Integral University, Lucknow
Department of Polytechnic
Study and Evaluation Scheme

Program: Diploma in Electronics Engineering

I Semester

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-101	Applied Mathametics-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DPH-101	Applied Physics-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
3	DCH-101	Applied Chemistry-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
4	DEE-101	Basic Electrical Engineering-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DEC-102	Electronic Components & Devices-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y					
6	DED-101	Engineering Drawing	Core	01	03	00	40	20	60	40	100	1:3:0	4	Y	Y	Y				Y
PRACTICAL																				
7	DPH-151	Applied Physics Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y		Y		
8	DEE-151	Basic Electrical Engineering-I Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
9	DCAD-151	Basic Computer Aided Design Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				Y
10	DWS-151	Workshop Practice	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
11	GP-151	General Proficiency		-	-	-	-	-	60	-	60								Y	Y
			Total	16	08	09					**1060**									

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Program: Diploma in Electronics Engineering

II Semester

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-201	Applied Mathametics-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DPH-201	Applied Physics-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
3	DCH-201	Applied Chemistry-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
4	DEE-201	Basic Electrical Engineering-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DEC-202	Electronic Components & Devices-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y					
6	DPC-201	Professional Communication	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
PRACTICAL																				
7	DCH-251	Applied Chemistry Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y		Y		
8	DEC-252	Electronic Components & Devices Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
9	DCS-251	Computer Application Lab	Core	01	00	02	40	20	60	40	100	1:0:1	2	Y	Y	Y				Y
10	DPC-251	Professional Communication Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				
11	GP-251	General Proficiency		-	-	-	-	-	60	-	60								Y	Y
			Total	16	08	09					**1060**									

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Program: Diploma in Electronics Engineering

Semester IIIrd

S. No.	Course Code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-301	Applied Mathematics-II(A)	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DCS-301	Programming in C & C++	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
3	DEC-301	Principle of Digital Electronics	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
4	DEC-302	Network Filter & Transmission Line-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DEC-303	Electrical Machines	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
6	DEC-304	Electronics Devices & Circuits-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
PRACTICAL																				
1	DEC-351	Principle of Digital Electronics Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
2	DEC-352	Network Filter & Transmission Line Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
3	DEC-353	Electronics Workshop Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
4	GP-351	General Proficiency	Core	-	-	-	-	-	60	-	60	0:0:1.5	1.5						Y	Y
			Total	18	06	09	360	180	600	**400**	**1060**									

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Program: Diploma in Electronics Engineering

Semester IVth

S. No.	Course Code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Profession al Ethics
THEORIES																				
1	DMA-401	Applied Mathematics-II(B)	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DEC-401	Principle of Communication Engg.	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
3	DEC-402	Electronics Devices & Circuits-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
4	DEC-403	Industrial Electronics & Transducers	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DEC-404	Antenna & Wave Propagation	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
6	DEC-405	Network Filter & Transmission Line- II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
PRACTICAL																				
1	DEC-451	Principle of Communication Engg. Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y		Y				
2	DEC-452	Electronics Devices & Circuits Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
3	DEC-453	Industrial Electronics & Transducers Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y		Y				
4	GP-451	General Proficiency	Core	-	-	-	-	-	60	-	60								Y	Y
			Total	18	06	09	360	180	600	**400**	**1060**									

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Program: Diploma in Electronics Engineering

Semester V

S. No.	Course Code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DEC-501	Microprocessor Application & Interfacing	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
2	DEC-502	Electronics Instrument & Measurement	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
3	DEC-503	Television & Video Engineering	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
4	DEC-504	Communication System	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
5	DCS-506	Computer Programming using Python	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
6	DEV-501	Environmental Education & Disaster Management	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
PRACTICAL																				
1	DEC-551	Microprocessor Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
2	DEC-552	Electronics Instrument & Measurement Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
3	DCS-556	Computer Programming using Python Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
4	DEC-554	Field Exposure	Core	-	-	-	-	-	-	40	40			Y		Y			Y	Y
5	GP-551	General Proficiency	Core	-	-	-	-	-	60	-	60								Y	Y
			Total	18	06	09	360	180	600	400	1000		28.5							

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Semester VI

S. No.	Course Code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DEC-601	Advanced Microprocessor & Microcontroller	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
2	DEC-602	Linear Integrated Circuit	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
3	DEC-603	Wireless & Mobile Communication	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
4	DEC-604	Programmable Logic Controller	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DIM-601	Industrial Management and Entrepreneurship Development	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y				Y	Y
PRACTICAL																				
1	DEC-651	Microcontroller & PLC Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
2	DEC-652	Linear Integrated Circuit Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
3	DEC-653	Wireless & Mobile Communication Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
4	DEC-654	Project	Core	00	00	03	-	120	120	80	200	0:0:1.5	1.5	Y	Y	Y				Y
5	GP-651	General Proficiency	Core	-	-	-	-	-	60	-	60								Y	Y
			Total	15	05	09	360	280	380	400	1060		26							