

# INDIAN INSTITUTE OF TECHNOLOGY MANDI

## GRADE REPORT

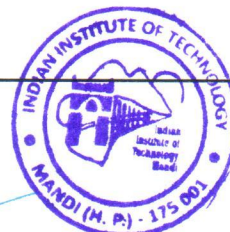
Roll No.: **B09054** Programme: **B.TECH.**  
 Name: **ANSHAY AGARWAL** Branch: **ELECTRICAL ENGINEERING**

Academic Year/ Semester	Course Code	Course Title	Credit	Grade	SGPA	CGPA
2009-10 FIRST	BT 101	FUNDAMENTALS OF BIOTECHNOLOGY	2	B+	8.58	8.58
	EC 101B	FUNDAMENTALS OF OBJECT ORIENTED PROGRAMMING	4	B+		
	EE 101	ELECTRICAL SCIENCE	4	A+		
	HS 101	TECHNICAL COMMUNICATION	2	B		
	MA 101	MATHEMATICS-I	4	A+		
	MI 102	MANUFACTURING TECHNIQUES	3	B+		
	PH 101	PHYSICS-I	5	B+		
2009-10 SECOND	CE 101	ENGINEERING GRAPHICS	4	A+	8.89	8.75
	CE 102	ENVIRONMENTAL STUDIES	2	A+		
	CY 101	CHEMISTRY	5	A		
	DISP	DISCIPLINE	2	A+		
	EC 102	FUNDAMENTALS OF ELECTRONICS	4	A		
	HS 102	BEHAVIORAL SCIENCE	2	C		
	MA 102	MATHEMATICS-II	4	A		
	MI 101	THERMODYNAMICS	3	A+		
	PR 502	NATIONAL SERVICE SCHEME	2	C+		
2010-11 FIRST	CY 241	NANOSCALE SCIENCE AND TECHNOLOGY	3	B	9.32	8.90
	CY 242	INTRODUCTION TO MOLECULAR SPECTROSCOPY	3	O		
	EE 203	NETWORK THEORY	3	O		
	EE 208	DIGITAL ELECTRONICS CIRCUITS	3	O		
	EE 208P	DIGITAL ELECTRONICS LAB	1	A		
	ME 204	MATERIALS SCIENCE	3	A		
	PH 201	PHYSICS-II	3	A		
2010-11 SECOND	EE 201	ELECTROMECHANICS	3	B	8.21	8.76
	EE 201P	ELECTROMECHANICS LAB	1	B		
	EE 202	ANALOG ELECTRONICS	3	B		
	EE 202P	ANALOG ELECTRONICS LAB	1	A		
	EE 204	SIGNALS AND SYSTEMS	3	A		
	HS 201	ECONOMICS	3	C		
	IC 201P	DESIGN PRACTICUM	2	B		
	MA 201	MATHEMATICS-III	3	A		
2011-12 FIRST	CS 305	ARTIFICIAL INTELLIGENCE	3	D	6.76	8.44
	CS 669	PATTERN RECOGNITION	4	D		
	EE 301	CONTROL SYSTEMS ENGINEERING	3	B		
	EE 303	POWER SYSTEMS	3	C		
	EE 303P	POWER SYSTEMS LAB	1	C		
	EE 601	DIGITAL SYSTEMS TESTING AND TESTABLE DESIGN	3	C		

Dated 30-06-2013

Prepared by:

Assistant Registrar (Academics)





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Roll No.: B09054

Programme: B.TECH.

Name: ANSHAY AGARWAL

Branch: ELECTRICAL ENGINEERING

Academic Year/ Semester	Course Code	Course Title	Credit	Grade	SGPA	CGPA
2011-12 SECOND	CY 342	NANO SCIENCE	3	O	9.00	8.52
	EE 304	COMMUNICATION ENGINEERING	3	O		
	EE 305	DIGITAL SIGNAL PROCESSING	3	O		
	EE 306	COMPUTER ORGANIZATION & MICROPROCESSORS	3	B		
	EE 502P	ANALOG SYSTEM DESIGN LAB	2	A		
	HS 354	SOCIAL PSYCHOLOGY	3	C		
2012-13 FIRST	CY 642	MOLECULAR- & BIO-ELECTRONICS	3	B	7.82	8.41
	DP 401P	B.TECH. PROJECT	4	C		
	EE 605	INFORMATION THEORY	3	B		
	EE 606	HIGH VOLTAGE ENGINEERING BEHAVIOR OF DIELECTRICS	3	B		
	EE 607	OPTICAL COMMUNICATION SYSTEMS	3	B		
	HS 403	ORGANIZATIONAL BEHAVIOR	3	D		
	IC 009	INTERNSHIP	2	P		
	MA 641	OPERATIONS RESEARCH	3	O		
	DP 401P	B.TECH. PROJECT	4	E		
2012-13 SECOND	EE 308	SOLID STATE DEVICES	3	B	7.50	8.27
	EE 309	POWER ELECTRONICS	3	O		
	EE 309P	POWER ELECTRONICS LAB	1	B		
	EE 310	ELECTROMAGNETIC FIELDS	3	A		
	EE 593	INTRODUCTION TO ACOUSTICS	3	A		
	EE 611	VLSI TECHNOLOGY	3	B		
	EE 691	ADVANCED WIRELESS SYSTEMS	1	C		
	HS 391	INTRODUCTION TO WORLD HISTORY	3	D		
	HS 592	SELECTED TOPICS ON INDIAN CONSTITUTION	2	C		

**TOTAL CREDITS EARNED & FINAL CGPA**

**174**

**8.27**

RESULT: The student has successfully completed all requirements for the award of the B. Tech. degree.



Dated 30-06-2013

Prepared by:

Assistant Registrar (Academics)

### Grading System (Grade Points) for B.Tech. Programme at IIT Mandi:

At the end of the semester, a student is awarded a letter grade in each of his/her courses by the concerned Instructor-in-charge taking into account his/her performance in various examinations, quizzes, assignments, laboratory work (if any) etc., besides regularity of attendance in classes.

### IIT Mandi has followed the following 3 grading systems for the B.Tech. Batch of 2009:

For 2009-10 First, Second & Summer Semesters: Letter Grades and their values are given below:-

Letter Grades	A+	A	B+	B	C+	C	D	F
Grade Points	10	9	8	7	6	5	4	0

A+ = Outstanding, A = Excellent, B+ = Very Good, B = Good, C+ = Average, C = Below Average, D = Marginal, F = Poor.

For 2010-11 First Semester: Letter Grades and their values are given below:-

Letter Grades	O	A	B	C	D	E	F
Grade Points	10	9	8	6	4	0	0

O = Outstanding, A = Excellent, B = Very Good, C = Good, D = Average, E = Below Average, F = Fail.

From 2010-11 Second Semester onwards: Letter Grades and their values are given below:-

Letter Grades	O	A	B	C	D	E	F
Grade Points	10	9	8	7	6	4	0

O = Outstanding, A = Excellent, B = Very Good, C = Good, D = Average, E = Below Average, F = Fail.

Pass/Fail Course: Letter Grade 'P' = Pass, 'F' = Fail. This grade is not counted towards SGPA / CGPA calculation.

### Note:

- The credits for the course depend on the academic load, which, in turn, is determined by the number of contact hours (lectures and tutorials), laboratory hours (if applicable) & additional hours that a student is expected to devote per week.
- For theory classes and tutorials: 1 credit is awarded for 1 lecture hour/week (14 lecture hours per semester).
- For Lab Courses, Practicals & Practicums: The following system is followed.

Hours per week	1-2	3-4	5-6	7-8
Credits	1	2	3	4

### Semester / Cumulative Grade Point Average (SGPA/CGPA):

SGPA (Semester Grade Point Average) / CGPA (Cumulative Grade Point Average) is a weighted average of the grade points earned by a student in the credited courses (on a 10-Point Scale) and is computed by using the following formula:

$$\text{SGPA or CGPA} = \frac{\sum_{i=1}^n C_i \cdot G_i}{\sum_{i=1}^n C_i}$$

where n is the number of courses credited in semester (in SGPA) or the number of courses credited from the first semester to the latest semester (in CGPA).  $C_i$  &  $G_i$  denote the credits associated and grade-points obtained respectively in a course  $i$ .

For SGPA,  $C_i$  represents the number of credits registered in that semester. For CGPA,  $C_i$  represents the total earned credits i.e. number of credits earned by passing the courses.

Minimum graduating CGPA for B.Tech. Programme: 5.0

No Class or Division is awarded for B.Tech. Programme.