PIDE, Pakistan

Dr. Saqlain Raza, National Polytechnic Institute, France

Dr. Ahsan-ul-Haq, International Islamic University, Pakistan

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[ Spirit Of Free Inquiry ]