

# BABU BANARASI DAS UNIVERSITY, LUCKNOW

## M.Sc. Electronics

### COURSE STRUCTURE

(Effective 2017-18 onwards)

Course Category	Course Code	Course Name	Teaching			Evaluation		Credits	
			L	T	P	Chk.	Total		
<b>SEMESTER - I</b>									
Core	ME 110	Mathematical Techniques in Electronics	4	-	-	40	60	200	4
Core	ME 111	Fundamentals of Semiconductor Devices	4	-	-	40	60	200	4
Core	ME 112	Programming in C	4	-	-	40	60	200	4
Core	ME 113	Advance Digital Electronics	4	-	-	40	60	200	4
Lab	ME 111	Semiconductor Devices Lab	-	-	4	40	60	200	2
Lab	ME 112	Programming in C Lab	-	-	4	40	60	200	2
Lab	ME 113	Digital Electronics Lab	-	-	4	40	60	200	2
<b>18</b>									
<b>SEMESTER - II</b>									
Core	ME 114	Electromagnetic, Antenna and Propagation	4	-	-	40	60	200	4
Core	ME 115	Advance Electronics Circuits	4	-	-	40	60	200	4
Core	ME 116	Electronic Measurements	4	-	-	40	60	200	4
Core	ME 117	Network Analysis	4	-	-	40	60	200	4
Lab	ME 115	Advance Electronics Circuits Lab	-	-	4	40	60	200	2
Lab	ME 116	Electronic Measurements Lab	-	-	4	40	60	200	2
Lab	ME 117	Network Analysis Lab	-	-	4	40	60	200	2
<b>18</b>									
<b>SEMESTER - III</b>									
Core	ME 118	Analog and Digital Communication	4	-	-	40	60	200	4
Core	ME 119	Microprocessors and Interfacing	4	-	-	40	60	200	4
Core	ME 120	Optoelectronics and Optical Communication	4	-	-	40	60	200	4
DSB		Discipline Specific Elective - I	4	-	-	40	60	200	4
Lab	ME 118	Communication Lab	-	-	4	40	60	200	2
Lab	ME 119	Microprocessors Lab	-	-	4	40	60	200	2
Lab	ME 120	Optics	-	-	4	40	60	200	2
<b>22</b>									
<b>SEMESTER - IV</b>									
Core	ME 121	Control Systems	4	-	-	40	60	200	4
Core	ME 122	VLSI Technology and Design	4	-	-	40	60	200	4
DSB		Discipline Specific Elective - II	4	-	-	40	60	200	4
Lab	ME 121	Control Systems Lab	-	-	4	40	60	200	2
Lab	ME 122	VLSI Design Lab	-	-	4	40	60	200	2
Lab	ME 123	Thesis	-	-	-	50	50	200	4
Lab	ME 124	Viva Voce	-	-	-	100	100	100	1
<b>20</b>									