

Course Structure of Diploma In Engineering Probidhan-2022 (Electrical Allied)
Technology Name: Electronics Technology

Electronics Technology (68)

1st Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21011	Engineering Drawing	-	6	2	-	-	-	50	50	100	100
2	25711	Bangla-I	2	-	2	40	60	100	-	-	-	100
3	25712	English-I	2	-	2	40	60	100	-	-	-	100
4	25911	Mathematics -I	3	3	4	60	90	150	25	25	50	200
5	25912	Physics-I	3	3	4	60	90	150	25	25	50	200
6	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
7	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
Total			15	18	21	300	450	750	150	150	300	1,050
Total Period					33							
Theory:Practical (Ratio)			45.5%	54.5%								

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2nd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25721	Bangla -II	2	-	2	40	60	100	-	-	-	100
2	25722	English-II	2	-	2	40	60	100	-	-	-	100
3	25811	Social Science	2	-	2	40	60	100	-	-	-	100
4	25812	Physical Education & Life skills Development	-	3	1	-	-	-	25	25	50	50
5	25913	Chemistry	3	3	4	60	90	150	25	25	50	200
6	25921	Mathematics-II	3	3	4	60	90	150	25	25	50	200
7	26721	Electrical Circuits-I	3	3	4	60	90	150	25	25	50	200
8	26821	Electronic Devices and Circuits	3	3	4	60	90	150	25	25	50	200
Total			18	15	23	360	540	900	125	125	250	1,150
Total Period					33							
Theory:Practical (Ratio)			54.5%	45.5%								

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3rd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25922	Physics -II	3	3	4	60	90	150	25	25	50	200
2	25931	Mathematics-III	3	3	4	60	90	150	25	25	50	200
3	28511	Computer Office Application	-	6	2	-	-	-	50	50	100	100
4	26731	Electrical Circuits-II	3	3	4	60	90	150	25	25	50	200
5	26831	Digital Electronics -I	2	3	3	40	60	100	25	25	50	150
6	26832	Power Electronics	2	3	3	40	60	100	25	25	50	150
Total			13	21	20	260	390	650	175	175	350	1,000
Total Period			34									
Theory:Practical (Ratio)			38.2%	61.8%								

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4th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25841	Accounting	2	-	2	40	60	100	-	-	-	100
2	26741	Electrical Installation, Planning and Estimating	3	3	4	60	90	150	25	25	50	200
3	26742	DC Machine	3	3	4	60	90	150	25	25	50	200
4	26841	Digital Electronics -II	2	3	3	40	60	100	25	25	50	150
5	26842	Communication Engineering	2	3	3	40	60	100	25	25	50	150
6	26843	Networks, Filters and Transmission lines	2	3	3	40	60	100	25	25	50	150
7	26844	Electronic servicing	-	3	1	40	-	40	25	25	50	90
Total			14	18	20	320	420	740	150	150	300	1,040
Total Period			32									
Theory:Practical (Ratio)			43.8%	56.3%								

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5th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25851	Principles of Marketing	2	-	2	40	60	100	-	-	-	100
2	25852	Industrial Management	2	-	2	40	60	100	-	-	-	100
3	28567	Programming in C	2	3	3	40	60	100	25	25	50	150
4	26751	Generation of Electrical Power	3	3	4	60	90	150	25	25	50	200
5	26752	Electrical & Electronic Measurements-I	2	3	3	40	60	100	25	25	50	150
6	26851	Television Engineering	2	3	3	40	60	100	25	25	50	150
7	26852	Electronic Appliances	-	3	1	40	60	100				100
8	28654	Bio-Medical Instruments	2	3	3	40	60	100	25	25	50	150
Total			15	18	21	340	510	850	125	125	250	1,100
Total Period					33							
Theory:Practical (Ratio)			45.5%	54.5%								

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6th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	26761	AC Machine-I	3	3	4	60	90	150	25	25	50	200
2	26762	Transmission and Distribution of Eectrical Power-I	3	3	4	60	90	150	25	25	50	200
3	26763	Electrical & Electronic Measurements-II	2	3	3	40	60	100	25	25	50	150
4	26861	TV Studio and Broadcasting	2	3	3	40	60	100	25	25	50	150
5	26862	Microcontroller and Embedded System	2	3	3	40	60	100	25	25	50	150
6	26863	PCB Design and Prototyping	-	3	1	-	-	-	25	25	50	50
7	29041	Environmental Studies	2	3	3	40	60	100	25	25	50	150
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period					35							
Theory:Practical (Ratio)			40.0%	60.0%								

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7th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25831	Business Communication	2	-	2	40	60	100	-	-	-	100
2	25853	Innovation & Entrepreneurship	2	-	2	40	60	100	-	-	-	100
3	26771	AC Machine-II	3	3	4	60	90	150	25	25	50	200
4	26772	Transmission and Distribution of Ellectrical Power-II	3	3	4	60	90	150	25	25	50	200
5	26871	Microwave Radar and Navigation Aids	2	3	3	40	60	100	25	25	50	150
6	26872	Industrial Automation and PLC	2	3	3	40	60	100	25	25	50	150
7	26873	Control System and Robotics	2	3	3	40	60	100	25	25	50	150
8	26874	Electronic Project	-	3	1	-	-	-	25	25	50	50
Total			16	18	22	320	480	800	150	150	300	1,100
Total Period			34									
Theory:Practical (Ratio)			47.1%	52.9%								

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8th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	26881	Industrial Attachement	-	24	8	-	-	-	200	200	400	400
2		Project Presentation	-	12	4	-	-	-	100	100	200	200
3					-	-	-	-	-	-	-	-
4					-	-	-	-	-	-	-	-
5					-	-	-	-	-	-	-	-
Total			-	36	12	-	-	-	300	300	600	600
Total Period			36									
Theory:Practical (Ratio)			0.0%	100.0%								

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Summary Structure (All Semester)

Sl. No	Semester	Period Per Week		Credit	Marks Distribution						
		Theory	Practical		Theory Assessment			Practical Assessment			Grand Total
					Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	15	18	21	300	450	750	150	150	300	1,050
2	2nd Semester	18	15	23	360	540	900	125	125	250	1,150
3	3rd Semester	13	21	20	260	390	650	175	175	350	1,000
4	4th Semester	14	18	20	320	420	740	150	150	300	1,040
5	5th Semester	15	18	21	340	510	850	125	125	250	1,100
6	6th Semester	14	21	21	280	420	700	175	175	350	1,050
7	7th Semester	16	18	22	320	480	800	150	150	300	1,100
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		105	165	160	2,180	3,210	5,390	1,350	1,350	2,700	8,090
Total Period		270									
Theory:Practical (Ratio)		38.9%	61.1%								