

# **Course: Principles and Applications of Building Science**

**Course Code:** noc21-me86

**Session:** 2020-21

**Duration:** 8 Weeks

**Assessment procedures:** Weekly Assignment (25%) + proctored certification Exam (75%)

## **Curriculum of the Course:**

**Week 1:** Solar geometry, climate responsive building design, thermal comfort

**Week 2:** Bio climatic design, building envelop, glazing systems, energy efficiency

**Week 3:** Fundamentals of building acoustics, Quality indicators, Acoustic materials, Noise control

**Week 4:** Visual quality in built environment, Effective day lighting design, Integrated design

## **List of students enrolled**

<b>S. No.</b>	<b>Name of Student</b>
1	Harshvardhan Rawat
2	Mitali Saini