

About IIT Kharagpur



Kharagpur - a dusty town tucked away in the eastern corner of India, famous until 1950 as home to the longest railway platform in the world - became the nursery where the seed of the IIT system was planted in 1951. IIT Kharagpur started its journey in the old Hijli Detention Camp in Eastern India, where some of the country's great freedom fighters toiled and sacrificed their lives for India's independence. Spurred by the success of IIT Kharagpur, four younger IITs sprouted around the country in the two following decades, and from these five came thousands of IITians, the brand ambassadors of modern India. It was the success of this one institution at Kharagpur that wrote India's technological odyssey.

The Institute takes pride in its relentless effort to provide the best platform for both education as well as research in the areas of science and technology, infrastructure designs, entrepreneurship, law, management, and medical science and technology.

Program Features/ Structure

Classroom lectures – 40%
Assignments- 20%
In-class Activities: 40%

Program Schedule and Venue

1 week, 3– 10 July 2023 (10:00 AM – 2:00 PM)

IIT Kharagpur –
Humanities and Social
Sciences (ONLINE
MODE)

Program Fee

500 for IIT Kharagpur students

For others –

INR 1,000/- Outsider student

INR 1500/- Faculty

INR 1500/- Industry

INR 1000/- IIT Kharagpur non-faculty

Who will benefit (Eligibility)

BA, MA, MPhil, PhD Diploma students in
Sociology/Anthropology/History/Development Studies/Geography/Political Science OR in a MA/Msc/MPhil program (preferable with Sociology/Anthropology/History/Development Studies/Geography/Political Science Hons).

Last day of Registration

2nd

July 2023

Accommodation

The course will run in online mode.
Accommodation is not needed.

How to Apply

Use the link: <https://erp.iitkgp.ac.in/CEP/courses.htm> to apply ONLINE.



Payment if applicable is to be done **ONLINE** after getting short listed for the program.

Short-term self-sponsored course on Formulating research proposal

Indian Institute of Technology Kharagpur
2023

3rd-10th July 2023

Contact us:

Dr. Archana Patnaik
Assistant Professor
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES
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Introduction / Overview

A well formulated research proposal forms the essence of a high-quality research. Formulating research proposal requires skills and techniques that enable researchers to achieve their research objective. Thus, the course will begin with an overview of research methods and end with hands-on training for formulating a research proposal. The course will initially introduce types of research methods and steps in social science research. The techniques of data collection will be discussed understanding the context of the study. Both qualitative and quantitative research methods will be discussed. The course also aims to introduce ethics of research to the participants which arises while conducting research. By the end of the course participants will have a research proposal developed based on their interest.

Program Objectives

The goal of the course is to develop within the participants ability to design and formulate their research plan. It will provide them with skills to use a variety of approaches in doing research. On successful completion of the course, participants will have developed a proposed research project. The target participants of the course include people interested in conducting independent research. The course will be useful for academicians, students, independent researchers as well as individuals associated with Non-Governmental Organisation. It will provide them a holistic understanding of formulating a research project and 'doing research'. After attending the course, participants will be able formulate their own research proposals and design their research.

What you will learn

Program Content

Introduction to research methods: Types, steps, designing a research question, choosing a research topic

Techniques of data collection: Determining the right research techniques, types of sampling, choosing the technique relevant to the topic

Why conduct a field research: Field Research and steps involved, observation and collecting data in the field, preparing research proposal

Analysis of data: Developing codes and concepts, Content Analysis, Quantitative data analysis, Survey Research, Conceptualization and measurement techniques, Challenges in interpreting the results

Ethics of research: Data Sharing, research funding and publication

Group discussion on research methods

Presentation by the participants on the research proposals developed

Course coordinator:

Dr Archana Patnaik

Dr. Archana Patnaik is an Assistant Professor of Sociology at the Indian Institute of Technology Kharagpur. Her research interests include community based natural resource management and common studies, law and society, sociology of science and technology, gender, and technology. Recently, she is working on cultural commons, food, and smart cities. In 2010, she was awarded The Netherlands Organisation for Scientific Research (NWO)-WOTRO (Science for Global Development) PhD fellowship to research on seeds as commons.

Course co-coordinator:

Dr Amrita Sen

Dr. Amrita Sen is an Assistant Professor of Sociology at the Indian Institute of Technology Kharagpur. Her research interests include cultural and political ecology, politics of forest conservation, urban environmental conflicts and Anthropocene studies. In 2019, Amrita received the 'Excellence in PhD Thesis award ' from Indian Institute of Technology Bombay, for her doctoral research on the conservation politics in Sundarbans. Recently, she has been awarded a Junior Core Fellowship by the Central European University, Budapest, to work on environmental social science issues.