

BABU BANARASI DAS UNIVERSITY, LUCKNOW

B. Sc. (Honours) Electronic Science COURSE STRUCTURE (Under CBCS)

Course Category	Course Code	Course Name	Teaching		Evaluation				Credits	
			L	P	Theory	Lab/ Seminar/ Viva voce/ Dissertation		Total		
						(10)	(10)			(10)
SEMESTER - I										
Core	BSE 101	Basic Circuit Theory and Network Analysis	4	4	40	60	20	30	150	4
Core	BSE 102	Mathematics: Foundation for Electronics	5	1	40	60	-	-	100	4
GE		General Studies - I								2
MCC	BSA 1 101	Communicative English	2	-	40	60	-	-	100	2
GP	BS-P-1	General Proficiency	-	-	-	-	100	-	100	1
SEMESTER - II										
Core	BSE 103	Semiconductor Devices	4	4	40	60	20	30	150	4
Core	BSE 104	Applied Physics	5	1	40	60	-	-	100	4
GE		General Studies - II								2
MCC	BSA 1 101	Communicative English	2	-	40	60	-	-	100	2
GP	BS-P-1	General Proficiency	-	-	-	-	100	-	100	1
SEMESTER - III										
Core	BSE 105	Electronic Circuits	5	1	40	60	-	-	100	4
Core	BSE 106	Digital Electronics	4	4	40	60	20	30	150	4
Core	BSE 107	C Programming and Data Structures	4	4	40	60	20	30	150	4
GE		General Studies - III								2
MCC		Self-Enrichment Course - I								1
GP	BS-P-1	General Proficiency	-	-	-	-	100	-	100	1
SEMESTER - IV										
Core	BSE 108	Operational Amplifiers and Applications	4	4	40	60	20	30	150	4
Core	BSE 109	Signals & Systems	5	1	40	60	-	-	100	4
Core	BSE 110	Electronic Instrumentation	4	4	40	60	20	30	150	4
GE		General Studies - IV								2
MCC		Self-Enrichment Course - I								1
GP	BS-P-1	General Proficiency	-	-	-	-	100	-	100	1
SEMESTER - V										
Core	BSE 111	Microprocessors and Microcontrollers	4	4	40	60	20	30	150	4
Core	BSE 112	Electromagnetics	5	1	40	60	-	-	100	4
GE	BSE 113	Openline Specific Elective - I	5	1	40	60	-	-	100	4
GE	BSE 114	Openline Specific Elective - II	5	1	40	60	-	-	100	4
Lab	BS-L-1	Seminar	-	-	-	-	100	-	100	1
SEMESTER - VI										
Core	BSE 115	Communication Electronics	4	4	40	60	20	30	150	4
Core	BSE 116	Photonics	5	1	40	60	-	-	100	4
GE	BSE 113	Openline Specific Elective - III	5	1	40	60	-	-	100	4
GE	BSE 114	Openline Specific Elective - IV	5	1	40	60	-	-	100	4
Lab	BS-L-2	Year Project	-	-	-	-	100	100		10