

## SHORT TERM COURSES ON

### ***Research Methodologies in Management and Social Sciences***

**Date:** 12 -15 Dec 2010

**Venue:** IIT Kharagpur, Kolkata Campus  
HC-Block III, Vidhan Nagar (Salt Lake), Kolkata 700106

#### **Organized by**

Department of Humanities and Social Sciences  
Indian Institute of Technology Kharagpur  
Kharagpur-721302 West Bengal, India

**Coordinators:** Asst Professor (Dr.) Rabindra Kumar Pradhan  
Professor (Dr.) Damodar Suar

#### **Introduction:**

Research methodology is one of the important areas in the discipline of management and social sciences. With the growth and development of science and technology, many new methods have emerged to analyze and interpret individual and organizational phenomena, to test crazy propositions and theories to understand human behaviour in organizations. This course is designed to impart both basic and applied knowledge and skills of research methodology with computer applications and data analysis.

**Objective:** The objectives of this course are:

- To train the participants with desired knowledge and skills for conducting research in Management and Social Sciences.
- To familiarize them with the usage and application of Statistical Packages such as SPSS and AMOS. Finally to educate, enrich and update the participants with the latest knowledge and techniques available in the field of Management and Social Science research.

**Course Content:** Introduction to research methodology; Designs of Research; Review of Literature; Test of Hypothesis; Sampling Techniques; Methods of data collection; Scaling Techniques; Descriptive Statistics (Mean, SD, t-test, ANOVA, MANOVA); Bivariate and Multivariate Statistics (Correlation and Regression); Factor Analysis; Cluster Analysis; Discriminant Analysis; Structural Equation Modeling; Panel Data Analysis; Non-parametric Statistics; Use of Software Packages – SPSS; Report writing.

**Pedagogy:** Lecture, Discussion, Case study, Demonstration, Hand-on experience in Computers.

**Target Participant:** Executives at all levels from Industry; Teachers, Students, and Research Scholars from Academics; Executives from NGO's, Govt. and Semi-Govt. organizations; Data analysts; Professionals and Private practitioners having interest in Research and Development activities.

**Educational Qualification:** Minimum Graduation

**Faculty:** Expert Faculty from IIT Kharagpur, and reputed institutes and industry.

**Certification:** Each participant will receive Certificate from IIT Kharagpur duly signed by the Dean, Continuing Education, IIT Kharagpur and the Coordinators of the Course.

**Course Fee:** Rs. 6,500/- (Non Residential), Rs. 10,500/- (Residential)

**How to Apply:** Eligible and interested candidates may apply their candidature to the Principal Coordinator on the following address by filling the Application Form accompanied by a Demand Draft of the Course Fee made in favor of '**CEP-STC, IIT KHARAGPUR**', payable at Kharagpur.

**IMPORTANT DATES:**

**Last date for receiving of Application Form:** 5<sup>st</sup> December, 2010

**Confirmation of participation to the course:** 6<sup>th</sup> December, 2010.

**Course date:** 12-15 December, 2010.

*\*\*\* Change of nominations (participants' names in the approved candidature form) is allowed for Industry/Organizational members.*

**Mailing Address:**

Dr. Rabindra Kumar Pradhan

Principal Coordinator – STC on Research Methodologies in Management and Social Sciences

Dept. of Humanities and Social Sciences

Indian Institute of Technology

Kharagpur – 721302, West Bengal, India.

Ph: +91-3222-282346(0), 282347(R)

Fax: +91-3222-282280/255303

Mob: +91 -94347 03900

Email: rkpradhan@hss.iitkgp.ernet.in; rabi\_pradhan@yahoo.co.uk

Website: www.iitkgp.ernet.in

## About the Coordinators

**Dr. Rabindra Kr. Pradhan** is Assistant Professor of Psychology in the Dept of Humanities and Social Sciences, IIT Kharagpur. His areas of specialization are Social and Organizational Psychology, Organizational Behaviour and Human Resources. He has more than more than 12 years of experience in the field of training, teaching and research in the above fields. He has trained more than 500 hundred defence personnel, scientists, managers and academicians in the field of OB, HR and organizational psychology. Dr. Pradhan is a member of various professional organizations such as Indian Society for Training and Development, NAOP, IAAP, ISC and also International Association of Applied Psychology. He has more 20 publications in referred journals and books. His book on "Emotional Intelligence" has received wide publicity from various corners.

**Dr. Damodar Suar** is Professor of Psychology in the Dept of Humanities and Social Sciences, IIT Kharagpur. His areas of specialization are Social and Organizational Psychology, Organizational Behaviour and Human Resources. He has more than 20 years of experience in the field of training, teaching and research in the above fields. Dr. Suar is a member of various professional organizations such as Indian Society for Training and Development, NAOP, and also International Association for Psychological Sciences. He has more 50 publications in referred journals and books He has trained professionals in the field of OB and HR. His book on "Management through Interpersonal Relations" has received wide publicity from academics.

Application Form  
SHORT TERM COURSE ON  
**Research Methodologies in Management and Social Sciences**  
(12 – 15, Dec 2010)  
Indian Institute of Technology Kharagpur

1. Name: \_\_\_\_\_
2. Designation: \_\_\_\_\_
3. Name of the Institution/Organization: \_\_\_\_\_
4. Address for Communication: \_\_\_\_\_
5. Highest Academic Qualification: \_\_\_\_\_
6. Phone No: \_\_\_\_\_(O)\_\_\_\_\_ (R)
7. Mobile No: \_\_\_\_\_
8. Fax No: \_\_\_\_\_
9. Email: \_\_\_\_\_
10. Details about the Demand Draft: Bank name, Draft number & Date, Amount (In Rupees) \_\_\_\_\_

Date:

Signature of the Applicant

**Approval for Candidates/Sponsorship**

We approve the above applicant as a candidate/sponsor the above applicant for the short-term course on “Research Methodologies in Management and Social Sciences (12 – 15, Dec 2010)” .

Date:

Signature and seal of  
Approving/Sponsoring Authority