



University of Global Village (UGV)

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Course Structure of B.Sc in Electrical & Electronic Engineering (EEE) (Evening Program)

1 st SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 001	Basis Electrical & Electronics	2
2	EEE 002	Basis Electrical & Electronics Lab	1
3	ED 101	Engineering Drawing	1
4	EEE 101	Electrical Circuits-I	3
5	EEE 102	Electrical Circuits-I Lab	1
6	CSE 101	Basic C & Data Structure	3
7	CSE 102	Basic C & Data Structure Lab	1
8	MAT 101	Mathematics-I	3
9	ENG 902	Basic English	3
10	PHY 101	Physics-I	3
11	PHY 102	Physics-I Lab	1
12	BDS-907	Bangladesh Studies	2
Total			24

2 nd SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 103	Electrical Circuits-II	3
2	EEE 104	Electrical Circuits-II Lab	1
3	ETE 201	Electronics-I	3
4	ETE 202	Electronics -I Lab	1
5	MAT 103	Mathematics-II	3
6	ENG 102	Composition & Communication Skills	3
7	PHY 103	Physics-II	3
8	PHY 104	Physics-II Lab	1
9	CHE 101	Chemistry	3
10	CHE 102	Chemistry Lab	1
11	HUM 107	History of the emergence of independent Bangladesh	2
Total			24

3rd SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 301	Signals and Systems	3
2	EEE 203	Electronics-II	3
3	EEE 204	Electronics-II Lab	1
4	ME 201	Mechanical Engineering Fundamentals	3
5	ME 202	Mechanical Engineering Fundamentals Lab	1
6	ME 203	Workshop practice	1
7	CSE 201	Computer Fundamentals	3
8	CSE 202	Computer Fundamentals Lab	1
9	MAT 201	Mathematics-III	3
10	PHI 301	Values & Ethics in profession	2
11	SOC 301	Sociology	2
12	MGT 401	Industrial Management	2
Total			25

4th SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 207	Digital Electronics	3
2	EEE 208	Digital Electronics Lab	1
3	EEE 309	Control Systems	3
4	EEE 310	Control Systems Lab	1
5	EEE 303	Electromagnetic Fields and Waves	3
6	EEE 304	Electromagnetic Fields and Waves Lab	1
7	EEE 311	Semiconductor Devices	3
8	EEE 312	Semiconductor Devices Lab	1
9	EEE 305	Communication Theory	3
10	EEE 306	Communication Theory Lab	1
11	MAT 105	Mathematics-IV	3
Total			23

5th SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 205	Electrical Machine-I	3
2	EEE 206	Electrical Machine Lab - I	1
3	EEE 307	Digital Signal Processing	3
4	EEE 308	Digital Signal Processing Lab	1
5	EEE 319	Power Electronics	3
6	EEE 320	Power Electronics Lab	1
7	EEE 321	RF & Microwave Engineering	3
8	EEE 322	Power System-I (Transmission & Distribution)	3
9	MAT 203	Mathematics-V	3
Total			21

6th SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 401	VLSI Design	3
2	EEE 402	VLSI Design Lab	1
3	EEE 209	Electrical Machine-II	3
4	EEE 210	Electrical Machine Lab - II	1
5	EEE ***	Technical Elective	3
6	EEE ***	Technical Elective	3
7	EEE ***	Technical Elective	3
8	EEE***	Technical Elective	3
Total			20

7th SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	ACT 201	Financial Management & Accounting	2
2	EEE***	Technical Elective	3
3	EEE ***	Technical Elective	3
4	EEE ***	Technical Elective	3
5	EEE ***	Technical Elective	3
6	EEE ***	Technical Elective	3
Total			17

8th SEMESTER			
Sl. No.	Course Code	Course Title	Credits
1	EEE 400	Project and Thesis	6
2	EEE 413	Internship	3
Total			9

Total Credits for Eight Semester = 163