



# BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI (INDIA)

RECORD OF ACADEMIC PERFORMANCE IN BACHELOR OF ENGINEERING (COMPUTER SCIENCE)

NAME OF STUDENT : GARIMA MEHTA  
SESSION OF ENROLLMENT IN PROGRAMME : 2012-2013

ROLL NO :  
DATE OF COMPLETION OF PROGRAMME :

COURSE NO	TITLE	CREDITS(S)	GRADE	POINTS	SEM. REG.	ATTEMPT(S)	COURSE NO	TITLE	CREDITS(S)	GRADE	POINTS	SEM. REG.
HUI101	TECHNICAL ENGLISH	3.0	EX	30.0	(MO/12)	1	CS6108	COMPUTER NETWORKING LAB.	2.0	A	16.0	(MO/14)
PH1201	PHYSICS	4.0	EX	40.0	(MO/12)	1	EC4206	MICROPROCESSOR & MICROCONTROLLER LAB	2.0	B	12.0	(MO/14)
MA1201	ENGINEERING MATHEMATICS	4.0	B	24.0	(MO/12)	1	CS8102	ARTIFICIAL INTELLIGENCE LAB.	2.0	B+	14.0	(SP/15)
EE2201	PRINCIPLES OF ELECTRICAL ENGINEERING	4.0	B	24.0	(MO/12)	1	CS6105	COMPIER DESIGN	3.0	B	18.0	(SP/15)
CH1401	ENGINEERING CHEMISTRY	3.0	A	24.0	(MO/12)	1	CS6011	COMPUTER GRAPHICS AND MULTIMEDIA	3.0	B+	21.0	(SP/15)
ME1202	ENGINEERING GRAPHICS	3.0	A+	27.0	(MO/12)	1	CS6109	SOFTWARE ENGINEERING	3.0	B+	21.0	(SP/15)
CS1302	FUNDAMENTALS OF UNIX & C PROGRAMMING	3.0	A	24.0	(MO/12)	1	CS6103	SYSTEM PROGRAMMING	4.0	A	32.0	(SP/15)
PE1202	WORKSHOP PRACTICE	2.0	A+	18.0	(MO/12)	1	PE6009	ENG. ECONOMY	3.0	B+	21.0	(SP/15)
PH1202	PHYSICS LAB	2.0	A+	18.0	(MO/12)	1	CS6106	COMPIER DESIGN LAB.	2.0	B+	14.0	(SP/15)
GA1008	CREATIVE ARTS	1.0	A+	9.0	(MO/12)	1	CS6110	SOFTWARE ENGG. LAB.	2.0	A	16.0	(SP/15)
EC2001	PRINCIPLES OF ELECTRONICS ENGINEERING	3.0	B	18.0	(SP/13)	1	CS6012	COMPUTER GRAPHICS AND MULTIMEDIA LAB.	2.0	A+	18.0	(SP/15)
MA2201	ADVANCED ENGINEERING MATHEMATICS	4.0	B+	28.0	(SP/13)	1	CS5105	SOFT COMPUTING	3.0	B+	21.0	(MO/15)
CI2203	ENVIRONMENTAL SCIENCE	3.0	A	24.0	(SP/13)	1	CS7117	OPTIMIZATION TECHNIQUES	3.0	A	24.0	(MO/15)
CS2301	FUNDAMENTALS OF DATA STRUCTURE	4.0	B+	28.0	(SP/13)	1	MSH1109	ENTREPRENEURSHIP & SMALL BUSINESS MGT.	2.0	A	16.0	(MO/15)
ME2301	PRINCIPLES OF MECHANICAL ENGINEERING	3.0	A+	27.0	(SP/13)	1	CS5106	SOFT COMPUTING LAB	2.0	A+	18.0	(MO/15)
AME231	ENGINEERING MECHANICS	4.0	B+	28.0	(SP/13)	1	CS7014	PROJECT	4.0	B	24.0	(MO/15)
CH1402	CHEMISTRY LAB	2.0	EX	20.0	(SP/13)	1	CS8031	DATA MINING & DATA WAREHOUSING	3.0	A	24.0	(SP/16)
EE3202	BASIC ELECTRICAL ENGINEERING LAB	2.0	A	16.0	(SP/13)	1	CS8029	PARALLEL & DISTRIBUTED SYSTEMS	3.0	B+	21.0	(SP/16)
EC3002	BASIC ELECTRONICS ENGINEERING LAB	2.0	A	16.0	(SP/13)	1	CS7127	SOFTWARE PROJECT MANAGEMENT	3.0	B+	24.0	(SP/16)
CS2302	DATA STRUCTURE LAB	2.0	A+	18.0	(SP/13)	1	CS8014	PROJECT	6.0	A	48.0	(SP/16)
GA2008	CREATIVE ARTS	1.0	A+	9.0	(SP/13)	1						
IE14001	FRENCH	3.0	A	24.0	(SP/14)	1						
MA4189	PROBABILITY, STATISTICS AND NUMERICAL TECHNIQUES	3.0	A	24.0	(SP/14)	1						
CS4265	DATABASE MANAGEMENT SYSTEMS	3.0	B+	21.0	(SP/14)	1						
CS4109	COMPIER SYSTEM ARCHITECTURE	4.0	B	24.0	(SP/14)	1						
CS4107	OPERATING SYSTEM	3.0	A	24.0	(SP/14)	1						
CS4206	DBMS LAB.	2.0	A+	18.0	(SP/14)	1						
MA4110	NUMERICAL TECHNIQUES LAB.	2.0	A	16.0	(SP/14)	1						
CS4108	OPERATING SYSTEM LAB.	2.0	A+	18.0	(SP/14)	1						
GA4008	CREATIVE ARTS	1.0	A+	9.0	(SP/14)	1						
CS3005	OBJECT ORIENTED PROGRAMMING USING JAVA	3.0	B+	21.0	(MO/13)	1						
EC3301	DIGITAL ELECTRONICS	4.0	C	20.0	(MO/13)	1						
CS4101	DISCRETE MATHEMATICAL STRUCTURES	3.0	B+	21.0	(MO/13)	1						
CS6101	DESIGN AND ANALYSIS OF COMPUTER ALGORITHMS	3.0	A	24.0	(MO/13)	1						
BT3021	BIOLOGICAL SCIENCE	3.0	B+	21.0	(MO/13)	1						
CS3006	OBJECT ORIENTED PROGRAMMING LAB	2.0	A	16.0	(MO/13)	1						
EC3202	DIGITAL ELECTRONICS LAB	2.0	A	16.0	(MO/13)	1						
AME202	ENGINEERING MECHANICS LAB	2.0	EX	20.0	(MO/13)	1						
GA3008	CREATIVE ARTS	1.0	A+	9.0	(MO/13)	1						
CS6107	COMPUTER NETWORKS	3.0	B	18.0	(MO/14)	1						
EC4205	MICROPROCESSOR AND MICROCONTROLLER	3.0	B	18.0	(MO/14)	1						
CS5101	FORMAL LANGUAGE & AUTOMATA THEORY	4.0	B	24.0	(MO/14)	1						
CS8101	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS	3.0	A	24.0	(MO/14)	1						
PE5011	PROJECT ENGINEERING	3.0	A	24.0	(MO/14)	1						

CREDITS CREDITED : 179.00

POINTS OBTAINED : 1352.00

C.G.P.A. : 7.55

% OF MARKS IN AGGREGATE : 75.5

CLASS : FIRST YEAR

MO MONSOON : SP SPRING : SS SHORT / SUMMER : WI WINTER : TR BY TRANSFER / LATERAL ENTRY

*Garima Mehta*  
Fabricator

*Garima Mehta*  
Checked By

\*\* For Explanation, Please See Overleaf  
\*\*\* NC - Not Considered For CGPA

**Dr. J. P. Pandey**  
Controller of Examinations  
Birla Institute of Technology  
Mesra-835215 : (Ranchi)

### GENERAL INFORMATION

1. Abbreviation used in the transcript stand for :

NCC	=	Training in National Cadet Corps
NSS	=	Training in National Social Service
CA	=	Creative Arts
PT & Games	=	Physical Training and Games
2. Monsoon Semester = (Mid July to Mid Dec.) of 5 months  
Spring Semester = (Jan. to May) of 5 months  
Short (Summer) Semester = (June to Mid July) 1.5 months
3. To qualify for the degree a student should earn a minimum of 179 credit for BE, 203 credit for BPHARM, 221 credit for BARCH including 1 credit for NCC/NSS/CA/PT & Games.
4. The academic performance of a student is indicated by a letter grade system in the 10 Point scale.
5. Each of the letter grade earns the points as under :

Grade for Credit Course	
Ex :	10.00 Points
A+ :	9.00 Points
A :	8.00 Points
B+ :	7.00 Points
B :	6.00 Points
C :	5.00 Points
D :	4.00 Points
F :	0.00 Points
6. Full Marks for per Course = 100
7. To earn academic credit in a subject, a student should get grading of C or above.
8. CGPA ( Cumulative Grade Point Average ) =  $\frac{\text{Aggregate of Points obtained in all Sem.}}{\text{Total No. of Credit taken}}$   
CGPA is rounded all to 2<sup>nd</sup> decimal place.
9. Conversion of CGPA into percentage marks: Percentage marks = CGPA x 10.
10. The class / division to a successful graduating student is awarded on the basis of :

( i ) CGPA of 7.00 and above	=	First Class with Distinction
( ii ) CGPA of 6.00 to 6.99	=	First Class
( iii ) CGPA of 5.00 to 5.99	=	Second Class

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