



Two Week Research Methodology Training Programme  
for Faculty Development (Online)  
During 7<sup>th</sup> to 18<sup>th</sup> June 2021

**Chief Patron**

**Prof. Rama Shanker Dubey**  
Hon'ble Vice-Chancellor  
Central University of Gujarat

**Patron**

**Prof. Sarita Agrawal**  
Dean,  
School of Social Sciences

**Convener**

**Prof. Jaya Prakash Pradhan**  
Chairperson,  
Centre for Studies in Economics & Planning

**Co-convener**

**Dr. Kshamanidhi Adabar**  
Centre for Studies in Economics & Planning

**Organized by:**

Centre for Studies in Economics & Planning,  
School of Social Sciences,  
Central University of Gujarat, Gandhinagar.  
[www.cug.ac.in](http://www.cug.ac.in)

**About the University:** Established in 2009 by Parliament of India through the Central Universities Act (2009), Central University of Gujarat (CUG)'s main objectives are dissemination and advancement of knowledge creation and sharing. In the survey by Outlook for 2020, the University ranked 18<sup>th</sup> position among all Central Universities of India. The University offers its various programmes across various disciplines through 11 School of Studies and 1 Special Centre. With 670 research papers published in international journals and 14 patents, out of which 2 patents are commercialized and available in the market as instruments, the University has made noted contribution to the field of knowledge creation and dissemination.

**About the Centre for Studies in Economics & Planning:** CSEP under the School of Social Sciences is offering M.Phil./Ph.D. programmes in Economics since 2010-11 and MA in Economics since 2015-16. The main objective of the CSEP is to impart quality education in different branches of economics and promote theoretical and empirical research on emerging socio-economic issues that are faced at regional, national and global levels. The syllabus of the Centre is innovatively designed to enhance students' learning in theoretical, analytical and empirical knowledge to better understand behaviours of economic agents like individuals, households, firms and economies and their connection to the general well-being of the country. The Centre comprehensively focuses on the areas of regional economic growth and human development, economics of education, informal sector, employment and wages, public finance and policies, health, international business, and industry studies.

**About the Programme:** Research is the core strength of any higher education institution that aims at creation and dissemination of knowledge for social and national welfare. No wonder that nurturing and promoting quality research of global standards has been a key challenge before such HEIs in India. In this context, training in Research Methodology plays a very important role in improving quality of Research by both existing researchers and the beginners. It imparts the necessary research skills, knowledge and methodological understanding that enable the researchers to develop the most appropriate methodology for their research work. Apart from enhancing researcher's understanding of appropriate tools, it orients the participants about techniques for data collection, management of collected data, its analysis and presentation of final output in proper form.

This One Week Research Methodology Programme for Faculty Development will be conducted by the Centre for Studies in Economics & Planning, Central University of Gujarat in online mode. The training programme is intended for faculty and academic staff in Central and State Universities, Research Institutions, and Government-aided colleges. Maximum number of participants is fixed at 30. Experience and diversity among applicants will guide the selection.

**Eligibility:** Faculty and academic staff in Central and State Universities, Research Institutions, and Government-aided colleges.

**Registration fee:** There is no registration fee.

**How to apply:** Interested persons may apply online for the programme by submitting duly filled registration form along with uploading required documents at: [https://docs.google.com/forms/d/e/1FAIpQLSfOhE8vhCUucUmsZ3-ZAIRRaA5UTkdJfg\\_LmPE-ohWRETy3zg/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSfOhE8vhCUucUmsZ3-ZAIRRaA5UTkdJfg_LmPE-ohWRETy3zg/viewform?usp=pp_url)

The last date of submitting application is 3<sup>rd</sup> June 2021. Shortlisted candidates would be intimated by e-mail by 5<sup>th</sup> June 2021. Selected candidates must confirm their participation in the programme strictly by 6<sup>th</sup> June 2021.

**Certificate of participation:** Certificates shall be issued to those participants who have attended the program with a minimum of 90% attendance.

For more details, you may contact:

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### **OUTLINE OF THE COURSE**

The programme covers both the qualitative and quantitative tools of research and provides operating knowledge of statistical tools. Participants will receive orientation through lectures and discussion with senior social scientists and experts in the field of social sciences and research methodology. Group discussions, open question answer sessions and presentations by participants may also be conducted during the training programme. Several topics including those listed below will be covered:

- Philosophy of social science research
- Research ethics
- Research design
- Review of literature
- Identification of research problem
- Language skills in scientific writings
- Nuances of field research
- Qualitative data analysis
- Parametric and non-parametric tests of hypothesis
- Correlation analysis
- Statistical inference and testing of hypothesis
- Regression analysis
- Factor analysis
- Dummy variable analysis
- Pitching your research: How to write and publish in a scientific journal?