



Short Term Course on “Tools for Engineering Research”

(Organized by HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh)

Date: 30th Jan to 3rd Feb 2017

Human Resource Development Centre (HRDC), Integral University, Lucknow is one of the Remote Centre of Ministry of Human Resource Development, Government of India’s National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Being a Remote Centre, a five day Short Term Course (STC) through Information and Communication Technology (ICT) on “**Tools for Engineering Research (ICT43)**” has been organized at HRDC, Integral University from 30th Jan to 3rd Feb 2017. The local coordinator of NITTTR remote centre is Ms. Sheeba Praveen, Assistant Professor, Department of Computer Science & Engineering, Integral University. She and her team worked rigorously for making this course a success under the guidance of Director HRDC.



Apart from faculty members of Integral University, the STC was also attended by faculty members of other Universities, Institutes and Polytechnics in Lucknow like Lucknow University, Babu Banarsi Das University, Shri Ramswaroop Memorial University, Babu Banarsi Das National Institute of Technology & Management, Shri Ram Murti Smarak College of

Engineering & Technology etc. Overall one hundred forty four participants got benefited from this STC.

The technical sessions constituted of a wide variety of topics taken by a team of experts viz.:

1. Concept of Scientific Research and Methods for Conducting Scientific Enquiry by Dr. H. K. Sardana, Chief Scientist, CSIO, Chandigarh.
2. MATLAB/SIMULINK Simulations and its interface with Hardware (D space and Arduino) by Ms. Swati Singh, Assistant Professor, Electronics and Communication Engg. Dept., Meerut Institute of Technology, Meerut.
3. LABVIEW and its Hardware Interface for Engineering Research by Mr. Amandeep Sharma, NITTTR, Chandigarh.
4. Optimization in Engineering Research by Dr. Ranjana Sodhi, Assistant Professor, Dept. of Electrical Engg., IIT, Ropar,
5. Statistics for Engineering Research by Dr. Reji B., Assistant Director, Labour Bureau (Govt. of India).
6. Chandigarh, Latex / Mendeley, for thesis writing by Ms. Preethi Kumari, NITTTR, Chandigarh.
7. Plagiarism checker by Ms. Shimi S.L, Assistant Professor, Electrical Engineering Department, NITTTR, Chandigarh.

Overall the STC provided the much needed and timely insights on various aspects of carrying out research and its implementation.

