

SWAMI VIVEKANAND UNIVERSITY, SIRONJA, SAGAR (M.P.)



SCHEME

For
BACHELOR OF TECHNOLOGY (B.Tech.)
ELECTRONICS & COMMUNICATON
ENGINEERING (ECE)
Course Code : BTEC

Department of Electronics & Communication
Engineering
Faculty of Engineering

Duration of Course : 4 Year
Examination Mode : Semester
Examination System : Grading

Swami Vivekanand University, Sironja Sagar (M.P.)
2016-2017



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering

Department of Electronics & Communication Engineering

Scheme of Course : B.Tech. - Electronics & Comm. Engineering. Course Code : BTEC

Semester :- 3rd Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0301	Mathematics -II	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0302	Computer System Organization	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0303	Electronic Instrumentation	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0304	Electronic Devices	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0305	Network Analysis	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0306	Software Lab-I	-	-	2	2	-	-	-	-	-	30	09	10	10	50	50	3 Hrs
BTEC -0307	Self Study (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
BTEC -0308	Seminar / Group Discussion (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
	Total	15	05	12	32	350	-	100	50	500	120	-	40	140	300	800	



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Scheme of Examination



Faculty of Engineering

Department of Electronics & Communication Engineering

Scheme of Course : B.Tech. - Electronics & Comm. Engineering. Course Code : BTEC

Semester :- 4th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+ G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0401	Mathematics III	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0402	Electromagnetic Theory	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0403	Digital Electronics	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0404	Linear Integrated Circuits and its Application	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0405	Analog Communication	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0406	Software Lab-II	-	-	2	2	-	-	-	-	-	30	09	10	10	50	50	3 Hrs
BTEC -0407	Self study (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
BTEC -0408	Seminar / Group Discussion (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
	Total	15	05	12	32	350	-	100	50	500	120	-	40	140	300	800	



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Scheme of Examination



Faculty of Engineering

Department of Electronics & Communication Engineering

Scheme of Course : B.Tech. - Electronics & Comm. Engineering. Course Code : BTEC

Semester :- 5th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0501	Voice & Data Communication	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0502	Control Systems	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0503	Digital Communication	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0504	Microprocessors & Microcontrollers	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0505	Communication Network and Transmission Lines	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0506	Software Lab - III	-	-	2	2	-	-	-	-	-	30	09	10	10	50	50	3 Hrs
BTEC -0507	Self study (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
BTEC -0508	Seminar / Group Discussion (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
	Total	15	05	12	32	350	-	100	50	500	120	-	40	140	300	800	



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering

Department of Electronics & Communication Engineering

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Semester :- 6th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+ G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0601	Industrial Electronics	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0602	Cellular Mobile Communication	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0603	Digital Signal Processing	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0604	Antenna & Wave Propagation	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0605	VLSI Circuits & Systems	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0606	Software Lab - IV	-	-	2	2	-	-	-	-	-	30	09	10	10	50	50	3 Hrs
BTEC -0607	Self study (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
BTEC -0608	Seminar / Group Discussion (Internal Assessment)	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
	Total	15	05	12	32	350	-	100	50	500	120	-	40	140	300	800	



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Scheme of Examination



Faculty of Engineering
Scheme of Course : B.Tech. - Electronics & Comm. Engineering. Course Code : BTEC

Department of Electronics & Communication Engineering
Semester :- 7th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+ G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0701	Elective -I	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0702	Satellite Communication	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0703	Optical Communication	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0704	Microwave Engg.	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0705	VLSI Design	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0706	Minor Project & Seminar	-	-	4	4	-	-	-	-	-	60	18	20	20	100	100	3 Hrs
BTEC -0707	Industrial Training (Two Week)	-	-	2	2	-	-	-	-	-	30	09	10	10	50	50	-
	Total	15	05	12	32	350	-	100	50	500	180	-	60	60	300	800	

Elective –I

BTEC-0701(A) Wireless Communication

BTEC-0701(B) Digital Image Processing

BTEC-0701(c) Neural Networks



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering
Scheme of Course : B.Tech. - Electronics & Comm. Engineering. Course Code : BTEC

Department of Electronics & Communication Engineering
Semester :- 8th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks											Duration of Theory Exam
		L	T	P		Theory					Practical					Grand Total (I= D+H)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal		Total (H= E+F+ G)		
						Max (A)	Min	MST (B)	TW (C)		Max (E)	Min	LW (F)	PQ (G)			
BTEC-0801	Elective -II	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0802	Advanced Communication System	3	1	-	4	70	22	20	10	100	-	-	-	-	-	100	3 Hrs
BTEC -0803	Computer Networks	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC-0804	TV & Radar Engg.	3	1	2	6	70	22	20	10	100	30	09	10	10	50	150	3 Hrs
BTEC -0805	Major Project	-	-	10	10	-	-	-	-	-	100	31	100	50	250	250	3 Hrs
BTEC -0806	Seminar & Group Discussion	-	-	2	2	-	-	-	-	-	-	-	-	50	50	50	-
	Total	12	4	16	32	280	-	80	40	400	160	-	120	120	400	800	

Elective –II

BTEC-0801(A) Advanced Data Network

BTEC-0801(B) Microwave Circuits

BTEC-0801(C) Principles of Management & Managerial Economics