

Report on Five Day STC on “Free Software and Resources for Technical Education (ICT-175)” Through ICT

(HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh)
21st to 25th March, 2022

The Human Resource Development Centre, Integral University is a remote center of the Ministry of Education, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Being a Remote Centre, a five day Short term Course/FDP through Information and Communication Technology (ICT) on "**Free Software and Resources for Technical Education (ICT-175)**" was jointly organized by Human Resource Development Centre and Department of Computer Science & Engineering, Integral University, Lucknow from **21st to 25th March, 2022** at Hall No. 3, Central auditorium. This program was very unique as our remote centre was very much appreciated by NITTTR, Chandigarh for active participation and interaction.



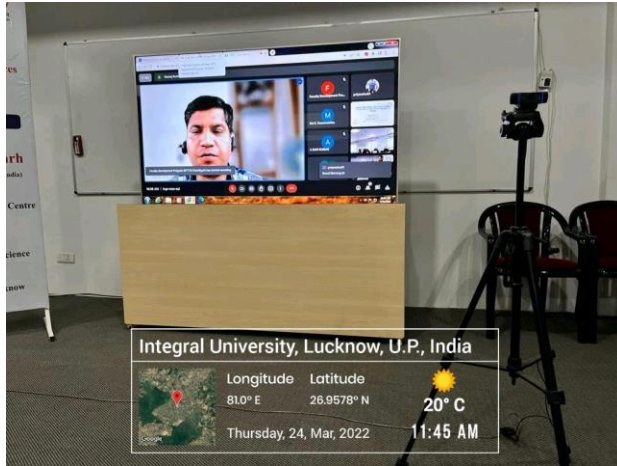
Since 2012, NITTTR started offering training programmes through ICT, to enable the teachers from technical institutions to benefit from these programmes without travelling to NITTTR, Chandigarh. The training programmes through ICT are conducted at NITTTR, Chandigarh by experts in the relevant area and are streamed to remote centers connected to NITTTR, Chandigarh through Google meet. The technical sessions constituted of a wide variety of topics taken by a team of experts viz.:

- i. Free Resources and Software for Technical Education by Amit Doegar – Course Coordinator, Department of CSE, NITTTR, Chandigarh.
- ii. Free Tools for Data Analysis by Er. Sumit Rohilla, Project Associate, CDAC Mohali.

- iii. Free Data Plotting and Visualization Tools by Er. Sumit Rohilla, Project Associate, CDAC Mohali.
- iv. Free System and Application Software by Amit Doegar – Course Coordinator, Department of CSE, NITTTR, Chandigarh
- v. Free Computing and Skill Learning Software by Amit Doegar – Course Coordinator, Department of CSE, NITTTR, Chandigarh
- vi. Free Research Software and Demonstration by Dr. Mohammad Ahsan Chishti, Dean, School of Engineering & Technology, Central University of Kashmir, Kashmir
- vii. Free Automated Machine Learning Tools by Upendra Kumar, Data Scientist, Synergistic Compusoft Pvt. Ltd., Ghaziabad
- viii. Free Technical Writing Tools and Demonstration by Dr. Paramdeep Singh, IISER, Mohali.
- ix. Open source Institutional Repository Software by Dr. Neeraj Kumar Singh, Deputy Librarian, Panjab University, Chandigarh
- x. Free Plagiarism Detection and Reference Management Software by Dr. Neeraj Kumar Singh, Deputy Librarian, Panjab University, Chandigarh
- xi. Free Advance Libraries for Machine Learning and Applications by Dr. Ashok Kumar, Center for System biology & Bioinformatics, Panjab University Chandigarh
- xii. Free Bioinformatics Data Analytic Tools for non-biologists by Dr. Ashok Kumar, Center for System biology & Bioinformatics, Panjab University Chandigarh
- xiii. Free Tools for Artificial Intelligence and Deep Learning by Dr. N Sambyal, Department of CSE, Thapar Institute of Engineering & Technology, (Deemed to be University), Patiala
- xiv. Case Study using Free Software and Online Quiz by Amit Doegar – Course Coordinator, Department of CSE, NITTTR, Chandigarh

Overall **Fifty Three** participants benefited from this workshop. This STC provided the much needed and timely insights on Free Software and Resources for Technical Education. The program was very well coordinated by Dr. Sheeba Parveen from Department of CSE, Dr. Imran Ullah Khan from Department of ECE and Mr. Mohd Arif Ali Usmani from Department of CSE. All the course material is provided by the NITTTR, Chandigarh on the given link <https://filebin.net/s682ygrizkps4fel>.

Glimpse of the Event:





**INTEGRAL
UNIVERSITY**
LUCKNOW (INDIA)



SHORT TERM COURSE ON
**FREE SOFTWARE AND RESOURCES FOR TECHNICAL EDUCATION
(ICT-175)**

Organized by

National Institute of Technical Teachers Training & Research -NITTTR, CHANDIGARH
Ministry of Education, Govt. of India

Conducted by

Human Resource Development Centre (Remote Centre)
Collaboration with Department of Computer science & Engineering
Integral University , Lucknow



9:00 AM to 4:00 PM (IST)
21st to 25th March, 2022

Eligibility

Faculty/Technical staff from universities ,
Engineering Colleges and Polytechnics.

Registration Link

<https://forms.gle/MwSRmSrETJ641QLS9>



Scan the QR
to Register



Convener
Dr. Syed Aqeel Ahmad
Director
Director, Human Resource
Development Centre (HRDC)
Integral University

Co- Convener
Ms. Kavita Agarwal
Head
Computer Science & Engineering
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