

Nalanda Open University

Department of Economics

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- Name of Course Coordinator – Prof. (Dr.) D. N. Jha
- Course – MA Economics (Part –II)
- Paper – XVI (Methodology of Economic Research)
- Topic – Role of Statistics in Economics

Statistics in Economic Space

Statistical methods and application are generally integrated with followings -

National Income

Employment Studies

Market Survey

Production

Export and Import

Pricing in Market

Taxation and Subsidy and Others

Functions of Statistics

- To simplify complex facts
- To provide numerical facts
- To provide definiteness to facts
- To compare the facts
- To study relationship of facts

Importance of Statistics in Economic Analysis

- Consumption of goods in market
- Production of goods and services in the market
- Distribution in the different markets
- Measuring revenue collection
- Determination of National Income
- Process of money supply and fluctuations
- Determination of unemployment
- Population and demographic studies
- Foreign trade analysis

Policy Related use of Statistics in Economics

- Growth and Development Models
- Price Forecasting
- Expectation of Revenue and Tax Collection
- Business Cycle Studies
- Effective Demand Forecasting
- Measurement of Liquidity in the Economy
- Exchange Rate Determination
- Projection of Consumption-Saving-Investment
- Level of Unemployment Forecasting
- Useful in Economic Planning and Policies