

Reg. No: 

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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**B.Tech III Year II Semester Supplementary Examinations Dec 2019**

**CAD/CAM**

(Mechanical Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

**UNIT-I**

- 1 Explain the various types of display devices along with neat sketches. 12M

**OR**

- 2 Describe the main elements CIM system along with diagram. 12 M

**UNIT-II**

- 3 Discuss various types of geometric modeling with neat sketches. 12 M

**OR**

- 4 Explain various types of solid modeling. 12 M

**UNIT-III**

- 5 a Briefly explain about NC Coordinate systems. 6 M

- b Explain various applications of NC and CNC system. 6 M

**OR**

- 6 Explain About Computer Assisted Part Programming. 12 M

**UNIT-IV**

- 7 Explain production flow analysis and Benefits of G.T. 12 M

**OR**

- 8 Explain the various contact inspection method. 12 M

**UNIT-V**

- 9 Explain the Generative CAPP type system with neat sketch. 12 M

**OR**

- 10 Differentiate MRP-I and MRP-II. 12 M

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