

SYSTEM OF EVALUATION AND AWARD OF DEGREE

- 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
CB	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
W	- Withdraw

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



Indian Institute of Technology Bombay
Powai, Mumbai - 400 076

Official Transcripts

- After successful completion of programme a degree is awarded without any mention of Rank/Class.
 - As per the existing rules, rank in class is not certified except for first position in a class on year basis only.
 - 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.
 - New Roll Nos. of eight & nine digits have come in to effect from July, 1990 & July, 2010 respectively.
 - The Institute follows grading system on a scale of 10.00, which cannot be converted in to any other scale or percentage simply by multiplying or dividing with a factor. Cumulative Performance Index C.P.I. of 6.50 and above out of 10.00 at the end of programme is considered as First Class for Undergraduates.
 - The Institute does not award any class or division. However, notionally, the CPI may be multiplied by a factor of 10 to obtain a numerical percentage for students graduating in June, 2016 onwards.
 - Minimum passing grade is DD for Undergraduate and Postgraduate courses.
 - The medium of instructions at the Institute is in English.
 - 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.
 - 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.
 - Opportunity for additional learning is provided through Minor/Honors courses to be done by interested/eligible students to the extent of one course per semester w.e.f the third semester. Credit for the courses done under additional learning is not included for SPI/CPI calculation.
 - Separate CPI will be calculated on completion of the requirement for Minor/Honors.
- * The grade AP is awarded to the students with exceptional performance in the Institute core courses from Academic Session 1996-1997.
- ** The grade EE is discontinued from Academic Session 1995-96 for UG Programmes only.

NOTE: Transcript valid as of date 22/11/2016 , liable to change since student not yet graduated

Academic : 2012-2013 Semester : 1

Code	Course Name	Credit	Grade
CH 103	Chemistry	6.0	BB
CH 117	Chemistry Lab	3.0	AA
HS 101	Economics	6.0	AA
IC 102	Data Analysis and Interpretation	6.0	AA
MA 105	Calculus	8.0	AA
ME 113	Workshop Practice	4.0	BB
NOCS01	NCC/NSS/NSO	0.0	PP

Academic : 2012-2013 Semester : 2

Code	Course Name	Credit	Grade
CE 102	Engineering Mechanics	6.0	AB
CS 101	Computer Programming and Utilization	6.0	AA
MA 106	Linear Algebra	4.0	BB
MA 108	Differential Equations	4.0	AB
ME 119	Engineering Graphics & Drawing	5.0	AA
NOCS02	NCC/NSS/NSO	0.0	PP
PH 105	Modern Physics	6.0	AA
PH 117	Physics Lab	3.0	AA

Academic : 2013-2014 Semester : 1

Code	Course Name	Credit	Grade
EE 101	Introduction to Electrical and Electronics Circuits	8.0	AB
EP 201	Optics	6.0	BB
EP 215	Electronics Laboratory I	3.0	AB
EP 222	Classical Mechanics I	6.0	AB
IC 211	Experimental and Measurement Laboratory	4.0	BB
MA 205	Complex Analysis	4.0	BB
MA 207	Differential Equations II	4.0	BB
PH 103	Electricity & Magnetism	6.0	BB
PH 542	Non-linear Dynamics	6.0	AA

Academic : 2013-2014 Semester : 2

Code	Course Name	Credit	Grade
EP 212	Electronics Laboratory II	5.0	AA
EP 213	Physics Laboratory I	3.0	AB
EP 226	Waves & Oscillations & Thermodynamics	6.0	AB
EP 307	Quantum Mechanics I	8.0	AB
ES 200	Environmental Studies: Science and Engineering	3.0	AB
HS 200	Environmental Studies	3.0	BB
MA 214	Introduction to Numerical Analysis	8.0	AB
PH 544	General Theory of Relativity	6.0	AB

Academic : 2014-2015 Semester : 1

Code	Course Name	Credit	Grade
EN 301	Introduction to Renewable Energy Technologies	6.0	BB
EP 205	Photonics	6.0	CC
EP 315	Electronics Lab III (Microprocessor Lab)	5.0	AB
EP 317	Electronics Laboratory-IV(Digital Laboratory)	5.0	AB
EP 322	Supervised Learning	6.0	AA
HS 303	Psychology	6.0	BC
PH 422	Quantum Mechanics II	6.0	BC

Academic : 2014-2015 Semester : 2

Code	Course Name	Credit	Grade
EP 311	Physics Laboratory II	3.0	AA
PH 304	Statistical Physics	6.0	AB
PH 409	Introduction to Condensed Matter Physics I	6.0	BC
PH 424	Electromagnetic Theory I	6.0	BB
PH 534	Quantum Information and Computing	6.0	AA
PH 806	Special Topics in Elementary Particle Physics	8.0	AB
SC 624	Differential Geometric Methods in Control	6.0	AA

Academic : 2015-2016

Semester : 1

Code	Course Name	Credit	Grade
EP 313	Physics Laboratory III	3.0	BB
EP 493	B.Tech Project I	6.0	AA
PH 440	Introduction to Atomic and Molecular Physics	6.0	BB
PH 505	Introduction to Nuclear & Particle Physics	6.0	BC

Academic : 2015-2016

Semester : 2

Code	Course Name	Credit	Grade
CH 504	Computational Chemistry	6.0	AA
EP 409	Applied Solid State Physics	6.0	AB
EP 494	B.Tech. Project II	6.0	AA
MA5108	Lie Groups & Lie Algebras	6.0	AA
PH 522	Theoretical Condensed Matter Physics	6.0	AB

CPI : 8.9
 TOTAL CREDITS EARNED : 288.0
 TOTAL CUMULATIVE POINTS : 2563.0

ADDITIONAL LEARNING

Code	Course Name	Credit	Grade
CS 213	Data Structures and Algorithms	6.0	BB
CS 317	Database and Information Systems	6.0	BB
PH 523	Quantum Mechanics III	6.0	DD
CS 348	Computer Networks	6.0	BB
EP 413	Advanced Statistical Mechanics	6.0	BB
EP 431	Semiconductor Physics	6.0	BC
MA 403	Real Analysis	8.0	CC
PH 520	Group Theory Methods	6.0	BB
CS 347	Operating Systems	6.0	BB
EE 725	Computational Electromagnetics	6.0	BB

MONTH & YEAR OF ADMISSION : JUL 2012

MONTH & YEAR OF GRADUATION :

[Signature]
 DEPUTY REGISTRAR/ASST. REGISTRAR
 (ACADEMIC)

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Asst. Registrar (Academic)
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