SYSTEM OF EVALUATION AND AWARD OF DEGREE

1. At the end of every semester, a student is awarded a grade based on his/her performance in examinations / assignments, in every course registered by him/her. These grade are described by the letters AA, AB, BB etc. and have a numerical equivalent called the grade points as given below :

Letter Grade	Grade Points	
* AP	10	
AA	10	
AB	9	
BB	8	
BC	7	
CC	6	
CD	5	
DD	4	
** EE	0	Fail Grade
FF	0	Fail Grade
*** FR	0	Failed and Repeat Course
DX	0	Insufficient Attendance
PP	-	Passed
NP	-	Not Passed

Prior to 1984-85 session, single letters like A, B, C etc. were used.

2. After successful completion of programme a degree is awarded without any mention of Rank/Class. However, CPI of 6.5 and above may be considered equivalent to a First Class for B.Tech., M.Sc., Dual Degree, students only.

3. As per the existing rules, rank in class is not certified except for first position in a class on year basis only.

4. Change of branch, permitted at the end of first year for Undergraduate and Dual Degree Programme students is reflected on the transcripts and in roll number when applicable.

5. New Roll Nos. of eight digits have come into effect from July 1990.

6. Grade points are not convertible into percentages.

7. Minimum passing grade is DD for Undergraduate and Postgraduate courses.

8. The medium of instructions at the Institute is in English.

9. The grade FF, FR and DX are taken into consideration while calculating SPI & CPI, however, these will be replaced only after the clearance of the course with the passing grade. This has come into force from Spring Semester 1994-95.

10. SPI and CPI of students joined their programmes up to 2001-02 academic year are calculated by giving weightage of 1.5% for credits of all courses from their 3rd year onwards including project for B.Tech & DD programmes. However, the system of giving such weightage discontinued in case of students joined during 2002-03 and thereafter.

* The grade AP is awarded to the students with exceptional perforamnce in the Institute core courses from Academic Session 1996-1997.

** The grade EE is discontinued from Academic Session 1995-96 for UG Programmes only.

*** FR Grade is introduced from Academic Session 1999-2000.

Indian Institute of Technology, Bombay
Powai, Mumbai - 400 076

Official Transcripts.

12/07

NAME : BORA ASHISH DILIP   ROLL NO : 11D170013   DATE:19-11-2014
DEPARTMENT : Electrical Engineering   PROGRAM : B.Tech

NOTE: Transcript valid as of date 19/11/2014 , liable to change since student not yet graduated

Academic : 2011-2012   Semester : 1

Code	Course Name	Credit	Grade
CH 103	Chemistry	6.0	BB
CH 117	Chemistry Lab	3.0	AB
CS 101	Computer Programming and Utilization	6.0	AA
HS 101	Economics	6.0	AB
MA 105	Calculus	8.0	AA
ME 113	Workshop Practice	4.0	AB
NOCS01	NCC/NSS/NSO	0.0	PP

Academic : 2011-2012   Semester : 2

Code	Course Name	Credit	Grade
EN 110	Energy Engineering Fundamentals	6.0	AA
IC 102	Data Analysis and Interpretation	6.0	AA
MA 106	Linear Algebra	4.0	AP
MA 108	Differential Equations	4.0	AA
ME 119	Engineering Graphics & Drawing	5.0	AA
NOCS02	NCC/NSS/NSO	0.0	PP
PH 103	Electricity & Magnetism	6.0	AA
PH 117	Physics Lab	3.0	AA

Academic : 2012-2013   Semester : 1

Code	Course Name	Credit	Grade
EE 111	Introduction to Electrical Systems	6.0	AB
EE 207	Electronic Devices & Circuits	6.0	BB
EE 225	Network Theory	6.0	BB
EE 236	Electronic Devices Lab	3.0	BB
IC 211	Experimental and Measurement Laboratory	4.0	AA
MA 205	Complex Analysis	4.0	AB
MA 207	Differential Equations II	4.0	AA

Academic : 2012-2013   Semester : 2

Code	Course Name	Credit	Grade
EE 112	Introduction to Electronics	6.0	AA
EE 204	Analog Circuits	6.0	AA
EE 210	Signals & System	6.0	AA
EE 214	Digital Circuits Lab	3.0	AA
EE 222	Electrical Machines and Power Electronics	6.0	AB
EE 224	Digital Systems	6.0	AA
EE 230	Analog Lab	3.0	AA
EE 234	Machines Lab	4.0	BB
URA 01	Undergraduate Research Awards	0.0	PP

Academic : 2013-2014   Semester : 1

Code	Course Name	Credit	Grade
CS 663	Fundamentals of Digital Image Processing	6.0	AA
EE 301	Electromagnetic Waves	6.0	AA
EE 308	Communication Systems	6.0	AA
EE 309	Microprocessors	6.0	AB
EE 325	Probability and Random Processes	6.0	AA
EE 337	Microprocessors Laboratory	3.0	AA
EE 340	Communications Lab	3.0	AB
HS 301	Philosophy	6.0	AA

Academic : 2013-2014   Semester : 2

Code	Course Name	Credit	Grade
CS 763	Computer Vision	6.0	AA
EE 302	Control Systems	6.0	AB
EE 324	Control Systems Lab	3.0	AA
EE 328	Digital Communications	6.0	AA
EE 334	Power Systems	6.0	AA
EE 338	Digital Signal Processing	6.0	AA
IE 708	Markov Decision Processes	6.0	AA
SC 612	Introduction to Linear Filtering and Beyond	6.0	AA

CPI   : 9.59
TOTAL CREDITS EARNED   : 227.0
TOTAL CUMULATIVE POINTS   : 2176.0

ADDITIONAL LEARNING

Code	Course Name	Credit	Grade
CS 213	Data Structures and Algorithms	6.0	AA
CS 207	Discrete Structures	6.0	AA
EE 659	A First Course in Optimization	6.0	AB
CS 348	Computer Networks	6.0	AB

MONTH & YEAR OF ADMISSION   : JUL 2011
MONTH & YEAR OF GRADUATION :

DEPUTY REGISTRAR/ASST. REGISTRAR
(ACADEMIC)

NOTE: Transcript valid as of date 19/11/2014 , liable to change since student not yet gr

Asstt Registrar (Academic)
Indian Institute of Technology
Powai, Mumbai - 400 076.