

University Grants Commission (UGC) Approved State Private University

Research Cell and Department of Economics, Vishwakarma University, Pune

Presents Joint Summer School On

STATISTICAL & ECONOMETRIC SKILLS WITH STATA

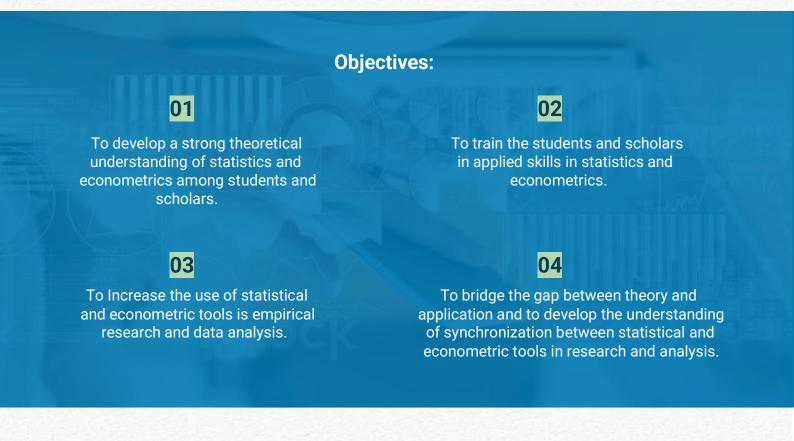
27th June to 15th July

(Monday to Saturday, 9 am to 2) pm

Mode of Conduction: Offline Number of Participants: Maximum - 50

About the summer school

Research cell and Department of Economics (Faculty of Humanities and Social Sciences) of Vishwakarma Universit organizing its first summer school of three weeks for students and scholars of economics to enhance their theoretic applied statistical and econometric skills with STATA software. with the support of scholars and professors from reuniversities, we have developed standardized qualitative applied skills-oriented content for economic students and scholars.



Pedagogy:

A mix of Pedagogical tools will be used in discussion, small assignments, and practical training on statistical and e tools with actual data using statistical software. Participants will be provided with the relevant resources and requiring files to facilitate the practical training.

Registration details:

Registration fee: Rs. 3000 Registration link:https://forms.gle/7h5wZiZ2qE1AtAcFA Last date of Registration: 20th June, 2022



Kindly make payment on the below account details: (Upload the payment receipt or screenshot of payment details in the registration form

Bank Name: HDFC Bank Limited Branch: Kondhwa, Khurd, Pune 411 048. Type of Account: Current Account Number: 50200027418843 IFSC Code: HDFC0000029 (Fifth to Ninth character is "Zero")

Who can join it?

+ Academicians & Faculty Members in economics, health, commerce, and other allied streams of social sciences.

- + Research Scholars
- + Post Graduate and Graduate students.

Resource Person:



Mohamad Aslam

Mohamad Aslam is a research scholar, social entrepreneur, and Assistant Professor in the Department of Economics at Vishwakarma University (Pune). He is currently pursuing his Ph.D. (Occupational Structure of Agro-Pastoralist Tribes in Central Region of Western Himalaya: A case study of guijar and gaddi tribes of Himachal Pradesh) from Punjab University. He has completed his M. Phil. from Jawaharlal Nehru University, a thesis titled "Employment and Education Linkages: A Comparative Study of Tribes in Northeastern and the Central States." His research interests lie primarily in agrarian studies, labor market, economic transformation among tribals, education, and inequality. He has teaching experience of more than half a decade in theoretical and applied statistics and econometrics and plans to continue his journey of helping research scholars and students to gain practical skills with theoretical knowledge. He has already conducted seven such workshops, including two national seminars and many other courses to train scholars and working professionals in applied skills.

Learning Outcomes

+ Participants will learn Basic STATA commands: gen, rename, label, egen, recode, tag, and destring (with ignoring and force), count, list, describe, substring, split, sort, and browse.

+ Participants will learn numeric and graphical tools in descriptive statistics (practical with STATA).

+ Participants will learn different methods of correlation based on the nature of the variable (practical with STATA).

+ Participants will learn all the three hypothesis testing methods and all the hypothesis testing process components. Also, the applications of hypothesis testing in descriptive statistics and correlation analysis (practical with STATA).

+ Learn the nature of regression analysis (bivariate and multivariate).

+ Learn the Ordinary Least Square method of estimating regression coefficients (with assumptions and properties)

+ Learn the estimation of regression coefficients, diagnostics testing, and interpretation of regression results (practical with STATA).

+ Learn the nature, causes, consequences, detection methods, and remedial measures of multicollinearity, heteroscedasticity, and autocorrelation.

+ Understand the components of time series in a univariate setup.

Content Highlights

- + Basic STATA commands
- + Descriptive Statistics for qualitative and quantitative data (numeric and graphical tools for Nominal, Ordinal, Interv Ratio scale)
- + Correlation Analysis (Parametric and Non-Parametric methods)
- + Inferential Statistics (Hypothesis testing methods along with applications)
- + Two Variable Regression Analysis (using the OLS method)
- + Unit Variate Time Series Analysis (Trend, Cyclical, Seasonal and Irregular components)
- + Multiple Regression (OLS method)
- + Dummy Variable models
- + Multicollinearity, Heteroscedasticity, and Autocorrelation (Nature, Causes, Consequences, Detection, and Remedia measures)

Organizing Committee:

Dr. Rahul Waghmare

Chairperson,

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Student Coordinators:

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Manjiri Jumde (B.Sc. Economics 2nd Year)

Divesh Aswani (B.Sc. Economics 2nd Year)

Juhi Tiwari (B.Sc. Economics 2nd Year)

Virti Medita (B.Sc. Economics 2nd Year)

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