



School of Management  
National Institute of Technology Rourkela, Odisha  
Organizes Ten Days



**Research Methodology Course in Social Sciences (RMCSS-2018)**  
For M.Phil, Ph.D and Post Doc Scholars  
(29<sup>th</sup> October -07<sup>th</sup> November, 2018)

Sponsored by:  
**Indian Council of Social Science Research (ICSSR), New Delhi**

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**Program Outline:**

Social science research is characterized by a diversity of theoretical perspectives, methodological strategies, data collection practices and analysis techniques. With the passage of time the methodological approaches in Social science research has come up with new additions. This has made it necessary to provide training and orientation on a continuing basis to researchers to equip them with advanced methodological skills. It has been observed that many researchers could not produce research works of high quality because they are either not in touch with the latest research tools and techniques or do not have proper orientation to use the traditional research methods efficiently. The problem has further been aggravated by lack of opportunities for the social researchers to refine their methodological skills and to get insight in fresh areas of research in their respective fields. On the other hand the rapid advancement of knowledge in all disciplines of social sciences has made research an activity of solving problems, which adds new dimensions and generalizations on the basis of gathered empirical evidences. Recognizing this need, School of Management is organizing a ten days Training Course on Research Methodology in Social Sciences for research scholars. This course will attempt to improve and upgrade the research abilities of students and try to solve the issues and concerns faced by students by bringing together the eminent social science experts, faculty members and panel of speakers from top universities/ institutes to share their expertise, views and discuss the theories and practices related to the present education demands in social science research. The young researchers also need to be encouraged to take up research at various levels, which will contribute to policy making and decision-making in various organizations concerned with inclusive development.

**Program Objectives:**

This research program provides the advanced theoretical and practical knowledge by field visit exposure and use of different statistical package to all three stage of research students such as planned to pursue the doctoral research program, those who are at the stage of their data analysis and field work; and final stage of their thesis writing. Specifically, the objectives of this program are:

- To provide input to students who are in the planning stage of their doctoral research.
- To provide support and guidance towards developing a theoretical and methodological framework of their research, conceptualization and framing research questions, etc.
- To provide input to students who are currently in the middle of fieldwork/data collection.
- The inputs would be in terms of suggesting ways out of methodological or analytical bottlenecks.
- To provide input to students who have finished field work and are in the process of writing.

### **Thematic Areas:**

- Research: Conceptual Framework
- Research Process and Sampling
- Hypotheses, Methods and Tools of Data Collection
- Research Designs
- Statistical Analysis through SPSS and AMOS (Descriptive statistics, Reliability & Validity, Correlation, Exploratory Factor Analysis, Regression Analysis, Analysis of variance, Structural Equation Modelling, etc.)
- Data Envelopment Analysis
- Fuzzy Decision Making
- Prioritization Technique for Multicriteria Decision Making
- Data Mining Techniques
- Case Research

### **Pedagogy:**

Combination of expert lecture, laboratory and hands on training sessions of qualitative methods of research as well as quantitative techniques through software's like SPSS, E-Views, and STATA, etc.

### **For Whom**

The programme is designed for students who are currently pursuing their M. Phil/Ph.D./Post Doc in different branches of social sciences/management disciplines in UGC recognised University/College/Institution and engaged in Social Science research.

### **Participants:**

A maximum of 30 participants of the broad disciplines within the domain of social sciences (Sociology, Anthropology, Social Work, Political Science, Public Administration, Economics, Population Studies, Commerce and Management, Psychology, etc.) from all categories (General, OBC, SC, ST) particularly from the neighboring states of Odisha (West Bengal, Jharkhand, North-Eastern States, and Chhattisgarh), students of Odisha and other states of India will be allowed to attend this research methodology course.

### **Benefits:**

The workshop is to enable the participants to learn the important tools and methods of social science research. *The training for the invited participants will be free of cost without any registration fee. Participants will also be reimbursed travel expenses and will be provided with boarding and lodging facility as per the ICSSR norms.* A certificate of participation will be provided on successful completion of the training programme.

### **Resource persons:**

Eminent and accomplished scholars drawn from reputed Institutions/Universities will deliver lectures followed by interactive sessions on the subjects.

### **Venue:**

School of Management, National Institute of Technology (NIT) Rourkela, Sundergarh, Odisha, Pin-769008, India.

### **About the Institute:**

National Institute of Technology (NIT) Rourkela is a centrally funded premier institute of higher learning for engineering, science and technology located in the steel city of Rourkela, Odisha. It is one of the 31 NITs in India and has been recognized as an Institute of National Importance by the National Institutes of Technology Act, 2007. As per Times Higher Education (THE) ranking of the World's best Universities 2017, NIT Rourkela is listed in top 800 institutes of world, and it is the only NIT to feature in the list. According to the NIRF ranking, NIT Rourkela stands at 12th position among all the National Technical Institutes. The institute spreads over 262 hectares of lush green picturesque landscape. Founded on 15 of August 1961, as Regional Engineering College, the National Institute of Technology (NIT), Rourkela is having 21 academic departments producing under graduates, postgraduates and PhDs degrees in Engineering, Science, Planning and Architecture, Management, and Humanities. NIT Rourkela is one of the prestigious institutes in the country. NIT Rourkela is presently ranked the 2nd best NIT and 12th nationwide (including IITs) by the MHRD. The well-maintained green campus of the Institute provides 100 percent accommodation to students, faculties and staff. The campus has all the amenities for developing personal, social and academic skills of young people.

### **About School of Management:**

School of Management (SM), NIT Rourkela was founded in the year 2010 as a public business school, located in the campus of NIT Rourkela. The department emerged with academic programme of Masters in Business Administration (MBA). Later in the year 2011 PhD programme was started in accordance with Ministry of Human Resource Development (India). In addition to its main academic programmes, is also engaged in research, consultancy, seminars, academic conferences and research publications. The department attracts highly qualified faculties and bright students from the entire nation. The diversified expertise of the faculties has provided the department a global acceptance. The graduates from the department are well-placed in esteemed industries and institutions.

### **Important Dates**

Last date for receiving the application: **15<sup>th</sup> October 2018**

Confirmation to participants about their Participation: **17<sup>th</sup> October 2018**

Participants have to confirm about their participation: **19<sup>th</sup> October 2018**

Programme Duration: **29<sup>th</sup> October -07<sup>th</sup> November 2018**

### **How to apply:**

Interested applicants need to apply in the prescribed enclosed format which must be duly endorsed by the Supervisor or Head of the Department/Institution. Duly filled applications with a recent passport size photo should be sent to:

*Dr. Rajeev Kumar Panda, Course Director, Associate Professor, School of Management, National Institute of Technology (NIT), Rourkela, Odisha, Pin-769008, India.*

However, the scanned copy of the application may also be sent through email ([rmcss2018@gmail.com](mailto:rmcss2018@gmail.com)) to the Course Director as an advance copy. Nevertheless, the candidate will be considered for final short listing only after receiving the hard copy of the application within stipulated time period through speed post only. Applications received after the stipulated last date will not be considered. Participants will get an email confirmation about their participation.

### **How to Reach NIT Rourkela:**

The Institute is very close to Howrah – Mumbai main line of South Eastern Railway and well connected by a railway service network with the rest of India and also by inter and intra state bus services. It is about 3 hours journey from Ranchi and five hours from Raipur. Rourkela railway station is approximately 6 kms away from NIT Campus.

### **Contact Addresses:**

Course Director:

Dr. Rajeev Kumar Panda

Associate Professor

School of Management

National Institute of Technology Rourkela

Rourkela- 769008, Sundergarh, Odisha.

Contact Nos. (0661) 2462804 (O), 7205892883 (M)

Email: [rmcss2018@gmail.com](mailto:rmcss2018@gmail.com)

Course Co Director:

Dr. Chandan Kumar Sahoo

Associate Professor

School of Management

National Institute of Technology Rourkela

Rourkela- 769008, Sundergarh, Odisha.



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**REGISTRATION FORM**

(The last date for submission of the Registration Form is 15<sup>th</sup> October 2018)

1. Name: \_\_\_\_\_
2. Research Scholar: M. Phil./Ph. D./Post Doc: \_\_\_\_\_
3. Mailing Address: \_\_\_\_\_  
\_\_\_\_\_
- Mobile No: \_\_\_\_\_
- E-mail: \_\_\_\_\_
4. College/Institution/University: \_\_\_\_\_
5. Accommodation required: Yes / No (Twin-Sharing Basis) \_\_\_\_\_

Date: \_\_\_\_\_ (Signature of the Participant)

**Forwarding Authority**

Name:

Designation:

Organization:

Signature of Supervisor/Head of Department:

(Date & Seal)

*N.B: Email the advance scanned copy of this form to [rmcss2018@gmail.com](mailto:rmcss2018@gmail.com)*