GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DC 023736

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. **Elluru Mohith Reddy** 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 **April 2022** in **First Class with Distinction** and that he/she has done all that is necessary for the formal presentation of the **B.Tech Degree**
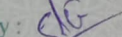
The following grades were awarded to the candidate:

S.No.	Name of the Course	Credits	Grade	GPA	S.No.	Name of the Course	Credits	Grade	GPA
	First Semester			7.77		**Second Semester**			8.65
1	Engineering Mathematics-I	3	O		10	Engineering Mathematics-II	3	A+	
2	Communicative English-I	4	B+		11	Communicative English -II	4	B+	
3	Engineering Physics	3	B+		12	Solid State Physics	3	A	
4	Engineering Chemistry	3	B+		13	Data Structures with C	4	A+	
5	Programming with C	3	B		14	Fundamentals of Digital Logic Circuits	4	A	
6	Basic Electronics Engineering	3	B		15	Workshop	2	A+	
7	Engineering Graphics	3	O		16	Data Structures with C Lab	2	O	
8	Programming with C Laboratory	2	A+		17	Digital Circuits Lab	2	O	
9	Engineering Chemistry Laboratory	2	A+		18	Engineering Physics Lab	2	O	
	Third Semester			7.87		**Fourth Semester**			8.00
19	Probability and Statistics	3	A		27	Discrete Mathematical Structures	3	A+	
20	Object Oriented Programming with C++	3	A		28	Analytical Essay writing	3	A	
21	Computer Organization and Architecture	4	B+		29	Environmental Studies	3	A	
22	Data Communications	4	B+		30	Programming with JAVA	3	B+	
23	Programming Language Pragmatics	3	B+		31	Operating Systems	3	A	
24	C++ Laboratory	2	A+		32	Computer Networks	4	B+	
25	UNIX Programming Laboratory	2	A+		33	Programming with JAVA Laboratory	2	A	
26	Computer Engineering Workshop	2	O		34	Operating Systems Laboratory	2	O	

S.No.	Name of the Course	Credits	Grade	GPA	S.No.	Name of the Course	Credits	Grade	GPA
	Fifth Semester			8.29		**Sixth Semester**			8.38
35	Science and Technology	3	A+		43	Advanced Computer Networks	3	A	
36	Engineering Economics and Management	3	A+		44	Mobile Computing	3	A	
37	Database Management Systems	4	A		45	Business Ethics and Corporate Governance	3	A+	
38	Software Engineering	3	B+		46	Web Technologies	3	A	
39	Design and Analysis of Algorithms	3	A		47	Artificial Intelligence	4	B+	
40	Formal Languages and Automata Theory	4	A		48	Compiler Design	3	A+	
41	Database Management Systems Laboratory	2	A+		49	Web Technologies Laboratory	2	A+	
42	Unified Modeling Language Laboratory	2	A+		50	Compiler Design Laboratory	2	O	
					51	Seminar	1	A+	
	Seventh Semester			8.04		**Eighth Semester**			8.26
52	Ethical Hacking	3	A+		61	Real Time Systems	3	A	
53	Software Testing Methodologies	3	A		62	E-Commerce	3	B+	
54	Project Management	3	A		63	Operations and Supply Chain Management	3	A	
55	Professional Ethics and Human Values	1	A+		64	Comprehensive Viva	2	A	
56	Integrated Development Environment	3	A+		65	Project Work	8	A+	
57	Machine Learning	4	B+						
58	Cryptography and Network Security	4	B						
59	Mini Project	2	O						
60	Summer Internship	2	A+						
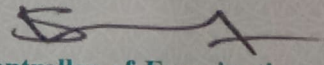
Cumulative Credits	Cumulative Grade Points	Cumulative Grade Point Average	Result
190	1550	8.16	**First Class with Distinction**

Prepared by :

Verified by :

Visakhapatnam
Date: 23-05-2022

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