

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



E11026

GITAM
DEEMED UNIVERSITY
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate cum Consolidated Memorandum of Grades Master of Science (Microbiology)

This is to certify that Mr./Ms. *Koelia Chatterjee* has qualified himself/herself for the award of the Degree of *Master of Science in Microbiology* in this University, he/she having been declared to have passed the Examination prescribed therefor held in *April 2014* in *First Class* and that he/she has done all that is necessary for the formal presentation of the *M.Sc 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					Second Semester				
7.29					8.38				
1	General Microbiology	4	B+		8	Microbial Physiology and Metabolism	4	B+	
2	Virology	4	B+		9	Cell Biology and Genetics	4	A	
3	Biomolecules and Enzymology	4	B		10	Immunology	4	A+	
4	Analytical Techniques	4	B+		11	Molecular Biology	4	A	
5	Practical-I : Microbial Methods	2	A+		12	Practical-III : Microbial Physiology and Immunology	2	O	
6	Practical-II :Analytical Techniques	2	A+		13	Practical-IV : Genetics and Molecular Biology	2	A+	
7	Viva Voce	1	A+		14	Viva voce	1	O	
Third Semester					Fourth Semester				
7.57					8.06				
15	Environmental Microbiology	4	A		22	Fermentation Technology	4	A	
16	Recombinant DNA Technology	4	A		23	Bioinformatics	4	A	
17	Medical Microbiology	4	B		24	Practical-VII Industrial Microbiology & Bioinformatics	2	A	
18	Food & Agricultural Microbiology	4	B+		25	Project	6	A	
19	Practical-V : Genetic Engineering and Food Microbiology	2	A+		26	Viva voce	1	A+	
20	Practical-VI : Diagnostic Microbiology	2	A						
21	Viva Voce	1	A+						

Cumulative Credits	Cumulative Grade Points	Cumulative Grade Point Average	Result
80	625	7.81	First Class

Prepared by : *[Signature]*Verified by : *[Signature]*

Visakhapatnam
Date:05-08-2014

N. Ravi Shankar
Controller of Examinations