भारतीय प्रौद्योगिकी संस्थान मुंबई
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
पवई / Powai, मुंबई / Mumbai 400 076

Official Transcript

Date of Issue : 31-July-2018 , liable to change since student has not yet graduated

Roll Number:	160100097	Academic Unit:	Mechanical Engineering
Name of the Student:	RIYA	Joining Month & Year:	July 2016
Programme:	Bachelor of Technology (B.Tech.)		

Code	Name	Credits	Tag	Grade	Code	Name	Credits	Tag	Grade
Academic Year: 2016 - 2017, Term: Semester Autumn									
CH 105	Organic & Inorganic Chemistry	4.0	MA	AA	ME 113	Workshop Practice	4.0	MA	AA
CH 107	Physical Chemistry	4.0	MA	AB	NOCS01	NCC/NSS/NSO	0.0	MA	PP
CS 101	Computer Programming and Utilization	6.0	MA	AB	PH 107	Quantum Physics and application	6.0	MA	AB
MA 105	Calculus	8.0	MA	AB	PH 117	Physics Lab	3.0	MA	AB
ME 102	Data Analysis and Interpretation	6.0	MA	AB					
SPI=9.20/10					CPI=9.20/10				
Academic Year: 2016 - 2017, Term: Semester Spring									
BB 101	Biology	6.0	MA	AA	MA 108	Differential Equations	4.0	MA	AB
CE 102	Engineering Mechanics	6.0	MA	AA	ME 119	Engineering Graphics & Drawing	5.0	MA	AA
CH 117	Chemistry Lab	3.0	MA	AA	NOCS02	NCC/NSS/NSO	0.0	MA	PP
MA 106	Linear Algebra	4.0	MA	AA	PH 108	Basics of Electricity & Magnetism	6.0	MA	AB
SPI=9.71/10					CPI=9.43/10				
Academic Year: 2017 - 2018, Term: Semester Autumn									
CS 224	Computer Networks	6.0	MI	BB	ME 209	Thermodynamics	6.0	MA	AA
EE 101	Introduction to Electrical and Electronics Circuits	8.0	MA	AA	ME 219	Fluid Mechanics	8.0	MA	AB
					MM 207	Engineering Metallurgy	6.0	MA	AA
HS 101	Economics	6.0	MA	AA					
ME 201	Solid Mechanics	6.0	MA	BC					
SPI=9.35/10					CPI=9.40/10				
Academic Year: 2017 - 2018, Term: Semester Spring									
MA 214	Introduction to Numerical Analysis	8.0	MA	BB	ME 218	Solid Mechanics Lab	3.0	MA	AB
ME 202	Strength of Materials	6.0	MA	AB	ME 224	Fluid Mechanics Lab	3.0	MA	AA
ME 206	Manufacturing Processes I	6.0	MA	AA	ME 226	Mechanical Measurements	6.0	MA	AA
ME 213	Manufacturing Practice Lab	5.0	MA	AA	PH 426	Astrophysics	6.0	AL	AA
SPI=9.32/10					CPI=9.38/10				

Mandatory Course Credits (MA)	**= 152.0**	**Overall CPI**	**= 9.38/10**
Overall Credits Completed	**= 164.0**		
Overall Grade Points	**= 1534.0**		

Current Status

The academic requirements for the degree are not yet complete.

Signature & Seal of Transcript Issuing Authority:

सहायक कुलसचिव (शैक्षणिक)
Assistant Registrar (Academic)
भारतीय प्रौद्योगिकी संस्थान, मुंबई
Indian Institute of Technology, Bombay
पवई, मुंबई / Powai, Mumbai - 400 076.

Joint/Assistant Registrar (Academic), IIT Bombay

Date: 31st July 2018

Place: Mumbai

INSTITUTE OF TECHNOLOGY POWAI MUMBAI

CONTINUED

Official Transcript

Name of the Student: RIYA | Roll Number: 160100097

General Information

The medium of instruction at the Institute is English.
Course credits and grade: Each course is associated with credits which are an indicator of its relative weight in calculating the academic performance. A two-letter grade is awarded to students on the basis of their performance in examinations and assignments of a specific course. The letter grades have numerical equivalents on a 0-10 scale as given below.

Letter Grade	AP	AA	AB	BB	BC	CC	CD	DD	FF	FR	W	DX	PP	NP	AU
Numerical Equivalent	10	10	9	8	7	6	5	4	0	0	–	–	–	–	–

FF: Fail, FR: Fail and repeat, W: Withdrawn, DX: Insufficient attendance, AU: Satisfactory performance in an audit course, PP: Pass, NP: Not Pass. The minimum passing grade in a course is DD. The grade AP is awarded to students with exceptional performance in core courses of a programme. Numerical equivalents of letter grades are referred to as grade points.
The numerical grade points are not convertible into marks or percentages.
Performance Indicators: The performance of a student in a semester is given by a number called the Semester Performance Index (SPI),which is the weighted average of the earned grade points in the courses during the semester.
If a student has courses with credits $C_1, C_2, \ldots, C_n$, with grade points of $G_1, G_2, \ldots, G_n$ respectively, then

Semester Credits = $C_1 + C_2 + \ldots + C_n$. Semester Grade Points = $C_1G_1 + C_2G_2 + \ldots + C_nG_n$. SPI = Semester Grade Points ÷ Semester Credits.

Cumulative Performance Index (CPI) is the weighted average of the grade points in the courses in all semesters. The indices SPI and CPI are calculated upto two decimal places.
Courses are tagged as MA: Mandatory (Core/Elective), MI: Minor, HO: Honours, AL: Additional Learning, AU: Audit

- Each degree programme has mandatory credits consisting of core courses, elective courses, and non credit courses. These courses are tagged as MA.
- For calculation of SPI and CPI, grades obtained only in mandatory courses (MA) are considered.
- Students can supplement the learning experience by crediting additional courses. Credits earned in these courses, when appropriate, can earn additional credentials either in the form of "Honours" (HO) in the chosen discipline or "Minor" (MI) in another discipline or both.
- "Honours" is not indicative of proficiency, and can be earned by completing the additional prescribed set of advanced core and elective courses in the chosen discipline. "Minor" can be earned by completing the prescribed set of courses in a discipline other than the chosen discipline. Additional courses that are not used for earning "Honours" or "Minor" are tagged as "Additional Learning" (AL).
- The AU is awarded based on satisfactory attendance and fulfilling the minimum requirements as set by the course instructor.It carries no grade points and does not figure in SPI or CPI calculations.
- PP or NP is awarded in some credit courses that are not earmarked with a letter grade. Correspondingly, PP/NP does not carry a grade point.

The Institute does not award any class or division. Notionally, the CPI may be multiplied by a factor of 10 to obtain a numerical percentage for students graduating in the 54th Annual Convocation (2016) onwards.
The veracity of this document can be ascertained by using the verification ticket number in the URL given at the bottom of this page.

END OF TRANSCRIPT | Roll Number: 160100097