Endt. No. GITAM/DOE/PCMG/B.Tech/2020

Regd. No. 3210316209

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DC 010662

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

Provisional Certificate cum Consolidated Memorandum of Grades
Bachelor of Technology
(Computer Science and Engineering)

This is to certify that Mr./Ms. **Santhosh.B** has qualified himself/herself for the award of the Degree of **Bachelor of Technology in Computer Science and Engineering** in this Deemed to be University, he/she having been declared to have passed the Examination prescribed therefor held in **July 2020** in **Second Class** 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			6.35		**Second Semester**			5.54
1	Engineering Mathematics-I	3	C		10	Engineering Mathematics-II	3	C	
2	Communicative English - I	4	B		11	Communicative English-II	4	P	
3	Engineering Physics	3	B		12	Solid State Physics	3	C	
4	Engineering Chemistry	3	B		13	Data Structures with C	4	P	
5	Programming with C	3	B+		14	Fundamentals of Digital Logic Circuits	4	B	
6	Basic Electronics Engineering	3	C		15	Workshop	2	A	
7	Engineering Graphics	3	B		16	Data Structures with C Lab	2	A	
8	Programming with C Lab	2	A+		17	Digital Circuits Lab	2	B+	
9	Engineering Chemistry Lab	2	A+		18	Engineering Physics Lab	2	B	
	Third Semester			6.13		**Fourth Semester**			5.39
19	Probability and Statistics	3	C		27	Numerical Methods	3	P	
20	Object Oriented Programming with C++	3	B		28	German for Beginners	3	B	
21	Computer Organization and Architecture	4	C		29	Environmental Studies	3	B+	
22	Data Communications	4	C		30	Programming with JAVA	3	C	
23	Programming Language Pragmatics	3	B		31	Operating Systems	3	P	
24	C++ Lab	2	A		32	Computer Networks	4	C	
25	UNIX Programming Lab	2	A		33	Programming with JAVA Lab	2	C	
26	Computer Engineering Workshop	2	A+		34	Operating Systems Lab	2	A	

S.No.	Name of the Course	Credits	Grade	GPA	S.No.	Name of the Course	Credits	Grade	GPA
	Fifth Semester			6.08		**Sixth Semester**			6.33
35	Personality Development	3	A		43	Data Mining and Data Warehousing	3	B	
36	Engineering Economics and Management	3	A		44	Mobile Computing	3	B+	
37	Database Management Systems	4	B		45	Business Ethics and Corporate Governance	3	B+	
38	Software Engineering	3	B		46	Web Technologies	3	B	
39	Design and Analysis of Algorithms	3	P		47	Artificial Intelligence	4	P	
40	Formal Languages and Automata Theory	4	P		48	Compiler Design	3	B	
41	Database Management Systems Laboratory	2	B+		49	Web Technologies Laboratory	2	A	
42	Unified Modeling Language Laboratory	2	B+		50	Compiler Design Laboratory	2	A	
					51	Seminar	1	A	
	Seventh Semester			6.64		**Eighth Semester**			7.26
52	Cloud Computing	3	B		61	Real Time Systems	3	B+	
53	Big Data Analytics	3	B+		62	Internet of Things	3	B	
54	Project Management	3	B+		63	Operations and Supply Chain Management	3	B+	
55	Machine Learning	4	B		64	Comprehensive Viva	2	B+	
56	Cryptography and Network Security	4	P		65	Project Work	8	A	
57	Professional Ethics and Human Values	1	B						
58	Integrated Development Environment	3	A						
59	Mini Project	2	A+						
60	Summer Internship	2	A+						

Cumulative Credits	Cumulative Grade Points	Cumulative Grade Point Average	Result
190	1176	6.19	Second Class

Prepared by :   Verified by :

Visakhapatnam
Date: 27-08-2020

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.

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

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