GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DC 007255

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate cum Consolidated Memorandum of Grades
Bachelor of Technology
(Electronics and Communication Engineering)

This is to certify that Mr./Ms. **Bejawada Phaneendra** has qualified himself/herself for the award of the Degree of *Bachelor of Technology* in *Electronics and Communication Engineering* in this Deemed to be University, he/she having been declared to have passed the Examination prescribed therefor held in *June 2020* in **First Class with Distinction** and that he/she has done all that is necessary for the formal presentation of the *B.Tech Degree*

The following grades were awarded to the candidate:

S.No.	Name of the Course	Credits	Grade	GPA	S.No.	Name of the Course	Credits	Grade	GPA
	First Semester			8.23		**Second Semester**			8.00
1	Engineering Mathematics-I	3	O		9	Engineering Mathematics-II	3	A+	
2	Communicative English - I	4	B		10	Communicative English-II	4	B+	
3	Engineering Physics	3	A		11	Solid State Physics	3	B+	
4	Engineering Chemistry	3	A+		12	Basic Electrical Engineering	3	A	
5	Programming with C	3	B		13	Electrical Circuit Theory and Analysis	3	A	
6	Workshop	2	O		14	Object Oriented Programming with C++	3	B	
7	Engineering Physics Lab	2	A+		15	Engineering Graphics	3	O	
8	Programming with C Lab	2	O		16	Electrical and Electronics Workshop	2	A+	
					17	Engineering Chemistry Lab	2	A+	
	Third Semester			8.30		**Fourth Semester**			8.44
18	Complex Variables and Transforms	3	B+		26	Probability Theory and Random Processes	3	A	
19	Signals and Systems	3	B+		27	Analog Electronic Circuits	3	A	
20	Electronic Devices and Circuits	4	B+		28	Linear Integrated Circuits	4	A	
21	Digital Logic Design	3	A+		29	Analog Communications	3	A+	
22	Electromagnetic Waves	4	A+		30	Introduction to Database Management Systems	3	A	
23	Digital Logic Design Lab	2	O		31	Environmental Studies	3	A	
24	Electronic Devices and Circuits Lab	2	A+		32	Analog Electronic Circuits Lab	2	A+	
25	Basic Electrical Engineering Lab	2	O		33	Analog Communications Lab	2	A+	
					34	Circuit Design And Simulation Lab	2	O	

PTO

S.No.	Name of the Course	Credits	Grade	GPA	S.No.	Name of the Course	Credits	Grade	GPA
	Fifth Semester			8.44		**Sixth Semester**			8.44
35	Control Systems Engineering	4	O		44	Microprocessors and Interfacing	3	B+	
36	Digital Signal Processing	3	A		45	Engineering Economics and Management	3	A	
37	Antennas and Wave Propagation	3	B+		46	Computational Methods in ECE	3	A+	
38	Digital Communications	3	B+		47	Computer Organization and Design	3	A	
39	Transmission Lines and Waveguides	3	A		48	Fundamentals of Data Structures	3	A	
40	Professional Communication	3	B+		49	EMI and EMC Techniques	3	B+	
41	Digital Communications Laboratory	2	O		50	Microprocessors Laboratory	2	O	
42	Digital Signal Processing Laborator	2	O		51	Modern Communications Laboratory	2	O	
43	Linear Integrated Circuits Laborator	2	O		52	Computational Mechanics Laboratory in ECE	2	O	
					53	Seminar	1	O	
	Seventh Semester			9.12		**Eighth Semester**			9.21
54	Basic VLSI Design	3	A+		64	Embedded Systems	3	A+	
55	Microwave Engineering	3	A+		65	Global Positioning Systems	3	A	
56	Optical Communications	3	A+		66	Introduction to Computer Networks	3	A	
57	Satellite Communication	3	A+		67	Comprehensive Viva	2	O	
58	Electronic Measurements and Instrumentation	3	A		68	Project Work	8	O	
59	Professional Ethics and Human Values	1	A+						
60	Mini Project	2	O						
61	VLSI Design Laboratory	2	O						
62	Design Practice in Electronics & Communication Engineering	3	A+						
63	Summer Internship	2	O						
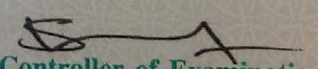
Cumulative Credits	Cumulative Grade Points	Cumulative Grade Point Average	Result
190	1616	8.51	**First Class with Distinction**

Prepared by :

Verified by :

Visakhapatnam

Date: 26-06-2020

Controller of Examinations

Classification of Class

First Class with Distinction	≥8.0*
First Class	≥6.5
Second Class	≥5.5
Pass	≥5.0

Grade/Grade Points

Grade	O	A+	A	B+	B	C	P	F
Grade Points	10	9	8	7	6	5	4	0
% of Marks	90 & above	80-89	70-79	60-69	50-59	45-49	40-44	0-39

* In addition to the required CGPA of 8.0, or more, the student must have necessarily passed all the courses of the every semester in first attempt.

$$\text{Grade Point Average (GPA)} = \frac{\sum [C \times G]}{\sum C},$$

Where C= Number of credits for the course
G= Grade points obtained by the student in the course