

(BESI-2T) ENGINEERING PHYSICS (Theory)

❖ Course Outcome:

After the completion of Course, Students will be able to.....

		Blooms Level	PO
BESI-2T 1	Compare the classical and quantum mechanics	2,4	PO 2
BESI-2T 2	Distinguish between the various crystal structure according to their parameters	2,4	PO 1,2,3
BESI-2T 3	Illustrate the characteristics of semiconductor and distinguish between the p type and n type semiconductors	3,4	PO 4
BESI-2T 4	Make use of theoretical knowledge to solve numerical	3	PO 1

Name and Sign of Course Teacher

BESI-2P ENGINEERING PHYSICS (Practical)

❖ Course Outcome:

After the completion of Course, Students will be able to.....

		Blooms Level	PO
BESI-2P 1	To construct electronic circuit using various components	3	PO 3,1
BESI-2P 1	Develop the experimental skill and uses of new instruments in engineering studies	3	PO 3,1

Name and Sign of Course Teacher

(BESII-2T) ADVANCED PHYSICS (Theory)

❖ Course Outcome:

After the completion of Course, Students will be able to.....

		Blooms Level	PO
BESII-2T 1	Recall the concept of wave interference and diffraction and understand operation of LASER	1,2	PO1,2
BESII-2T 2	Distinguish the various trajectories of charge particles in electric and magnetic field depending on their projection	4	PO1,2
BESII-2T 3	understand the working of CRT and make use of it in CRO for practical applications	3	PO1,2
BESII-2T 4	Illustrate the basic principles and operation of Optical Fiber and its applications in advanced technology like nanotechnology	2	PO1,2

(BESII-2P)ADVANCED PHYSICS (Practical)

❖ Course Outcome:

After the completion of Course, Students will be able to.....

		Blooms Level	PO
BESII-2P 1	experiment with spectrometer by using optical phenomenon such as interference and diffraction	2	PO1,3
BESII-2P 2	relate the applications of CRO in engineering	2,3	PO1,3