

## Course: Introduction to Fluid Mechanics

**Course Code:** noc19-me15

**Session:** 2018-19

**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  | Vedang Agarwal          | 18 | Kartik Arora            |
| 2  | Abhay Singh Gurjer      | 19 | Suraj Bhan Singh Gocher |
| 3  | Khooshal Agarwal        | 20 | Harendra Potlia         |
| 4  | Payoj Agrawal           | 21 | Harshit Kumat           |
| 5  | Aman Jain               | 22 | Jitendra Kumar Bairwa   |
| 6  | Akshat Sukhwal          | 23 | Himanshu Nehra          |
| 7  | Akshaykumar Meena       | 24 | Jaisingh chundawat      |
| 8  | Arnav Pareek            | 25 | Jeetu Saini             |
| 9  | Arpit Chechani          | 26 | Kanishk Maheshwari      |
| 10 | Ankit Sharma            | 27 | Karan Sharma            |
| 11 | Avinash Sharma          | 28 | Sharma Kirti            |
| 12 | Bhaarat                 | 29 | Deepak Kumar            |
| 13 | Nikhil Bhan Verma       | 30 | Manan                   |
| 14 | Chintan Mangal          | 31 | Manish Khandelwal       |
| 15 | Darshit Mehta           | 32 | Manish Kumar            |
| 16 | Dhirendra Singh Chouhan | 33 | Mohit Gupta             |
| 17 | Dipendra Singh Gour     | 34 | Mukund Chaturvedi       |

|    |                      |    |                      |
|----|----------------------|----|----------------------|
| 35 | Nihar Saini          | 49 | Shabbir Ahmed        |
| 36 | Nishant Diwaker      | 50 | Manish Khandelwal    |
| 37 | Nitin Yadav          | 51 | Shiva Pathak         |
| 38 | Bhanu Arya           | 52 | Shreyansh Jain       |
| 39 | Pankaj Kumar Chauhan | 53 | Shubham Pareek       |
| 40 | Pooran Bairwa        | 54 | Shyam Sunder Meena   |
| 41 | Prakarsh Goyal       | 55 | Ayush Tak            |
| 42 | Prashant Ameriya     | 56 | Tejasvi Chauhan      |
| 43 | Priyanshu            | 57 | Uday Singh Shekhawat |
| 44 | Rahul Arora          | 58 | Utkarsh Gupta        |
| 45 | Rahul                | 59 | Vaibhav Saxena       |
| 46 | Rahul Saini          | 60 | Yash Vijayvargia     |
| 47 | Rahul Kumar          | 61 | Yogesh Meena         |
| 48 | Sanskar Gupta        | 62 | Yogesh Vaishnav      |