



Davangere University



Karnataka State Council for Science
and Technology (KSCST)

Capacity Building Workshop

on

SAMSHODHANA SETU (BRIDGE TO RESEARCH EXCELLENCE):

*A Five -Day Capacity Building Programme on Research Methodology
and Publication Ethics for SC/ST Ph.D. Research Scholars.*

in Collaboration with

Karnataka State Council for Science and Technology (KSCST),
IISc Campus, Bengaluru-560012.

Organized by

Department of Studies in Social Work
Davangere University, Davangere, Shivagangotri-577007

Date:

27.08.2026 to 31.08.2026

Venue:

MBA Auditorium, Davangere University



August, 2026

Preface

In today's research environment, systematic research methodology and ethical practices are essential for producing credible and high-quality research. This capacity-building workshop aims to strengthen Ph.D. scholars' competencies across the research process, from problem formulation, literature review, research design, and data analysis to thesis writing and publication. Through expert lectures, interactive sessions, and hands-on training, the workshop will promote methodological rigour, research integrity, interdisciplinary learning, and the ethical use of emerging tools such as Artificial Intelligence.

About Karnataka State Council for Science and Technology (KSCST)

Established in 1975, the Karnataka State Council for Science and Technology (KSCST) is an autonomous organisation under the Department of Science and Technology, Government of Karnataka, and one of the first State Science and Technology Councils in India. It promotes science and technology-based solutions to address local needs and improve the socio-economic conditions of people across Karnataka. KSCST also supports research, scientific surveys, project implementation, monitoring, policy formulation, and technology transfer in collaboration with academic and research institutions.

Vision

Application of Science and Technology for resource management, environmental improvement, and enhancement of the quality of life and socio-economic conditions of the people of Karnataka.

Mission

To coordinate research and development activities, promote appropriate technologies, address local problems, and strengthen human resources in the Science and Technology sector.

SC/ST Cell - KSCST

The SC/ST Cell of KSCST promotes the socio-economic development of SC/ST communities through Science, Technology and Innovation-based interventions. It focuses on capacity building, skill development, technology demonstration, entrepreneurship, technology transfer, and livelihood development in areas such as health, education, and sustainable livelihoods. The Cell collaborates with government departments, educational institutions, NGOs, and other stakeholders to strengthen opportunities and improve the quality of life of SC/ST communities across Karnataka.

Davangere University

Established on 18th August 2009 at Shivagangotri, Davangere University has jurisdiction over Davangere and Chitradurga districts. The University promotes access, equity, quality, and holistic development in higher education and has a network of 124 affiliated colleges. Its main campus hosts 28 postgraduate departments offering 30 postgraduate programmes.

Department of Studies in Social Work

Established in 2006, the Department offers MSW and Ph.D. programmes and promotes academic and professional development through fieldwork, training, community engagement, and research. Experienced faculty members supervise doctoral scholars and contribute to quality research, publications, funded projects, and interdisciplinary collaboration.

Objectives of the Workshop

The primary objectives of the workshop are:

- Develop a systematic understanding of the research process, from problem formulation to thesis writing.
- Strengthen skills in literature review, research questions, hypotheses, and research design.
- Train participants in appropriate sampling techniques and sample size determination.
- Create awareness of research ethics, scientific integrity, and responsible research conduct.
- Familiarise scholars with current UGC norms on ethical use of Artificial Intelligence (AI) and plagiarism prevention.
- Provide hands-on exposure to reference management software and citation management.
- Build proficiency in SPSS, NVivo, and other tools for quantitative and qualitative data analysis.
- Enable scholars to produce methodologically sound, ethically compliant theses and research publications.

Major Themes Covered during the Workshop

- Research and its Steps-Problem Formulation and Research Design
- Literature Review, Research Questions and Hypotheses
- Selection of Sampling Technique and Sample Size Determination
- Data Processing, Analysis and Report Writing

- Philosophy and Ethics in Research
- Scientific Conduct and Research Integrity
- Artificial Intelligence (AI) in Research: Applications, Ethics and Current UGC Norms, Intellectual Property Rights.
- Reference Management Tools
- Statistical Tools for Data Analysis (SPSS, NVivo, etc.)
- Writing Effective Research Papers/ Chapters in Edited Book
- Research Databases and Citation Metrics

Training Methodology

The five-day workshop adopts a multidisciplinary and practice-oriented approach. Sessions will combine:

- Expert lectures and interactive sessions
- Case studies and group discussions
- Hands-on training with SPSS, NVivo, and reference management software
- Demonstrations of AI tools and research databases
- Practical exercises on sampling design, plagiarism detection, and citation management.

Expected Outcomes

By the end of the workshop, participants will be able to:

- **Strengthen Research Skills** – Formulate research problems, questions, hypotheses, and appropriate research designs.
- **Master Research Methods** – Apply suitable sampling techniques, sample-size determination, and data-analysis methods.
- **Enhance Research Ethics** – Follow research integrity, ethical practices, plagiarism prevention, and current UGC guidelines on AI.
- **Use Research Tools** – Gain practical skills in SPSS, NVivo, reference management tools, research databases, and citation indices.
- **Improve Academic Writing** – Develop well-structured, methodologically sound Ph.D. theses and high-quality research manuscripts.
- **Promote Research Excellence** – Build confidence to undertake rigorous, ethical, and impactful research from proposal to publication.
- **Certificate:** Upon successful completion of the workshop, participants will be awarded a **Certificate of Participation**.

Participation Note:

Participation in the five-day Research Methodology and Publication Ethics is limited to **30** PhD scholars from various discipline in accordance with the guidelines prescribed by Davangere University and the Karnataka State Council for Science and Technology (KSCST). (*Preference will be given to SC/ST candidates*).

A. Eligibility and Application Procedure

- Ph.D. scholars from the disciplines of *Arts, Science, Education, Commerce, and Management* are eligible to apply for the workshop.
- Submit the prescribed **Google Form** on or before **18 August 2026**.
- Shortlisted candidates will be notified on **20 August 2026** via email or telephone.

B. Selection Criteria

- 15–20 seats are reserved for Ph.D. research scholars from other universities across Karnataka.
- Selection will be based on eligibility and the relevance of the research topic.

C. Registration Fee

A registration fee of Rs.1,000/- shall be paid by each selected participant after confirmation of selection.

Account Name	: Chairman, DoS in Social Work, Davangere University
Account Number	: 64015993563
IFSC Code	: SBIN0040869
Bank	: State Bank of India
Branch	: Davangere University Campus, Shivangotri
MICR Code	: 577002025

D. Food, Accommodation and Travel Allowance

- Breakfast, lunch, dinner and refreshments will be provided to all the participants.
- Moderate accommodation will be provided in the University campus on a sharing basis to the outstation participants only.
- *No Travel allowance provided to the participants.*

Important Note

- The selection of the participants will be done as per the Davangere University/KSCST guidelines.
- No leave is permissible during the course duration.
- Selected participants must bring their personal laptop.

Important Dates

Last date of registration	: 18 August 2026
Intimation to selected candidates	: 20 August 2026
Workshop dates	: 27–31 August 2026

How to Reach Davangere University

Davangere University is located on the Shivagangotri Campus at Tholahunse, approximately 10–12 km from Davangere City, Karnataka. The campus is situated off NH-4 (Pune–Bengaluru Highway) via SH-76 and is accessible by road. It is also near Tholahunse Railway Station towards Santebennur. From Davangere City, participants may take City Bus No. 101, a local taxi, or an auto-rickshaw to reach the University campus. For assistance with transportation, contact **Dr. Patwardhan Rathod, Transportation Supervisor: 8073767894.**

Organizing Committee

Dr. Shivalingappa B P <i>Professor & Chairman- Convener</i>	9886141887
Dr. Lokesh M U <i>Professor & Dean, Faculty of Arts-Advisor</i>	9945502607
Mr. Gangadharappa R <i>Project Engineer, SC/ST Cell &RWH Cell Coordinator, KSCST, IISc Campus, Bengaluru.</i>	9980262083
Dr. Pradeep B S <i>Professor-Member, Organising Team</i>	7338584639
Dr. Patwardhan Rathod <i>Assistant Professor-Member, Organising Team</i>	8073767894
Dr. Thippesh K <i>Assistant Professor-Org. Secretary/Workshop Coordinator</i>	9880452671

Registration

Register here: <https://forms.gle/kWb9kJ7CZRripGpw8>



Scan the QR code using Google Lens or use the link above to register for the Samshodhana Setu Workshop.

Email ID: duswphdworkshop@gmail.com

For assistance, please contact the Workshop Organising Team.