

# CIM Final Assignment

4<sup>th</sup> Year 2<sup>nd</sup> Term (8<sup>th</sup> Semester) Batch 2010

## Important Directions:

1. This assignment is compulsory for all the students.
2. This assignment is of 5 marks.
3. **Submit the assignment before Wednesday 11<sup>th</sup> December 2:30PM.**
4. Your assignment should be **hand written**.
5. The reference book for this assignment is CAD/CAM (was also referred in 7<sup>th</sup> semester)

## Questions of Assignment;

Find these questions in chapter 12 of CAD/CAM book.

1. What is a flexible manufacturing system? Give example from an industry you have visited.
2. As an industrial engineer, how do you define application of flexible manufacturing systems. Write your view regarding function of Material Handling System.
3. Write Down FMS workstations with details of each station's functions.

Find these Questions in chapter 13 of CAD/CAM book.

1. What are the different types of Robot Control? Draw hierarchical control structure.
2. What do you know about accuracy & repeatability of Robot. Give some suitable examples regarding latest technology used in robots.
3. Write down a detailed note on Robot Anatomy.