B. S. Engineering Technology

Type of Input: Employed persons in Engineering Industries with minimum 2 years work experience and a Technical Diploma / B.Sc. or its equivalent with adequate background in Mathematics. Employer consent with suitable mentor availability will be additional requirements.

Duration Normally Six Semesters

Special Feature: This is a specially designed Work-Integrated Learning Programme for catering to the Human Resource Development requirements of diverse spectrum of Engineering Industries.

Semesterwise pattern for students admitted in the First Semester of the Academic Session

Year	First Semester		U	Second Semester		U
I	MGTS ZC211	Principles of Management	3	TA ZC142	Computer Programming	3
	TA ZC312	Technical Report Writing	3	MATH ZC232	Engineering Mathematics II	3
	MATH ZC161	Engineering Mathematics I	3	ES ZC261	Digital Electronics and Microprocessors	3
	ENGG ZC111	Electrical & Electronics Technology	3	AAOC ZC111	Probability and Statistics	3
		Total	12		Total	12
II	ENGG ZC241	Mechanical Technology	3	ET ZC342	Materials Management	3
	TA ZC232	Engineering Measurements	3	ET ZC362	Environmental Pollution Control	3
	ENGG ZC232	Engineering Materials	3	ET ZC412	Production Planning & Control	3
	AAOC ZC222	Optimization	3	ENGG ZC242	Maintenance & Safety	3
		Total	12		Total	12
III	ET ZC432	Quality Control, Assurance & Reliability	3	BITS ZC423T	Project Work	20
	ET ZC341	Instrumentation & Control	3			
	ET ZC414	Project Appraisal	3			
	BITS ZC471	Management Information Systems	3			
		Total	12		Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.

Semesterwise pattern for students admitted in the Second Semester of the Academic Session

Year	First Semester		U	Second Semester		U
I				MGTS ZC211	Principles of Management	3
				TA ZC312	Technical Report Writing	3
				MATH ZC161	Engineering Mathematics I	3
				ENGG ZC111	Electrical & Electronics Technology	3
					Total	12
II	TA ZC142	Computer Programming	3	ENGG ZC241	Mechanical Technology	3
	MATH ZC232	Engineering Mathematics II	3	TA ZC232	Engineering Measurements	3
	ES ZC261	Digital Electronics and Microprocessors	3	ENGG ZC232	Engineering Materials	3
	AAOC ZC111	Probability and Statistics	3	AAOC ZC222	Optimization	3
		Total	12		Total	12
III	ET ZC342	Materials Management	3	ET ZC432	Quality Control, Assurance & Reliability	3
	ET ZC362	Environmental Pollution Control	3	ET ZC341	Instrumentation & Control	3
	ET ZC412	Production Planning & Control	3	ET ZC414	Project Appraisal	3
	ENGG ZC242	Maintenance & Safety	3	BITS ZC471	Management Information Systems	3
		Total	12		Total	12
IV	BITS ZC423T	Project Work	20			
		Total	20			

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.