

SCHEME OF EXAMINATION FOR BACHELOR PROGRAM IN TECHNOLOGY (B.TECH)
STREAM – INSTRUMENTATION ENGINEERING
DURATION : 4 YEARS
ELIGIBILITY : H.S.C (MCVC) OR DIPLOMA IN ENGINEERING
TOTAL FEES : RS. 60, 900/-
FIRST YEAR

SR. NO.	SUBJECT NAME	SUBJECT CODE	INTERNAL ASSESSMENT MARKS	TERM END EXAM	TOTAL MARKS	PASSING MARKS
1.	ENGINEERING PHYSICS	BTI101	20	80	100	40
2.	ENGINEERING CHEMISTRY	BTI102	20	80	100	40
3.	COMMUNICATION ENGLISH	BTI103	20	80	100	40
4.	INFORMATION TECHNOLOGY	BTI104	20	80	100	40
5.	SOCIAL SCIENCES	BTI105	20	80	100	40
6.	ENGINEERING MATHEMATICS	BTI106	20	80	100	40

SECOND YEAR

SR. NO.	SUBJECT NAME	SUBJECT CODE	INTERNAL ASSESSMENT MARKS	TERM END EXAM	TOTAL MARKS	PASSING MARKS
1.	CIRCUIT THEORY	BTI107	20	80	100	40
2.	ANALOGUE & DIGITAL CIRCUITS	BTI108	20	80	100	40
3.	STRUCTURE OF MECHANICS	BTI109	20	80	100	40
4.	ELECTRONIC DEVICES & CIRCUITS	BTI110	20	80	100	40
5.	MECHANICS OF MATERIALS	BTI111	20	80	100	40
6.	ELEMENTS OF INSTRUMENTATION ENGINEERING	BTI112	20	80	100	40

THIRD YEAR

SR. NO.	SUBJECT NAME	SUBJECT CODE	INTERNAL ASSESSMENT MARKS	TERM END EXAM	TOTAL MARKS	PASSING MARKS
1.	OPTICAL COMMUNICATION SYSTEM	BTI113	20	80	100	40
2.	DIGITAL SIGNAL PROCESSING	BTI114	20	80	100	40
3.	TRANSDUCERS FOR INSTRUMENTATION	BTI115	20	80	100	40
4.	SYSTEM ANALYSIS	BTI116	20	80	100	40
5.	ELECTRONIC INSTRUMENTATION	BTI117	20	80	100	40
6.	UTILIZATION OF ELECTRIC POWER	BTI118	20	80	100	40

FOURTH YEAR

SR. NO.	SUBJECT NAME	SUBJECT CODE	INTERNAL ASSESSMENT MARKS	TERM END EXAM	TOTAL MARKS	PASSING MARKS
1.	EMBEDDED SYSTEM DESIGN	BTI119	20	80	100	40
2.	INDUSTRIAL AUTOMATION	BTI120	20	80	100	40
3.	ELEMENTS OF POWER SYSTEM	BTI121	20	80	100	40
4.	ENVIRONMENTAL ENGINEERING	BTI122	20	80	100	40
5.	COST CONTROL	BTI123	20	80	100	40
6.	PROJECT STUDY				100	40