

Semester- III

Branch:ME

QUESTION BANK

Subject with Code: COMPUTER INTEGRATED MANUFACTURING SYSTEMS, ME-622

- Q1.** Explain Group Technology and Computer Aided Process Planning.
- Q2.** Explain Process planning function CAPP: Computer generated time standards.
- Q3.** Explain Computer Aided Planning and Control.
- Q4.** What is Computer Monitoring & Explain types of production monitoring systems.
- Q5.** Explain Material requirements planning (MRP): shop floor control.
- Q6.** Explain integration of CAQC with CAD/CAM.
- Q7.** Explain Integrated Manufacturing System alongwith its application, features & types.
- Q8.** Explain Artificial intelligence and expert system in CIM.
- Q9.** Explain group technology machine cells.
- Q10.** Explain benefits of group technology.
- Q11.** Explain Computer generated time standards.
- Q12.** Explain shop floor control.
- Q13.** Explain factory data collection system.
- Q14.** Explain barcode technology.
- Q15.** Explain process control & strategies.
- Q16.** Explain direct digital control.

Q17. Explain supervisory computer control.

Q18. Explain computer control system.

Q19. Explain DNC systems manufacturing cell.

Q20. Explain Artificial intelligence and expert system in CIM.