

# **RECOMMENDED BOOKS**

## **IT-111: Principles of Electrical Engineering**

- Electrical Engineering Vol. 1 & 2 by B.L. Theraja and A.K. Theraja(*Preferred*)
- Network & Systems by D. Roy Choudhary
- Electrical Measurement by A.K. Sawhney
- Books on Individual topics by U.A Bakshi(*Check Google Books*)

## **IT-112: Mechanical Sciences**

- Engineering Mechanics by A.K. Tayal(*Preferred*)
- Engineering Thermodynamics by P.K. Nag(*Preferred*)
- Fluid Mechanics by R.K. Bansal(*Preferred*)
- Strength of Materials by U.C Jindal
- Mechanical Sciences by A Rajput

## **IT-113: Engineering Mathematics**

- Advanced Engineering Mathematics by Jaggi & Mathur(*Preferred*)
- Advanced Engineering Mathematics by Iyenger & Jain
- Advanced Engineering Mathematics by Kreyszig

## **IT-114: Introduction to Programming**

- Let Us C by Yashwant kanetkar(*Preferred for Beginner Level*)
- Programming in C by Balaguruswamy
- C Programming Language by Ritchie & Kernighan(*Advance Level*)

## **IT-115: Discrete Structures**

- Discrete Mathematics by Trembley & Manohar (*Preferred*)
- Elements of Discrete Mathematics by C.L. Liu
- Check for video Lectures on NPTEL.

## **IT-116: Principle of Electrical Engineering Lab**

No Books required.Handouts Provided.

## **IT-117: Mechanical Sciences Lab**

No Books required.Handouts Provided.

## **IT-118: Introduction to Programming Lab**

Same as Theory.

## **109: UNIX Lab**

- Unix Programming by Sumitabha Das