

Course Structure of Diploma In Engineering Probidhan-2022 (Electrical Allied)

Name of Technology: Electronics

Electronics Technology (68)

1st Semester

Sl. No.	Subject Code & Name		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	1050
Total Period					33							
Theory:Practical (%)			45.5%	54.5%								

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2nd Semester

Sl. No.	Subject Code & Name		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	1150
Total Period					33							
Theory:Practical (%)			54.5%	45.5%								

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3rd Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	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	1000
Total Period			34									
Theory:Practical (%)			38.2%	61.8%								

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4th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	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	1040
Total Period			32									
Theory:Practical (%)			43.8%	56.3%								

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5th Semester

Sl. No.	Subject Code & Name		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	1100
Total Period					33							
Theory:Practical (%)			45.5%	54.5%								

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6th Semester

Sl. No.	Subject Code & Name		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 Electrical 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	1050
Total Period					35							
Theory:Practical (%)			40.0%	60.0%								

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7th Semester

Sl. No.	Subject Code & Name		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 Electrical 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	1100
Total Period			34									
Theory:Practical (%)			47.1%	52.9%								

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8th Semester

Sl. No.	Subject Code & Name		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					-	-	-	-	-	-	-	0
4					-	-	-	-	-	-	-	0
5					-	-	-	-	-	-	-	0
Total			-	36	12	-	-	-	300	300	600	600
Total Period			36									
Theory:Practical (%)			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	1050
2	2nd Semester	18	15	23	360	540	900	125	125	250	1150
3	3rd Semester	13	21	20	260	390	650	175	175	350	1000
4	4th Semester	14	18	20	320	420	740	150	150	300	1040
5	5th Semester	15	18	21	340	510	850	125	125	250	1100
6	6th Semester	14	21	21	280	420	700	175	175	350	1050
7	7th Semester	16	18	22	320	480	800	150	150	300	1100
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	8090
Total Period		270									
Theory:Practical (%)		38.9%	61.1%								