

Course: Computer Integrated Manufacturing

Course Code: noc20-me44

Session: 2019-20

Duration: 12 Week

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

Curriculum of the Course:

Week 1:

- Introduction to Computer Integrated Manufacturing (CIM) Issues and challenges

Week 2:

- Computer Aided Design

Week 3:

- Computer Aided Manufacturing

Week 4:

- Computer Numerical Control Simple lighting model

Week 5:

- Computer Aided Process Planning (CAPP) View coordinate system

Week 6:

- CIM interfaces: CAD vs CAM

Week 7 :

- Data and information in CIM

Week 8 :

- Manufacturing Systems and their design

Week 9 :

- Simulation of Manufacturing Systems

Week 10 :

- Computer Aided Maintenance

Week 11 :

- Computer Integrated Additive Manufacturing

Week 12 :

- Advanced CIM techniques

List of students enrolled

S. No	Name of Student
1	Payoj Agrawal
2	AMAN JHAJHARIA
3	Puneet Kumawat
4	Rajat Saini
5	Rishabh Shrivastava
6	Abhishek Sharma