

# ICSSR SPONSORED COURSE ON RESEARCH METHODOLOGY



## FOR SC/ST PH.D STUDENTS OF SOCIAL SCIENCES



Course Dates:

20-30 November 2017

### Organised by

**Department of Analytical  
and Applied Economics**

Utkal University,  
Bhubaneswar-751004,

Odisha, India

**WEBSITE:**

[www.utkaluniversity.nic.in](http://www.utkaluniversity.nic.in)

### Important Dates:

Last date of receipt of  
application:  
21 October 2017

Selection to be  
communicated:  
25 October 2017

Confirmation by the  
candidate with tickets:  
30 October 2017

Course dates:  
20-30 November 2017

## Overview of the Course

Keeping in perspective the need for quality research and utilizing modern statistical tools for handling research data in most efficient manner the proposed Course aims to provide the resources and know-how for the benefit of the students pursuing research. The Course will not only deal with the problems of the non clarity of the research methodology but also other research related problems which the research scholars confront during their research work. The questions like how to develop the framework of research? Which methodology to follow? Which category of data will be most suitable for the study? , which tool should be used for data collection? ; What could be the right sample size? , how to analyze the data? , which statistical tool should be used for analyzing the data? , which statistical software is suitable for applying the statistical tool for my research, how SPSS could help in analyzing the data and testing the framed hypothesis? , how the research work of other researchers could be quoted without plagiarism, what are the different referencing styles which could be followed and how these could be utilized and presented in thesis etc are faced by the researcher during his/her research work. The present Course is an attempt to provide answers for these queries of the scholars and make their research more scientific, need based and genuine. SPSS, e-Views & Stata have become very popular software among the researchers but apart from handling it is very important that right data should be put through right application for obtaining good results. The proposed Course will not only acquaint the scholars with the use of the SPSS but also on the right handling of the software as per their collected data. This Course will also guide the scholars to conduct a micro level study and come up with suitable results with the use of research tools and use of SPSS.

## Objectives of the Course

Following are the main objectives of the proposed Course:

- To acquaint the research scholars with the basics of Research Methodology.
- To expose the students towards the new trends of research.
- To acquaint research scholars with appropriate selection of

## **ORGANISING COMMITTEE**

### **Patron :**

Professor S. M. Patnaik  
Vice-Chancellor

### **Advisor:**

Professor B. N. Satapathy  
Chairman. PG Council

### **Convener:**

Dr. Siba Sankar Mohanty  
Head of the Department

### **Course Director:**

Dr. Alok Ranjan Behera

### **Course Co-Director:**

Dr. Himanshu Sekhar Rout

### **Course Advisors:**

Professor K. K. Basa  
Professor R. K. Bal  
Professor S. K. Tripathy  
Professor Navaneeta Rath

### **Organizing Committee:**

Dr. Mitali Chinara  
Dr. Aparajita Biswal  
Dr. Swayamprva Mishra  
Dr. Atal Bihari Das

statistical tools for different types of data and methods and tools of valid and relevant data collection.

- To train the participants on the use of statistical techniques in data analysis in the field of social sciences.
- To provide hands on training for the use of Excel and SPSS, e-Views & Stata for analysis of different types of data.
- To assist research scholars in understanding the various stages of research process.
- To give each and every participant a practical experience of conducting research and to undergo data analysis on the same to come up with appropriate results.
- Procedure of writing a Research Report and research paper, Publishing Research Paper, Plagiarism and Selecting Journals.

## **Brief Summary of Course Content**

---

1. Types of Research: Historical, Analytical, Interdisciplinary, Evaluative, Participatory and Action Research
2. Research Process: Research Problem and its identification, guidelines and format for writing research proposal
3. Research Design and its types and formulation
4. Sampling: Concept and methods, Determination of sampling size
5. Methods of data collection: Survey Research: Questionnaire and schedule preparation and designing methods, participatory and observational research, coding of questions and relevance of pilot testing of questionnaire, measurement and scaling techniques
6. Nature of data: Qualitative- Nominal and Ordinal and quantitative- Time series, cross-sectional and panel data; meaning and choice of statistical tools
7. Hypothesis: Meaning, formulation, testing of hypothesis, understanding various concepts for clarifying hypothesis testing
8. Measures of central tendency, Dispersion, Skewness, Kurtosis; Correlation and regression analysis; Parametric and Non-Parametric tests
9. Guidelines for Report writing, ethical issues in research and plagiarism, literature review, and how to write research based book or paper
10. SPSS usage in research: Hands on experience of its usage, data and variable entry, how to apply various statistical tests and how to interpret the tests results

## Pedagogy of the Course:

1. Lecture Method
2. Field-based /  
Secondary data  
based Micro-level  
study
3. Hands-on  
experience of SPSS,  
e-Views & Stata

## Resource Persons:

The resource persons from different parts of country representing the premier institutions will deliver the expertise in the training Course.

## Venue of the Course:

Gallery 'C', New Arts Block,  
Department of A&A Economics, Utkal  
University, Vani Vihar, Bhubaneswar

## Eligibility

---

All SC/ST students registered for PhD in any recognized Indian university/research institute from any branch of Social Sciences may send their application for this training Course. The candidates should have basic knowledge of statistics and computer application.

## Intake

---

The maximum intake for the Course shall be 30 seats (20 for out station and 10 for local). Those who have attended any such type of program during the last one year should not apply. Leave is not allowed during the training period. The participants shall be selected for the Course on the basis of their write-up in 1000 words and CV. The participants are requested to bring their Laptops to get hands-on experience on the statistical software in the Course.

## Application Procedure

---

Interested candidates may apply to Course Director along with **duly filled registration form and a write-up on their PhD/research area in 1000 words on or before 21 October 2017**. Registration form is enclosed with the brochure. Registration form can also be downloaded from the university website [www.utkaluniversity.ac.in](http://www.utkaluniversity.ac.in). The candidates are required to send the registration form to Course Director both in hard and soft copies duly forwarded by their PhD supervisor/Head of the Department with following enclosures:

1. Duly filled in prescribed Registration Form
2. A write-up in on your PhD / research area in 1000 words
3. Brief CV of the applicant
4. PhD registration/supportive documents
5. Caste certificate (SC/ST) issued by competent authority.

## Registration Fee, TA and Accommodation

---

There is no registration fee for the Course. Boarding and lodging are also free for the participants. Accommodation to out station participants will be provided on sharing basis. Travelling allowances (TA) is payable only for sleeper class/ Normal Bus fare as per University rules. Original tickets should be presented by the participants to claim TA.

## About the University

---

### CONTACT DETAILS:

**Dr. Alok Ranjan Behera**

Department of A&A Economics

Utkal University, Vani Vihar

Bhubaneswar – 751 004

Odisha, India

E-mail: [arbehera@utkaluniversity.ac.in](mailto:arbehera@utkaluniversity.ac.in)

Mobile: + 91 94391 96280 /

+91 88953 89346

Utkal University (NAAC 'A+' accredited), Bhubaneswar is the 17<sup>th</sup> oldest University of India and the Mother University of the state of Odisha. Being established in 1943, it caters to the learning needs of about 1.5 crore people belonging to nine districts of the state. It is a teaching-cum-research university offering 27 full-fledged regular Post-Graduate Departments and 17 Self Financing programs within the campus. And department of Analytical and Applied Economics is one of the most active department of the university. The department of Analytical and Applied Economics emerged in the name of Department of Rural Economics and Sociology in the year 1956 with an initial grant from the Ford Foundation. The Post Graduate teaching in Analytical and Applied Economics was introduced in the department in 1963 for which the name was changed to the Department of Analytical and Applied Economics later on.



**ICSSR SPONSORED RESEARCH METHODOLOGY COURSE  
FOR SC/ST PHD SCHOLARS OF SOCIAL SCIENCES**  
**Organized by**  
**DEPARTMENT OF ANALYTICAL & APPLIED ECONOMICS**  
Utkal University, Vani Vihar, Bhubaneswar, Odisha-751004



## REGISTRATION FORM

1.	Program	<b>ICSSR sponsored Research Methodology Course for SC/ST PhD Scholars of Social Sciences</b>
2.	Duration of the Course	20-30 November 2017
3.	Name	
4.	Category (SC/ST)	
5.	Specify your Master degree subject	
6.	PhD Registration Number with date	
7.	Title of your PhD Topic	
8.	University/College	
9.	Address for Communication with <b>E-mail Id &amp; Mobile Number</b>	
10.	Have you attended any research methodology course earlier (Specify the date)	
11.	Write-up on your PhD work in 1000 words attached ( <b>Yes / No</b> )	
12.	Accommodation needed ( <b>Yes / No</b> )	
13.	Caste certificate attached ( <b>Yes / No</b> )	
14.	Any Other relevant Information which will help us for the selection of your candidature	

The above information filled by me is true to the best of my knowledge and belief.

**Signature of Participant**

**Signature of HOD/Supervisor**

Please mail duly completed form with all documents to

**DR. ALOK RANJAN BEHERA**

Assistant Professor & Course Director

Department of A & A Economics, Utkal University

Vani Vihar, Bhubaneswar, Odisha-754004

Mobile: +919439196280; E-mail: arbehera@utkaluniversity.ac.in