



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**MONAD UNIVERSITY, HAPUR**

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Dated:-01/09/2017

Course: EME-471, Entrepreneurship Development Program

Assignment No: 1

Due date of submission: 11/09/2017

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your Hod within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q 1.

- (a) Discuss any business idea (your own idea or any business you like) briefly.
- (b) How will you take it business to entrepreneurship?

Q 2.

- (a) Describe story of any entrepreneur you have witness or you like.
- (b) What are the qualities of any entrepreneur according to you?



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Dated:–01/09/2017

Course: EME–472, Computer Aided Design

Assignment No: I

Due date of submission: 11/09/2017

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your **course faculty** within due date.
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Q.1

- (a) You know about CAD. If yes, explain the basic difference CAD and CAE.
- (b) You are aware of computer integrated manufacturing, can you explain the process of CIM.

Q.2

- (a) As you are familiar with the display device, explain the various types of display device with suitable example.
- (b) You are aware of Bresenham's algorithm for line generation. Explain it.



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Dated:-01/09/2017

Course: EME-473, Automobile engineering.

Assignment No: 1

Due date of submission: 11/09/2017

Instructions

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**Q.1**

(a) You are familiar with automobile. What are the main components of an automobile? Describe all of them briefly.

(b) You know about torque converter. Explain it with neat sketch.

**Q.2**

(a) You are aware about fluid flywheel. Explain it with neat sketch.

(b) You are familiar with clutch. What are the applications of clutch? Describe cone clutch and single plate clutch with neat sketch.



# DEPARTMENT OF MECHANICAL ENGINEERING

## MONAD UNIVERSITY, HAPUR

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Dated:-01/09/2017

Course: EME-474, Computer Aided Manufacturing

Assignment No: 1

Due date of submission: 11/09/2017

### Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your course faculty within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q 1.

- (a) Explain the advantages of CNC machines over the traditionally used machines.
- (b) Explain direct and indirect role of computers in manufacturing.

Q 2.

- (a) What is automation? Discuss various types of automation.
- (b) Differentiate between NC and CNC machines.



# DEPARTMENT OF MECHANICAL ENGINEERING

## MONAD UNIVERSITY, HAPUR

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Course: EME-475, Mechanical System Design

Dated:-01/09/2017

Assignment No: 1

Due date of submission: 11/09/2017

### Instructions

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2. Submit the responses to your **course faculty** within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

- (a) You are aware about system approach. Explain advantages of system approach.
- (b) You know about engineering process. Explain concurrent engineering.

Q.2

- (a) You are aware about system theories. Explain Black box theory.
- (b) You are familiar about modeling in a system. Explain the need of modeling in a system.