

# BABU BANARASI DAS UNIVERSITY, LUCKNOW

## M. Sc. Electronic

### COURSE STRUCTURE

Course Category	Course Code	Course Name	Teaching			Evaluation				Credits	
						Theory		Lab/ Seminar/ Viva voce/ Dissertation			Total
			L	T	P	CIA	ESE	CIA	ESE		
<b>SEMESTER – I</b>											
Core	ME 1101	Mathematical Techniques in Electronics	4	-	-	40	60	-	-	100	4
Core	ME 1102	Fundamentals of Semiconductor Devices	4	-	4	40	60	20	30	150	6
Core	ME 1103	Programming in C	4	-	4	40	60	20	30	150	6
Core	ME 1104	Advance Digital Electronics	4	-	4	40	60	20	30	150	6
										<b>22</b>	
<b>SEMESTER – II</b>											
Core	ME 1201	Electromagnetic, Antenna and Propagation	4	-	-	40	60	-	-	100	4
Core	ME 1202	Advance Electronics Circuits	4	-	4	40	60	20	30	150	6
Core	ME 1203	Electronics Measurements	4	-	4	40	60	20	30	150	6
Core	ME 1204	Network Analysis	4	-	4	40	60	20	30	150	6
										<b>22</b>	
<b>SEMESTER – III</b>											
Core	ME 1301	Analog and Digital Communication	4	-	4	40	60	20	30	150	6
Core	ME 1302	Microprocessors and interfacing	4	-	4	40	60	20	30	150	6
Core	ME 1303	Optoelectronics and optical Communication	4	-	-	40	60	-	-	100	4
DSE		Discipline Specific Elective - I	4		-	40	60	-	-	100	4
Lab	MES3	Seminar	-	-	-			100	-	100	2
										<b>22</b>	
<b>SEMESTER – IV</b>											
Core	ME 1401	Control Systems	4	-	4	40	60	20	30	150	6
Core	ME 1402	VLSI Technology and Design	4	-	4	40	60	20	30	150	6
DSE		Discipline Specific Elective - II	4		-	40	60	-	-	100	4
Lab	MEP4	Project			12			50	150	200	6
										<b>22</b>	

### ELECTIVE COURSES – M. Sc. Electronics Science

<b>Discipline Specific Elective – I</b>											
ME 1351	Power Electronics	4		-	40	60	-	-	100	4	
ME 1352	Radar ,TV and Satellite	4		-	40	60	-	-	100	4	
ME 1353	Microwave	4		-	40	60	-	-	100	4	
<b>Discipline Specific Elective – II</b>											
ME 1454	Advance Digital Signal Processing	4		-	40	60	-	-	100	4	
ME 1455	Microcontroller	4		-	40	60	-	-	100	4	
ME 1456	Computer Networks	4		-	40	60	-	-	100	4	