



**IPS Academy**  
**Institute of Business Management & Research, Indore**  
**is Organizing**

**AICTE Sponsored Online Short Term Training Program (STTP)**

on

**ECONOMETRICS**

**Venue: Virtual Platform- ZOOM, Duration - 6 Days**

**THERE IS NO REGISTRATION FEES**



**Phase I**  
**Feb 08- 13, 2021**

**Resource Persons**



**Dr. C.P Gupta**  
Professor, Department of  
Finance & Business Economics  
**University of Delhi**



**Dr. Ganesh Kawadia**  
Retired Professor & Ex Head  
School of Economics  
**DAVV Indore**



**Dr. Pritee Sharma**  
Associate Professor  
Department of Economics  
**IIT Indore**



**Dr. Joyshankar Bhattacharya**  
Associate Professor  
Economics Area  
**IIM Indore**



**Dr. Arindam Laha**  
Associate Professor  
Department of Commerce  
**Burdwan University, West Bengal**



**Dr. Kulbir Singh**  
Associate Professor  
Department of Finance  
**IMT Nagpur**

**Phase II**  
**Mar 01-06, 2021**

**Program Overview**

The present workshop aims to impart knowledge of Econometrics and its applications in the context of empirical research in the field of Business, Commerce, Economics, Management and other Social Sciences. To introduce key concepts of Econometrics through hands on experience in using software in concrete management situations. Expose participants to a selected set of econometrics tools that help in taking key management decision in Research/ Industry.

**Phase III**  
**May 03-08, 2021**

**Learning Outcomes**

On successful completion of this program, participants will be able to:

- ❖ Understand the concept of integration of Mathematics and Economics.
- ❖ To empirically confirm economic theories
- ❖ Apply IT based tools for econometrics analysis.
- ❖ Analyze time series real time data and create forecasting models.

**Program Details**

- ❖ Introduction to Econometrics using Software, Basics of Linear Regression and Regression Diagnostics
- ❖ Structural Break, Dummy Variable Model & Difference in Difference Model
- ❖ Time Series Data and Econometrics, Stationarity and Unit Root Test , Granger Causality Test
- ❖ Logit Model, Probit Model & ARIMA Modeling
- ❖ Co-integration and Error Correction Models Volatility Models: ARCH and GARCH
- ❖ Panel Data, Random Effects and Fixed Effects model

### Key Highlights

- No registration fees.
- The number of seats are limited
- This STTP is for faculty members, research scholars, participants from industry.
- The STTP will be conducted in online mode on Zoom platform.
- Participants should have relevant resources viz., laptop/desktop with adequate internet connectivity.
- The participants who have attendance 80% or more and also score minimum 60% in the online test will be issued certificate.
- Intimation to the participants about registration confirmation shall be given through email.
- The STTP is organized in three Phases, however similar content will be delivered in each STTP, hence participants shall only participate in one of the Phases (1 , 2 or 3) of STTP.
- The 6 days STTP will have sessions of five hours each day (Tentative Timings: 10 A.M - 11.30 A.M, 12 Noon - 1.30 P.M, 2.30 P.M - 4.30 P.M).

### Important Information

The soft copy of completely filled registration form should be sent to the course coordinator on or before:

**1<sup>st</sup> of February, 2021 for Phase 1**

**22<sup>nd</sup> of February, 2021 for Phase 2**

**and 26<sup>th</sup> of April, 2021 for Phase 3**

**Email id: [sttpibmr.eco@ipsacademy.org](mailto:sttpibmr.eco@ipsacademy.org)**

### Program Registration

Click on the following Link:

<http://forms.gle/AoM7d1joi2Has3iq7>

### STTP Dates

**Phase -1: Feb 08 -13, 2021  
(Mon -Sat)**

**Phase -2: Mar 01-06, 2021  
(Mon -Sat)**

**Phase -3: May 03-08, 2021  
(Mon -Sat)**

### Program Chair

Dr. Vivek Singh Kushwaha

Director

IBMR, IPS Academy

Indore, M.P

### Program Coordinator

Dr. Sachin Mittal

Professor

IBMR, IPS Academy

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### Program Co-coordinators

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