

Sarvajani College of Engineering and Technology

Department of Electrical Engineering

Bachelor of Technology

Options for Multiple Entry and Exit Scheme

A candidate seeking exit after 1st year, 2nd year or 3rd year shall earn 10 credits by studying one skilled based vocational or specific course (4 credits) mentioned below and internship of minimum 8 weeks (6 credits)

List of Skilled Based Courses

After 1 Year

Skilled Based Courses			Teaching Scheme			Total Credits	Total Hours	Evaluation Scheme		
Sr. No.	Subject Code	Subject Name	L	T	P	C	H	CCE	SEE	TOTAL
1	BTEL13201	Electrical Installation and Safety	4	0	0	4	4	50	50	100
2	BTEL13202	Application of Electrical Machines and Maintenance	4	0	0	4	4	50	50	100
3	BTEL16201	Internship/Training/Project	-	-	-	6	-	50	50	100

After 2 Year

Skilled Based Courses			Teaching Scheme			Total Credits	Total Hours	Evaluation Scheme		
Sr. No.	Subject Code	Subject Name	L	T	P	C	H	CCE	SEE	TOTAL
1	BTEL132408	Renewable Energy Based Power Generation	4	0	0	4	4	50	50	100
2	BTEL13409	Energy Management and Audit	4	0	0	4	4	50	50	100
3	BTEL16401	Internship/Training/Project	-	-	-	6	-	50	50	100

After 3 Year

Skilled Based Courses			Teaching Scheme			Total Credits	Total Hours	Evaluation Scheme		
Sr. No.	Subject Code	Subject Name	L	T	P	C	H	CCE	SEE	TOTAL
1	BTEL13201	Solar Photovoltaics – Design, Installation and Maintenance	4	0	0	4	4	50	50	100
2	BTEL13202	Electrical Hybrid Vehicles	4	0	0	4	4	50	50	100
3	BTEL16601	Internship/Training/Project	-	-	-	6	-	50	50	100