

# **Course: Introduction to Abrasive Machining and Finishing Processes**

**Course Code:** noc21-me56

**Session:** 2020-21

**Duration:** 8 Weeks

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

## **Curriculum of the Course:**

Week 1: Introduction conventional abrasive processes, Introduction to abrasive processes, Grinding Process

Week 2: Conventional abrasive finishing processes (CAFP): Honing & Wire Brushing, CAFP: Lapping, Buffing & Super finishing, Practical Conventional abrasive finishing processes

Week 3 : Adv. abrasive machining processes (AAMP),AAMP

Week 4: Hybrid Adv. Abrasive Machining Processes, Advanced Finishing

Week 5: Adv. Finishing: Abrasive Flow Finishing

Week 6: Adv. Finishing: Magnetic Abrasive Finishing

Week 7: Adv. Finishing: Magnetic Rheological Finishing

Week 8: Hybrid abrasive finishing, Finishing of Advanced Materials

## **List of students enrolled**

|   |                |
|---|----------------|
| 1 | Gaurav Mishra  |
| 2 | Muskan Rangrej |