

## Expert Lectures Delivered

| s. No | Topic   | Place  | Date              |
|-------|---|--|-------------------|
| 1     | Finite Element Concepts                                 | GNDEC, Ludhiana  | 22-26, July, 2013 |
| 2     | Finite Element Modeling Techniques                      | GNDEC, Ludhiana  | 22-26, July, 2013 |
| 3     | Bridges- World's Most Famous, World's Longest           | LPU, Phagwara  | 29, March, 2013   |
| 4     | Urban Sustainability and Infrastructure Development     | GNDEC, Ludhiana  | 15-16, Feb, 2013  |
| 5     | Sustainable Infrastructure                              | Global Institute of Management & Emerging Technologies, Amritsar | 14, Oct, 2016     |
| 6     | Finite Element Concepts                                 | CU, CHD  | 8, July, 2015     |
| 6     | Finite Element Modeling Techniques                      | CU, CHD  | 8, July, 2015     |
| 7     | Finite Element Concepts                                 | GNDEC, Ludhiana  | 31, Oct., 2013    |
| 8     | FEA for waste minimization                              | NITTTR, Chandigarh   | 11, May, 2020     |
| 9     | FEA for waste minimization                              | NITTTR, Chandigarh   | 08, June, 2020    |
| 10    | Application of FEA in Mechanical manufacturing          | NITTTR, Chandigarh   | 28, June, 2020    |
| 11    | Basics of FEM   | NITTTR, Chandigarh   | 14, Aug, 2020     |
| 12    | FEM simulation in 3D engineering and biomedical science | NITTTR, Chandigarh   | 07, Oct., 2020    |
| 13    | BRIDGES-World's Most Famous, World's Longest            | Model Institute of Engineering and Technology Jammu, J&K         | 07, Sept. 2021    |
| 14    | Role of Metrology in Earthquake Seismology              | Thapar Institute of Engineering & Technology, Patiala            | 22, Feb. 2022     |