

FIVE-DAY SHORT TERM COURSE

on

Research Roadmap: Navigating Methodological Excellence

(26th September to 30th September, 2024)

Organized By



Department of Humanities and Social
Sciences
&
Department of Civil Engineering

National Institute of Technology,
Uttarakhand
Srinagar Garhwal- 246174
(Uttarakhand), Bharat

ABOUT NIT, UTTARAKHAND

National Institute of Technology, Uttarakhand is located in the hilly terrain of Srinagar Garhwal, Pauri Uttarakhand. NIT, Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of “Institute of National Importance”.

ABOUT DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

With a persistent commitment towards value oriented education, the Department of Humanities and Social Sciences came into existence in June 2019. Striving to reach the higher goals of global standards as a part of department of Sciences and Humanities since 2010, the department facilitates multifarious and value added learning to B. Tech, M. Tech. and PhD students. Catering to the academic and extra-curricular needs of the students, the department offers various courses in Communication English, Social Sciences, Literature and Cinema, Screenwriting and Creative Writing which strengthen the professional and personal growth of students. The department strives to create learning environment that is inclusive and diverse and promotes better learning experience and outcome. The department conducts workshops, seminars, conferences to give extra edge to professional growth of students from time to time. It also organizes expert lectures inviting eminent experts from IITs, NITs and Central Universities.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

Department of Civil Engineering, NIT Uttarakhand was established in 2013 with an intake of 60 students. Taking advantage of its geographical location, the institute plans to build a systematic and sustainable model for hills development and rehabilitation. The department offers a four-year course leading to a bachelor’s degree in Civil Engineering. Department of Civil Engineering has an advanced academic structure with core courses and a variety of elective courses so that the student's knowledge is not only enhanced in core discipline but also in the related disciplines. The department also offers postgraduate courses in Structural Engineering, Transportation Engineering, and Geotechnical Engineering along with a Ph.D. degree program in all the specializations of Civil Engineering. Department has set up various lab facilities to provide students better learning environment. Also continuously organized industrial tours and department seminars make studying at the department of refreshing phase. Department also aims to offer better industrial and commercial solutions to technical organizations by means of testing and consultancy.

WHO CAN ATTEND

This programme is open to faculty members, scientist, research scholars, PG& UG students and industrial professionals.

AIM OF THE STC

The aim of the STC is to provide in-depth knowledge of research fundamentals to various academicians.

OBJECTIVES OF STC

- To develop a comprehensive understanding of Research Fundamentals.
- To cultivate ethical awareness and practices in research.
- To equip students with skills to identify and prevent plagiarism.
- To introduce qualitative and quantitative research methods, data collection, and analysis tools.
- To familiarize students with sampling methods and intellectual property rights relevant to academic research.

TOPICE TO BE COVERED

- Introduction to fundamentals of Research
- Ethics and Plagiarism
- Academic Writing and Literature Review
- Research Methods and Sampling
- Data Analysis and Intellectual Property Rights

COURSE DESCRIPTION

In the dynamic landscape of academic inquiry, mastering research methodologies is paramount for impactful contributions. This interdisciplinary workshop is designed to bridge disciplinary gaps, offering scholars a unique opportunity to delve into advanced research designs, data collection techniques, and analytical strategies tailored to their specific domains. Through collaborative learning, hands-on exercises, and discussions on ethical considerations, this workshop aims to empower scholars with the methodological prowess needed to navigate the complexities of their fields.

RESOURCE PERSONS

Esteemed speakers from renowned institutions such as IITs (Indian Institutes of

Technology), NITs (National Institutes of Technology), CFTIs (Centrally Funded Technical Institutions), and distinguished professionals from the industry will deliver talks during the STC.

PATRON

Prof. B.V. Ramana Reddy, Incharge Director, NITUK

CONVENER(S)

Dr. Renu Bhadola Dangwal, Assist. Prof., Dept. of HSS, NIT-UK

Dr. Minakshi Rana, Assist. Prof., Dept. of HSS, NIT-UK

COORDINATOR(S)

Dr. Abhinav Kumar, Assist. Prof., Dept. of Civil Eng., NIT-UK

Dr. Akhilesh Nautiyal, Assist. Prof., Dept. of Civil Eng., NIT-UK

ADDRESS FOR CORRESPONDENCE

Interested persons should send the nomination on the google form by the applicant along with the course fee. For any queries may contact following resource persons:

Dr. Minakshi Rana
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Dr. Akhilesh Nautiyal
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REGISTRATION FEE

A registration form (google form) should be sent to minakshi.rana@nituk.ac.in or akhilesh.nautiyal@nituk.ac.in on or before **25 September, 2024.**

The google form link is <https://forms.gle/WsscJUb69Hd2N1eq7>

The payment to be made online by RTGS to the NIT Uttarakhand Bank Account. Details are as follows:

A/C Name: SBI General Account
Bank Name: SBI, Srinagar-Garhwal
A/c No.: 37530603682
IFSC Code: SBIN0003181



Merchant Name : NITUK SBI GENERAL AC

UPI ID : techninstrinagar3@sbi



Note: The registration fee for the course is INR 200 for industry professionals, faculty, research scholars. No fee for the participants of NIT Uttarakhand.

REGISTRATION PROCESS FOR PARTICIPANTS

Single registration to attend all lectures. Prior registration is mandatory to attend STC. E-certificate will be issued to the participants on successful participation of the course.