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: 2017-2021

SEMESTER I						
Sl. No.	Course Code	Course Title	L	T	P	C
1	BEEE1001	Introduction to Electrical & Electronics Engineering	0	0	2	1
2	BCSE1002	Computer Programming and Problem Solving	0	0	4	2
3	MATH1001	Multivariable Calculus	3	0	0	3
4	MATH1002	Exploration with CAS-I	0	0	2	1
5	PHYS1001	Engineering Physics	3	0	0	3
6	PHYS1002	Engineering Physics Lab	0	0	2	1
7	ENVS1001	Environmental Science	2	0	0	2
8	BTME1003	Product Manufacturing	0	0	2	1
9	BEEE1002	Basic Electrical and Electronics Engineering	2	1	0	3
10	BEEE1003	Basic Electrical and Electronics Engineering Lab	0	0	2	1
11	SLBT1001	Basic English	0	0	4	2
12	PSSO1001	Psychology and Sociology	2	0	0	2
13	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	CHEM1001	General Chemistry	3	0	0	3
3	CHEM1002	General Chemistry Lab	0	0	2	1
4	MATH1003	Matrices and Differential Equations	3	0	0	3
5	MATH1004	Exploration with CAS-II	0	0	2	1
6	PHYS1004	Physics of Semiconductor Devices	3	0	0	3
7	PHYS1005	Advanced Physics Lab	0	0	2	1
8	BTME1002	Product Design using Graphics	0	0	4	2
9	UHVE1001	Universal Human Values and Ethics	0	0	4	2
10	SLBT1002	English Proficiency and Aptitude Building-1	0	0	4	2
11	JAPA1002	Japanese-II	0	0	2	1

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	FREN1002	French-II				
	GERN1002	German-II				
		TOTAL				23

SEMESTER III

Sl. No.	Course Code	Course Title	L	T	P	C
1	MATH2001	Functions of complex variables and transforms	3	0	0	3
2	BEEE2001	Electrical Measurement and Instrumentation	3	0	0	3
3	BECE2010	Digital Electronics	3	0	0	3
4	BECE2002	Network Analysis and Systems	3	0	0	3
5	BECE2003	Network Analysis and Systems Lab	0	0	2	1
6	BECE2016	Signal and systems	3	0	0	3
7	BTME2001	Engineering Mechanics	3	0	0	3
8	BTEE2005	Electrical and Electronics Engineering Project Based Learning -1	0	0	2	1
9	SLBT2001	English Proficiency and Aptitude Building-2	0	0	4	2

SEMESTER IV

Sl. No.	Course Code	Course Title	L	T	P	C
1	BEEE6003	Renewable Energy	3	0	0	3
2	BTEE2006	Electrical Machine-I	3	0	0	3
3	BECE2012	Electromagnetic Field Theory	3	0	0	3
4	BTME2002	Engineering Thermodynamics	3	0	0	3
5	MATH2004	Probability and Stochastic Processes	3	0	0	3
6	BTEE2009	EE Project Based Learning - II	0	0	2	1
7	BTEE2007	Electrical Machine-I lab	0	0	2	1
8	SLBT2002	Soft Skill - 4 (English Proficiency andAptitude Building - 3)	0	0	4	2

SEMESTER V

Sl. No.	Course Code	Course Title	L	T	P	C
1	BTEE2008	Fundamentals of Power System	3	0	0	3
2	BEEE3002	Control Systems	3	0	0	3
3	BEEE3025	Control Systems Lab	0	0	2	1
4	BTEE3004	Electrical Machine-II	3	0	0	3
5	BTEE3005	Electrical Machine-II lab	0	0	2	1
6	BEEE3029	EEE PBL-3	0	0	2	1
7	SLBT3001	English Proficiency and Aptitude Building - 4	0	0	4	2
8	BECE2015	Electronics Devices and Circuits	3	0	0	3
9	BEEE3008	ITS-1 PLC/SCADA	0	0	4	2
10	BEEE3021	Analog Electronics Circuit	3	0	0	3
11	BEEE3022	Analog Electronics Circuit Lab	0	0	2	1

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Sl. No.	Course Code	Course Title	L	T	P	C
	Total Credits					23
SEMESTER VI						
1	BTEE3009	Power system Analysis	3	0	0	3
2	BEEE9004	Minor Project	0	0	2	1
3	BECE3022	Embedded and Iot Systems	3	0	0	3
4	BECE3023	Embedded and Iot Systems Lab	0	0	2	1
5	BECE2009	Integrated circuit Lab	0	0	2	1
6	BECE2008	Integrated circuit	3	0	0	3
7	BEEE5005	power system Operation and control	3	0	0	3
8	SLBT3002	Campus to Corporate	0	0	4	2
9	BEEE9001	Disruptive Technologies	3	0	0	3
10	BCSE9006	AI and ML using Python Lab	0	0	2	1
11	BEEE3014	Simulation using MATLAB	0	0	2	1
		TOTAL NO. OF CREDITS				22
SEMESTER VII						
1	BEEE9998	Capstone Design – 1	0	0	6	3
2	BTEE4001	Electric Drives	3	0	0	3
3	BEEE4002	Power Electronics and Drives Lab	0	0	2	1
4	BTEE3013	Power system protection and Switchgear	3	0	0	3
5	BEEE4003	Analog and Digital Communication	3	0	0	3
6	BEEE4004	Analog and Digital Communication Lab	0	0	2	1
7	BEE03P4003	Industrial Internship	0	0	2	1
8	BTMG4001	Principles of Marketing	3	0	0	3
9	BTEE3011	Power Electronics(PE4)	3	0	0	3
10	BEEE4001	Smart Grid and Energy Management(PE5)	3	0	0	3
SEMESTER VIII						
1	BTEE9999	Capstone Design	0	0	18	9
2	BTEE4008	Comprehensive Examination	0	0	2	0