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SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSE 2020-21

ECONOMETRICS



ABOUT THE COURSE

The course is intended to provide an introduction to econometric methods for analysing data into economic theory and also to give basic foundation in data analysis and model building. It gives an idea about the use of linear regression models in econometric analysis. The course is offered to students of BA Corporate Economics.

OBJECTIVES

- To make the students familiar with basic concepts of Econometrics and give foundation level of knowledge on the application of Econometrics
- To provide the students an understanding about the various aspects of Econometrics applicable to business and industry.



EXPECTED OUTCOMES

After completion of the course the students will be able to

- Understand the importance of economic theories in statistics and mathematics.
- Outline the uses of econometric models and linear regression analysis.
- Compare the different regression models
- Understand the nature of multicollinearity, autocorrelation and heteroscedasticity





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DURATION

Total duration- 30 hours

SYLLABUS

- Nature and scope of Econometrics
- Linear regression analysis and correlation • Two variable and multiple regression analysis
- Classical linear regression models.



ADVANTAGES

Study of Econometrics will help students to grasp knowledge about the tools needed for economic policy and formulation. Econometrics provide the tools for modelling the given data and apply it to real life situations. Students will enhance their career skill and knowledge which will help them to get better job prospects.



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**THIS COURSE IS DESIGNED FOR BA CORPORATE
ECONOMICS STUDENTS TO GAIN KNOWLEDGE ABOUT
APPLYING STATISTICAL METHODS TO ECONOMIC
DATA FOR BUILDING ECONOMIC RELATIONSHIPS.**



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