



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)

Date: 14-08-2023

LIST OF TEXTBOOKS FOR I - SEMESTER B.TECH.

All students are advised to purchase the following TEXTBOOKS and LAPTOP/DESKTOP. Textbook reading is an essential part of course learning. In addition to the classroom learning, the student can learn additional inputs from reading course textbooks

Stream -I (CSE, CSO, CSN, IT, ME)

S. No	Name of the Course	Text Book to be Purchased	Author
1.	Engineering Mathematics	"Higher Engineering Mathematics" Khanna Publishers, Delhi, 43/e	Grewal, B.S
2.	Engineering Physics	"Engineering Physics", Dhanpat Rai Publications(P) Ltd	R.K.Gaur & S.L. Gupta
3.	Programming for Problem solving using C	"Programming in ANSIC", Tata McGraw Hill, 6/e	E. Balagurusamy
4.	Basic Electrical Engineering	"Basic Engineering", I K International Publishing House Pvt. Ltd, 1/e	K. Uma Rao and A. Jayalakshmi

Stream -II (ECE, ECI, EEE, CE, CSM, CSD)

S. No	Name of the Course	Text Book to be Purchased	Author
1.	Engineering Mathematics	"Higher Engineering Mathematics," Khanna Publishers, Delhi, 43/e	Grewal, B.S
2.	Engineering Chemistry	"Engineering Chemistry", Dhanpat Rai Publishing Company, 16/e,	Jain and Jain
3.	Environmental Studies	"Text Book of Environmental Studies for Under Graduate Course", Universities Press (India) Pvt. Ltd, 2/e	Erach Bharucha
4.	Programming for Problem solving using C	"Programming in ANSIC", Tata McGraw Hill, 6/e	E. Balagurusamy,
5.	Engineering Mechanics	"Engineering Mechanics: Statics and Dynamics", Umesh Publishers, New Delhi, 14/e,	Tayal A. K

LAPTOP/DESKTOP:

1. A Laptop/Desktop is very essential to engineering students for them to improve their PROGRAMMING SKILLS, PROBLEM SOLVING SKILLS, LATERAL THINKING and PRESENTATION SKILLS.
2. It is recommended for every engineering student to have laptop/Desktop. The student can use it for online classes, submission of coding assignments, making power point presentations, softwares to implement Mini Project and Major Project

[Signature]
PRINCIPAL