

## About the University

The Maharaja Sriram Chandra Bhanja Deo University (Erstwhile North Orissa University) was established in the year 1998 to cater the needs of the people of two tribal dominated districts of Northern Odisha namely Mayurbhanj and Keonjhar. The University Grants Commission has approved the University under 2(f) and 12(B) of the University Act. The University has twenty five post-graduate departments.

## About the Department

The Post-Graduate Department of Economics, Maharaja Sriram Chandra Bhanjadeo University was established in the year 2004 with the objectives of imparting quality teaching and to undertake research activities relevant to societal needs. At present, the department consists of three Associate Professors, and one Assistant Professor. The department offers M.A., M.Phil., and Ph.D programmes. The faculty members are engaged in research activities on various inter-disciplinary and emerging areas, viz., Environmental Economics, Social and Rural Development, Finance and Macroeconomic Issues, Tribal livelihood, etc.

### **CHIEF PATRON**

**Prof. S.K. Tripathy**  
Hon'ble Vice-Chancellor

### **PATRON(S)**

**Prof. P.K. Satapathy**  
Chairman, P.G. Council

**Prof. H.N. Thatoi**  
Coordinator, IDP

### **COORDINATOR**

**Dr. M. Mallick**  
HOD, Economics

### **CO-COORDINATOR**

**Dr. K.K. Sahu**  
Department of Economics

### **ADVISORY COMMITTEE**

Prof. M. Himabindu, CA  
Prof. H.K. Sahoo, Zoology  
Prof. S. Kar, Physics  
Dr. J.K. Mantri, HOD, CA  
Dr. P. Parida, HOD, Zoology  
Dr. B.K. Mohanta, HOD, ATS  
Dr. K.L. Barik, HOD, Botany  
Dr. I. Nayak, HOD, Physics  
Dr. L. Behera, HOD, Chemistry  
Dr. A.K. Patra, Asso. Prof. Economics



**OHEPEE-IDP SPONSORED**

**One Week**

**FACULTY DEVELOPMENT PROGRAMME**

**on**

**Techniques of Data  
Analysis  
in Social Science**

**15-19 May, 2023**

**Organized by**

**Department of Economics**

**MSCB UNIVERSITY, BARIPADA**

**(NAAC -'A')**

## About the FDP

Techniques of data analysis is important in social science research as it simplifies the study of data more accurately. It refers to the process of employing statistical and logical techniques to evaluate and synthesize the data collected. In social science research different types of data needs to be analyzed using different techniques. Hence, knowledge of data analysis is a cutting edge for researchers in the current era. It enables to analyse data in different formats. Even though data is abundant nowadays, it's available in different forms and scattered over various sources. Data analysis helps to clean and transform all them into a consistent form so it can be effectively studied.

## Topics to be covered

- Introduction to Data Analysis , Types, Measurement, reliability and validity
- Methods of Sampling Design, methods of collection of primary data with relative merits and demerits.
- Selection of appropriate data analysis technique
- Introduction to SPSS
- Data Analysis: Descriptive Statistics, Correlation and Regression Analysis (Using MS-Excel , SPSS & STATA software).
- T-test and one-way ANOVA and ANOVA using SPSS
- Correlation and Regression using SPSS
- Multiple regression analysis using SPSS

## Objectives

The programme is organized to achieve the following objectives:

- Understand different types of data, sources, and collection techniques
- Data handling techniques for data analysis
- Identify general statistical techniques for data analysis
- Determine how to summarize and analyze test statistics
- Use of different charts in data analysis
- Explain relationships among the variables using econometric techniques
- Uses of MS Excel and SPSS.

## Certification

Participation certificate will be issued to those participants with 100% attendance

## Registration

- No Registration Fee
- Online Registration to be done on or before 08/05/2023

## For Registration

[https://docs.google.com/forms/d/1SBQc7z81TZSUYzy5k32BIdeYzSwlSt\\_kEhhViW-4LEU/edit](https://docs.google.com/forms/d/1SBQc7z81TZSUYzy5k32BIdeYzSwlSt_kEhhViW-4LEU/edit)

## Contact Details

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