



# RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Permanently Affiliated to JNTUA, Anantapuramu & Recognized by UGC u/s 2(f) & 12(B)  
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452  
Andhra Pradesh – India

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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### CAO ASSIGNMENT QUESTIONS

#### UNIT-IV

1. Write the Booth multiplication algorithm. Draw the flowchart and explain with an example.
2. What is micro-programmed control? Explain in detail.
3. Explain in detail about Booth multiplication algorithm with example.
4. (a) Specify the format of microinstruction. Explain in detail about microinstruction code format.  
(b) Illustrate the differences between hardwired control and microprogrammed control.
5. Discuss in detail about flowchart for add and subtract operations along with example.