

SHORT TERM COURSE

on

Free ICT Tools for Effective Research

December 05-09, 2022

ORGANIZED BY



Electronics and Communication Engineering Department
NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING
AND RESEARCH, CHANDIGARH (NITTTR)

at



Electronics and Communication Engineering Department

I.K. GUJRAL

Punjab Technical University, Jalandhar
Kapurthala

COURSE CONTENTS

The information and communication technologies (ICT) tools have a large role in changing the traditional teaching learning process and are revolutionizing the way research is undertaken in the technical field. This STC shall focus on using Free ICT Tools for undertaking the research in an effective manner. Demonstrations shall be presented during the STC sessions by the experts from NITTTR Chandigarh and other reputed academic/industrial organizations.

The indicative topics of the STC includes:

- Reference Management tools and report writing tools like Mendeley
- Python Programming
- Data Analysis Tool 'R'
- Scilab Programming
- LaTeX
- VOS Viewer
- Free tools for Graphic Designing and Data Visualization

TARGET AUDIENCE

The programme is open to the Faculty of Engineering and Polytechnic Colleges/ Universities and Research scholars from any technical institute.

HOW TO APPLY:

Interested participant need to register at the following link:

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

THE LAST DATE OF
THE REGISTRATION IS 01-12-2022

STC FEE DETAILS

There is **no registration fee** for the faculty participants from the host institution.

Faculty of other AICTE approved institutions will be charged Rs 118/- including GST. Research scholars (of host and other institutions) will be charged Rs 590 including GST. Boarding and lodging facility will be provided on payment basis subject to availability. No TA/DA/Local Conveyance will be permissible to the STC participants. In case the participant's institute is covered under TEQIP (a Funded Project), the Course Fee @ Rs. 5000/- + 18 % GST per participant will be chargeable.

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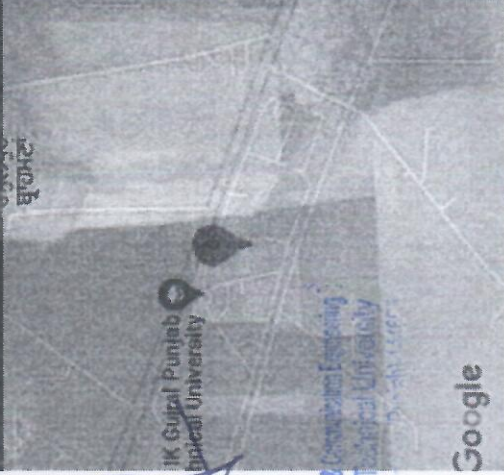


Head

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(Course Coordinator)

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Report on the Conduct of Course

National Institute of Technical Teachers Training and Research, Chandigarh and I K Gujral Punjab Technical University, Kapurthala Jointly organized a five day short term course (STC) on Free ICT Tools for Effective Research from 5-9 Dec, 2022. Course was conducted at IKGPTU Kapurthala .A total of more than 40 participants attended this course and indicative topics of the STC were

- i) Reference Management Tools and Report writing like Mendeley
- ii) Scilab Programming, Python Programming
- iii) Data Analysis Tool R
- iv) Latex
- v) VOS viewer
- vi) Free Tools for Graphic Designing and Data Visualization

This STC was sponsored by NITTTR Chandigarh.


(Course Co Ordinator)

