![Galgotias University Logo]

GALGOTIAS UNIVERSITY
(Under the Uttar Pradesh Private Universities Act No. 12 of 2019)

Plot No. 2, Sector - 17A, Yamuna Expressway, Greater Noida, Distt.: Gautam Budha Nagar, Uttar Pradesh (India) 203201
Website : www.galgotiasuniversity.edu.in

School Name: School of Engineering

Department Name: Department of Electrical, Electronics & Communication

EngineeringProgram Name: B.Tech. (Electrical & Electronics Engineering)

Scheme: 2018-2022

SEMESTER I						
Sl. No.	**Course Code**	**Course Title**	**L**	**T**	**P**	**C**
1	BTEE1001	Introduction to Electrical Engineering	0	0	2	1
2	BCSE1002	Computer Programming and Problem Solving	0	0	4	2
3	MATH1005	Multivariable Calculus	3	0	0	3
4	MATH1007	Exploration with CAS-I	0	0	2	1
5	SLBT1011	English Proficiency and Aptitude Building-1	0	0	4	2
6	BTME1003	Product Manufacturing	0	0	2	1
7	PSSO1001	Psychology and Sociology	2	0	0	2
8	ENVS1001	Environmental Science	3	0	0	3
9	BEEE1002	Basic Electrical and Electronics Engineering	3	0	0	3
10	BEEE1003	Basic Electrical and Electronics Engineering Lab	0	0	2	1
11	JAPA1001	Japanese-I	0	0	2	1
	FREN1001	French-I				
	GERN1001	German-I				
		TOTAL				22
SEMESTER II						
Sl. No.	**Course Code**	**Course Title**	**L**	**T**	**P**	**C**
1	BCSE1003	Aplication Oriented Programming using Python	0	0	4	2
2	SLBT1012	English Proficiency and Aptitude Building-2	0	0	4	2
3	MATH1006	Linear Algebra and Differential Equations	3	0	0	3
4	MATH1008	Exploration with CAS-II	0	0	2	1
5	PHYS1001	Engineering Physics	3	0	0	3
6	PHYS1002	Engineering Physics Lab	0	0	2	1
7	BTME1002	Product Design using Graphics	0	0	4	2
8	CHEM1001	Engineering Chemistry	3	0	0	3
9	CHEM1002	Engineering Chemistry Lab	0	0	2	1
10	UHVE1001	Universal Human Values and Ethics	0	0	4	2
11	JAPA1002	Japanese-II	0	0	2	1
	FREN1002	French-II				
	GERN1002	German-II				
		TOTAL				21

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SEMESTER III

Sl. No.	Course Code	Course Title	L	T	P	C
1	MATH2008	Functions of complex variables and Transforms	3	1	0	4
2	BEEE2001	Electrical Measurement and Instrumentation	3	0	0	3
3	BECE2010	Digital Electronics	3	0	0	3
4	BTEE2002	Network Analysis and Synthesis	3	0	0	3
5	BTEE2003	Network Analysis and Synthesis Lab	0	0	2	1
6	BECE2016	Signals and System	3	0	0	3
7	BTME2001	Engineering Mechanics	3	0	0	3
8	BEEE2005	Project Based Learning -1	0	0	2	1
9	SLBT2021	English Proficiency and Aptitude Building-2	0	0	4	2

SEMESTER IV

Sl. No.	Course Code	Course Title	L	T	P	C
1	MATH2004	Probability and Stochastic Processes	3	0	0	3
2	BECE2012	Electromagnetic Field Theory	3	0	0	3
3	BEEE2006	Electrical Machine-I	3	0	0	3
4	BEEE2007	Electrical Machine-I lab	0	0	2	1
5	BEEE2009	EEE project based learning-2	0	0	2	1
6	BEEE9001	Disruptive Technologies	3	0	0	3
7	BTEE9003	Data Structure using C/C++	0	0	2	0
8	BCSE9006	AI and ML using Python	0	0	2	1
9	SLBT2022	English Proficiency and Aptitude Building - 3	0	0	4	2
10	BEEE6003	Program Elective-1/Renewable energy	3	0	0	3
11	BTEE2008	Fundamentals of Power System	3	0	0	3

SEMESTER V

Sl. No.	Course Code	Course Title	L	T	P	C
1	BEEE3002	Control system	3	0	0	3
2	BTEE3003	Instrumentation and Control Systems Lab	0	0	2	1
3	BTEE3004	Electrical Machine-II	3	0	0	3
4	BTEE3005	Electrical Machine-II Lab	0	0	2	1
5	BEEE3021	Analog Electronics Circuit	3	0	0	3
6	BEEE3022	Analog Electronics Circuit Lab	0	0	2	1
7	BTEE3006	EEE Project Based Learning-3	0	0	2	1
8	SLBT3001	English Proficiency and Aptitude Building – 4	0	0	4	2
9	BTMG3001	Entrepreneurship	3	0	0	3
10	BTEE3015	Power Plant Engineering(PE1)	3	0	0	3
11	BTEE3008	ITS-1 PLC/SCADA	0	0	2	2

SEMESTER VI

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Sl. No.	Course Code	Course Title	L	T	P	C
1	BTEE3009	Power System Analysis	3	0	0	3
2	BECE3004	Microcontroller and Embedded system	3	0	0	3
3	BECE3005	Microcontroller and Embedded Systems Lab	0	0	2	1
4	BTEE3013	Power System Protection and Switchgear	3	0	0	3
5	BTEE3012	Project Based Learning-4	0	0	2	1
6	SLBT3002	Campus to Corporate	0	0	4	2
7	********	Program Elective-2 (Basket-2)	3	0	0	3
8	BTEE3020	Industrial Automation and Control	3	0	0	3
9	BTEE3011	Power Electronics	3	0	0	3
	Total					21

SEMESTER VII

Sl. No.	Course Code	Course Title	L	T	P	C
1	BEEE4002	Power Electronics and Drives Lab	0	0	2	1
2	BTEE9998	Capstone Design-I	0	0	10	2
3	BTEE4001	Electric Drives	3	0	0	3
4	BTEE4002	Seminar	0	0	0	0
5	********	Program Elective-3 (Basket-3)	3	0	0	3
6	********	Program Elective-4 (Basket-3)	3	0	0	3
7	BTMG4001	Principles of Marketing	3	0	0	3
8	BEEE4001	Smart Grid and Energy management	3	0	0	3
	Total					18

SEMESTER VIII

Sl. No.	Course Code	Course Title	L	T	P	C
1	BTEE9999	Capstone Design	0	0	18	9
2	BTEE4008	Comprehensive Examination	0	0	2	1