

## Government Polytechnic, Aurangabad.

(An autonomous Institute of Govt. of Maharashtra)

**Programme Curriculum Structure (6th Revision : Outcome Based Education - 2017-18)**

**Name of Programme : DIPLOMA IN ELECTRICAL ENGINEERING**

### First Semester Courses

sr. no.	course code	course Name	Teaching Scheme/Credits				Examination Scheme (Maximum Marks)						Theory Exam Hours	Compulsory /Optional
			Theory	Practical	Tutorial	Total Credit	PT	TH	PR	OR	PA (TW)	Total		
1	6G101	Basic Mathematics	3	-	1	4	20	80	-	-	-	100	3	Compulsory
2	6G103	Engineering Physics	3	2	-	5	20~	80~	25@	-	25	150	2	Compulsory
3	6G201	Engineering Graphics	2	2	-	4	-	-	50@	-	50	100	-	Compulsory
4	6G203	Basics of Computer System	-	2	-	2	-	-	25@	-	25	50	-	Compulsory
5	6G301	English	2	2	-	4	20	80	-	-	25	125	3	Compulsory
6	6G303	Development of Life Skills	-	2	-	2	-	-	-	25@	25	50	-	Compulsory
7	6G304	Environmental Science	-	2	-	2	-	-	-	-	50	50	-	Compulsory
<b>Total</b>			<b>10</b>	<b>12</b>	<b>1</b>	<b>23</b>	<b>60</b>	<b>240</b>	<b>100</b>	<b>25</b>	<b>200</b>	<b>625</b>	<b>-</b>	<b>-</b>

Legends : L-Lecture; T-Tutorial/Teacher Guided Theory Practice ; P- Practical; C- Credits; ESE- End Semester Examination; PT – Progressive Test, PA- Progressive Assessment, OR – Oral Examination, PR- Practical Examination ; TW - Term Work, # External, @ Internal, ~ Online.

**HOD Electrical Engg. Dept.**  
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### Second Semester Courses

sr. no.	course code	course Name	Teaching Scheme/Credits				Examination Scheme (Maximum Marks)						Theory Exam Hours	Compulsory /Optional
			Theory	Practical	Tutorial	Total Credit	PT	TH	PR	OR	PA (TW)	Total		
1	6G102	Engineering Mathematics	3	-	1	4	20	80	-	-	-	100	3	Compulsory
2	6G104	Engineering Chemistry	3	2	-	5	20~	80~	25@	-	25	150	2	Compulsory
3	6G202	Workshop Practice	-	3	-	3	-	-	-	-	50	50	-	Compulsory
4	6E201	Basics of Electrical Engineering	4	2	-	6	20	80	25@	-	25	150	3	Compulsory
5	6E202	Fundamentals of Electronics	4	2	-	6	20	80	25@	-	25	150	3	Compulsory
6	6E207	Elements of Mechanical Engineering	2	2	-	4	-	-	-	25@	25	50	-	Compulsory
7	6G302	Communication Skill	1	2	-	3	-	-	-	25@	50	75	-	Compulsory
8	6G311 Onwards	Non exam credit course(one course to be opted)	-	2	-	2	-	-	-	-	-	-	-	Optional
<b>Total</b>			<b>17</b>	<b>15</b>	<b>1</b>	<b>33</b>	<b>80</b>	<b>320</b>	<b>75</b>	<b>50</b>	<b>200</b>	<b>725</b>	<b>-</b>	<b>-</b>

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