

**GOLDEN JUBILEE CELEBRATIONS**



A SAGA OF 50 GLORIOUS YEARS OF

**Department of Economics**



**JAMIA MILLIA ISLAMIA**

**A 102-Year-Old Multi-Faculty Central University**

NAAC Accredited A++ Grade | 3rd Ranked among Universities in NIRF-2022

**National Workshop**

**on**

**PRODUCTIVITY AND EFFICIENCY ANALYSIS**

**Dates: 4<sup>th</sup> to 5<sup>th</sup> November, 2022**

**Organized**

**by**

**Department of Economics**

**Faculty of Social Sciences**

**Jamia Millia Islamia**

**New Delhi-110025**

## **About Us**

### **JAMIA MILLIA ISLAMIA**

Jamia Millia Islamia, an institution originally established at Aligarh in United Provinces, India in 1920 became a Central University by an act of the Indian Parliament in 1988. In Urdu language, Jamia means ‘University’, and Millia means ‘National’.

The story of its growth from a small institution in the pre-independence India to a central university located in New Delhi—offering integrated education from nursery to research in specialized areas—is a saga of dedication, conviction and vision of a people who worked against all odds and saw it growing step by step. They “built up the Jamia Millia stone by stone and sacrifice by sacrifice,” said Sarojini Naidu, the nightingale of India. Jamia is a NAAC A++ accredited university and it has been declared as the 3<sup>rd</sup> top university in India in NIRF, 2022.

### **DEPARTMENT OF ECONOMICS**

The Department of Economics is one of the oldest Departments, established in 1971, under the Faculty of Social Sciences. The department is highly reputed and well- recognized in the country for its Programmes, viz., Ph.D., M.Phil. M.A. (Economics), M.Sc. (BFA) and B.A. (Hons.), as it has always maintained high standards of the teaching-learning process. It has state-of-the-art Infrastructural support where all the computers of the Department have internet connectivity, a Smart Class Room, two other classrooms with AC facilities, and a Computer Laboratory well-equipped in terms of Hardware and Software, including application of Econometric Software’s like SPSS, E-views, STATA, R and Python etc.

### **ABOUT THE WORKSHOP**

To achieve smooth and sustained economic growth the developing countries like India need to enhance the productivity and efficiency of various sectors along with its factors of production and hence it is imperative to analysis the performance of these sectors by measuring the productivity and technical efficiency.

Technical efficiency means the capacity of a firm to produce maximum output by a given set of inputs or by a minimum quantity of inputs (Kumbhakar and Lovell, 2003).

The literature pointed out that measurement of technical efficiency of firm/ industry is important because it not only determines the level of efficiency of a firm but also contributes economic growth of an economy (Fahmy-Abdullah et al., 2017).

## **OBJECTIVES OF THE WORKSHOP**

The main objective of this workshop is to impart the practical knowledge on the estimation of Productivity and Efficiency and its applications in empirical research.

This workshop aims to cover a wide range of topics and models, so that participants will learn the tools that allow them to acquire a comprehensive understanding of how to analyze different types of data to measure the Productivity and Efficiency and how to derive conclusions through the use of these models.

## **TOPICS TO BE COVERED IN THE WORKSHOP**

1. Introduction to Productivity Analysis
2. Efficiency Analysis on DEAP Software
3. Stochastic Frontier Analysis (SFA) Models
4. Data Envelopment Analysis (DEA)
5. Malmquist Productivity Indicator
6. Time Series Adjustment for Efficiency Analysis
7. Panel Data Analysis
8. Hands on Training Through STATA/ R software

## **RESOURCE PERSONS**

Resources persons are eminent faculty members drawn from the reputed universities and Institutions.

## **SOFTWARE APPLICATIONS**

This workshop will provide theoretical understanding as well as practical application of Econometric Models through utilization of statistical software like, DEAP, STATA/ R.

## TARGET PARTICIPANTS

- Research Scholars in Economics and other related fields of Social Sciences
- Teachers in Colleges and Universities
- Government and Non-Government officials of Bank and other Institutions
- Corporate and Consultancy Firms

## SELECTION OF PARTICIPANTS

The screening committee will be selecting the participants on the basis of their CV. The decision of the committee on the selection of the participants will be final and binding. The participants, attending the workshop will not be provided any TA/DA. The participants will be provided certificates on successful completion of the workshop. Participants are expected to have basic knowledge of Statistics, Econometrics and Computer Knowledge. Total number of seats in the workshop is 40.

Interested participants may send their filled application form along with updated C.V and payment receipt to the email id: [events.economics@jmi.ac.in](mailto:events.economics@jmi.ac.in) on or before 31<sup>st</sup> October-2022. Selected candidates will be intimated by 1<sup>st</sup> November, 2022.

## REGISTRATION DETAILS

Selected candidates must pay registration fee on or before 31<sup>st</sup> October, 2022. Applicants are advised to deposit the course fee by NEFT/RTGS/IMPS. Participants are advised to make their own arrangements of travel, food and boarding/lodging. Please note that no request for fee reduction or fee waiver will be entertained.

## REGISTRATION FEE

Sl. No.	Categories	Registration Fee
1	Research Scholar	Rs. 1499
2	Academician	Rs. 2499
3	Corporate People	Rs. 2999

## **BANK DETAILS FOR FEE SUBMISSION:**

Institute Name- Jamia Millia Islamia

Beneficiary Name- JMI- Seminar and Symposium

Name of Bank- Indian Bank

Branch- Jamia Millia Islamia

Account No.- 6767690486

IFSC Code- IDIB000J029

MICR Code- 110019041

**Note: After making payment applicants are requested to send the fee receipt to [events.economics@jmi.ac.in](mailto:events.economics@jmi.ac.in)**

## **ACCOMMODATION**

On request, we can explore the possibility to provide subsidized accommodation in the University guest house depending on the availability. Cost towards accommodation (boarding/lodging) will be borne by the participants. The organizers will provide tea, snacks and lunch during the workshop.

**Dr. Asheref Illiyan**  
(Workshop Director)  
Professor & Head  
Department of Economics  
Jamia Millia Islamia, New Delhi

**Dr. Vasim Akram**  
(Workshop Coordinator)  
Assistant Professor  
Department of Economics  
Jamia Millia Islamia, New Delhi  
**E-mail:- [vakram@jmi.ac.in](mailto:vakram@jmi.ac.in)**

**NATIONAL WORKSHOP  
ON  
“PRODUCTIVITY AND EFFICIENCY ANALYSIS”**

Department of Economics, Jamia Millia Islamia, New Delhi

(4<sup>th</sup> –5<sup>th</sup> November, 2022)

Name of the Applicant.....

Name of the University/ Institution/ Organization.....

Address of the University/ Institution/ Organization.....

Designation of the Applicant.....

**Details of Fee**

NEFT/RTGS/IMPS Ref No:.....

Amount:.....

Bank Name:.....

Date:.....

Mobile No:.....

Email:.....

Date:.....

Place:.....

Signature of the Applicant