

DIPLOMA EE 2017

SEM 1

Code	Subject	L	T	P	Credits
9D.103	Basic Mathematics I	3	0	0	3
9D.106	Basic Physics I	3	0	0	3
9D.104	Basic Chemistry	3	0	0	3
9D.102	Computer fundamental	2	0	0	2
40D.101	Life Skills I	2	0	0	2
9DP.106	Basic Physics Lab	0	0	2	1
9DP.104	Basic Chemistry Lab	0	0	2	1
9DP.107	Workshop Practice I	0	0	4	2
9DP.102	Computer fundamental Lab	0	0	2	1
9DP.105	Basic Engineering Graphics	0	0	4	2
					20

SEM 2

Code	Subject	L	T	P	Credits
9D.154	Basic Mathematics II	3	0	0	3
9D.151	Basic Physics II	3	0	0	3
9D.152	Environmental Science	3	0	0	2
9D.153	Engineering Mechanics	3	0	0	3
9D.155	Basic Electrical & Electronics Engineering.	3	0	0	3
40D.151	Life Skills II	1	2	0	2
9DP.151	Basic Physics II Lab	0	0	2	1
9DP.153	Engineering Mechanics Lab	0	0	2	1
9DP.155	Basic Electrical & Electronics Engineering Lab	0	0	2	1
9DP.156	Workshop Practice II	0	0	4	2
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SEM 3

Code	Subject	L	T	P	Credits
3D.205	Object Oriented Programming	3	0	0	3
6D.201	Electrical Power Generation	3	0	0	3
6D.202	Digital Electronics	3	0	0	3
6D.203	Electrical Circuit & Network	3	0	0	3
6D.205	Electronic Devices & Circuits I	2	0	0	2
9D.204	Applied Mathematics	3	0	0	3
40D.201	Communication & Soft Skills	2	0	0	2
3DP.205	Object Oriented Programming Lab	0	0	2	1
6DP.202	Digital Electronics Lab	0	0	2	1
6DP.205	Electronic Devices & Circuits I Lab	0	0	2	1
40.101	Life Skills*(Lateral)	2	0	0	0
14D.201	DISASTER MANAGEMENT	3	0	0	0
					22

SEM 4

Code	Subject	L	T	P	Credits
6D.251	Transmission & Distribution of Electric Power	3	0	0	3
6D.252	Applied Electronics	3	0	0	3
6AD.257	Instrumentation & Measurement	3	0	0	3
6D.254	DC Machine & Transformer	3	0	0	3
6D.255	Electronic Devices & Circuit II	3	0	0	3
6D.256	Microprocessor and Interfacing	2	0	0	2
40D.251	Professional Skills	2	0	0	2
6DP.254	DC Machine & Transformer Lab	0	0	2	1
6DP.255	Electronic Devices & Circuit II Lab	0	0	2	1
6DP.256	Microprocessor and Interfacing Lab	0	0	2	1
40D.151	Life Skills II*(Lateral)				0
					22

SEM 5					
Code	Subject	L	T	P	Credits
6D.301	Switch Gear and Protection	3	0	0	3
6D.302	AC Machine	3	0	0	3
6AD.307	Power Electronics	3	0	0	3
6D.304	Extra High Voltage Transmission	3	0	0	3
6AD.308	Embedded system	2	0	0	2
6DP.302	AC Machine Lab	0	0	2	1
6ADP.307	Power Electronics Lab	0	0	2	1
40D.401	**Seminar in Executive Communication	0	2	0	0
					16

SEM 6					
Code	Subject	L	T	P	Credits
6AD.354	Electrical Installation	3	0	0	3
6AD.356	Electrical Drives	3	0	0	3
6AD.355	Control Engineering	3	0	0	3
7D.351	Principle of Management	3	0	0	3
6D.395	Project	0	0	10	5
6ADP.355	Control Engineering Lab	0	0	2	1
6ADP.353	Electrical Drives Lab	0	0	2	1
40D.451	Human Values & Ethics **	0	2	0	0
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Total Credits				120
Semester 1				20
Semester 2				22
Semester 3				21
Semester 4				22
Semester 5				16
Semester 6				19