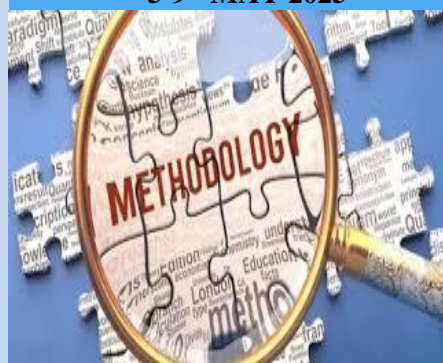


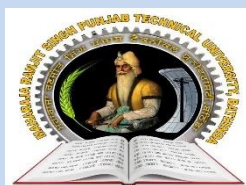


Faculty Development Program on Research Methodology

5-9th MAY 2025



Organized by:



Department of Chemistry
Maharaja Ranjit Singh Punjab Technical
University, Dabwali Road, Bathinda
151 001
In collaboration with NITTTR, Chandigarh

Patron

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Registrar, MRSPTU,
Bathinda

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Incharge, Department of
Chemistry

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Maharaja Ranjit Singh Punjab Technical University, Bathinda

Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda (Erstwhile Maharaja Ranjit Singh State Technical University) is established by Govt. of Punjab Act No. 5 of 2015 notified through Punjab Government Gazette-Extraordinary (Regd.No.CHD/0092/2015-2017) notification No.5-Leg. /2015 dated 12th February 2015 and registered with UGC u/s 2(f) and 12(B). The vision of this new technical University at Bathinda is to contribute towards the state, the nation and the world through advancement for attaining excellence in technical education and research, and to provide quality human resource having high professional and ethical conduct to serve the needs of the industry and society.



Department of Chemistry

The Department of Chemistry was established as an independent department in 2011, when the institute was upgraded as second campus of PTU Kapurthala. Department of Chemistry caters to all the disciplines of B.Tech. for teaching chemistry apart from running M.Sc. and B.Sc. (Hons), B.Sc. (non-med) and integrated B.Sc.-M.Sc. Forensic science courses with an annual intake of 150 students. Currently five students are registered with the department for Ph. D degree. The Department has an expertise in the area of Inorganic Chemistry & Environmental Chemistry, Organometallic Chemistry, Sensors, Medicinal and Organometallic Chemistry, Metal Organic Frameworks and Bioinorganic Chemistry & Supramolecular Chemistry.

About the Program

Research is very important in expanding the knowledge domain, for developing new theories and providing solutions to problems. National Education Policy 2020 also lays lot of emphasis on importance of research in higher educational institutions and the need to undertake and promote research. It has to be ensured that institutes produce research of highest quality which can be appreciated and recognized globally. For this, it is imperative that faculty members of higher educational institutions are given an exposure to systematic and scientific method of conducting research. In this context, this faculty development program on Research Methodology has been planned.

Course Contents

- Concept, Types and Significance of Research
- Defining Research Problem
- Literature Review
- Reference Management Software
- Research Design
- Sampling Techniques, Scales and Scaling
- Data Collection Tools
- Statistical Analysis
- T Test, Chi Square Test
- Correlation and Regression
- Use of PSPP software
- AI in Research
- Research Ethics

Speakers

Speakers are faculties from NITTTR Chandigarh, institutions of high eminence and industry experts

Audience

The faculty members, PG students and Ph.D. scholars from different colleges and universities.

How to Apply

Applicants have to signup, register and apply from the online portal of NITTTR.

<https://fdp.nitttrchd.ac.in/backingup/>

The last date for registration for the program is 04/05/2025

Note: Please send a scan/screenshot of duly filled registration form at chemmeenu@mrsptu.ac.in.

Test and Certificate

- Tests/quizzes will be conducted by the coordinator during the program and at the end of program.
- Certificates will be issued to those participants who have attended the program with minimum 80% attendance, scored minimum 60% marks in the test and submitted feedback form.

Any query regarding program should be addressed to Dr. Meenu

Email-id: chemmeenu@mrsptu.ac.in

Mobile No. 91-9872728259, 9997182264

For any update on program please visit: mrsptu.ac.in regularly