

## **Course: Introduction to Fluid Mechanics**

**Course Code:** noc17-me04

**Session:** 2016-17

**Duration:** 12 Weeks

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

**Week 1:** Introduction and Basic Principles

**Week 2:** Properties of Fluids

**Week 3:** Properties of Fluids and Fluid Statics

**Week 4:** Fluid Statics

**Week 5:** Fluid Kinematics (Part I)

**Week 6:** Fluid Kinematics (Part II)

**Week 7:** Dynamics of Inviscid Flows (Part I)

**Week 8:** Dynamics of Inviscid Flows (Part II)

**Week 9:** Integral Forms of Control Volume Conservation Equations (Part I)

**Week 10:** Integral Forms of Control Volume Conservation Equations (Part II)

**Week 11:** Integral Forms of Control Volume Conservation Equations (Part III); Dynamics of Viscous Flows (Part I)

**Week 12:** Dynamics of Viscous Flows (Part II).

### **List of students enrolled**

1	Aanchal
2	Akanksha
3	Shubham Kumar
4	Mitali Bajaj