

**Report**  
**on**  
**One Week Short Term Course**  
**on**  
**"Affordable Housing in Disaster Prone Areas (ICT-78)"**  
**(HRDC, Integral University, Lucknow, a Remote Centre of NITTTR,**  
**Chandigarh)**  
**2<sup>nd</sup> March – 6<sup>th</sup> March, 2020**

Human Resource Development Centre (HRDC), 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 "Affordable Housing in Disaster Prone Areas (ICT-78)" was organized at HRDC, Integral University held from 2<sup>nd</sup> March – 6<sup>th</sup> March, 2020.

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

- Overview of Disasters and Its Mitigation by Dr. Amit Goyal, professor , NITTTR, Chandigarh
- Construction Practices in Disaster Prone Areas- Issues and Challenges by Dr. Hemant Vinayak, professor, NITTTR, Chandigarh
- Bio-mimicry- A new thought of research by Dr. Amit Goyal, professor , NITTTR, Chandigarh
- Green and Sustainable Construction Practices by Er. Himmi Gupta, professor , NITTTR, Chandigarh
- Building Foundations on Difficult Soils by Dr S. Ganesh kumar , CBRI
- Use of Solar Technologies in affordable houses by Dr Poonam Syal, NITTTR, Chandigarh
- Bamboo Construction Practices in Disaster Prone Areas by Dr Rakesh Bhandari, FRI, Dehradun
- Application of Rebar coupler in RCC members by Dr. Siva Chidambaram, CBRI, Roorkee
- Interlinked Block Masonry Construction-An affordable Housing Technique by Dr. Amit Goyal
- Modern Practices in Mud Construction by Ar. Savneet Kaur, Director ,Imarat Foundation
- Landslide & Protection Measures by Dr S. Sarkar, CBRI
- Fire and its Safety in Buildings by Dr Suvir Singh, CBRI
- USGBC LEED rating on greener, sustainable cities by Ar Ashu, GRIHA, Delhi

Overall nineteen participants benefited from this STC. The program was very well coordinated by Ms. Sheeba Praveen & Ms. Nida Khan (Department of Computer Science & Engineering).

