Department of Physics

E-content (B.Sc. 3rd Semester Honors)

Subject: Electronics

Teacher Name: Dr. Renu Bala

1. Thevenin and Norton Equivalent

   https://drive.google.com/file/d/1H6eM2l7OkB0SipX8qnGlDGdbJxGQ15E5/view?usp=share_link

2. Circuit Analysis

   https://drive.google.com/file/d/1SdjJs7TpujzVGz8Za8pjeIRaz28gZfBx/view?usp=share_link

3. Binary Arithmetic

   https://docs.google.com/presentation/d/13RRHsX5nIfu7LNE7-RZ9fIK1uv23ZMNB/edit?usp=share_link&ouid=104539033769532935840&rtpof=true&sd=true

4. Error Detecting and Correcting

   https://docs.google.com/presentation/d/1IRqga87Sf4fPmZEduU4EGx7Gg9PbEU4f/edit?usp=share_link&ouid=104539033769532935840&rtpof=true&sd=true

5. Positive and Negative Logic

   https://drive.google.com/file/d/1rIG5NUSVy73-3zX_T6fO4Y4OTq3tVuBp/view?usp=share_link

Questions

1. Long Answer Questions

   https://drive.google.com/file/d/190pFAsaAOvVLvrGPGcd5gHMKqtyqwGpY/view?usp=share_link

2. MCQ questions

   https://drive.google.com/file/d/1sMeJ5y0PhGF0ChDvWvKjB95TjAwbV2dw/view?usp=share_link

Suggested books

1. Circuit theory Fundamentals and Applications : Aram Budak (Prentice-Hall, 1987).
2. Electronic Instrumentation, H.S. Kalsi (Tata McGraw-Hill, 2004).
3. Modern Digital Electronics: R.P. Jain (Tata McGraw Hill, 2010).
4. Digital Principles and Applications : Malvino and Leach (Tata McGraw Hill, 2010).