



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



Roll Number: 158080017
Name of the Student: Vinay Mitaram Khobragade
Programme: Master of Philosophy (M.Phil.)

Academic Unit: Humanities and Social Sciences
Discipline/Specialization: Planning and Development
Joining Month & Year: July 2015

Code	Name	Credits	Tag	Grade	Code	Name	Credits	Tag	Grade
------	------	---------	-----	-------	------	------	---------	-----	-------

Academic Year: 2015 - 2016, Term: Semester Autumn

HS 436 Indian Culture and Tradition	6.0	MA	BB		HS 605 Research Methods in Social Sciences	6.0	MA	BC	
HS 601 Development Planning & Policies : Issues & Alternatives	6.0	MA	BC		HS 694 Seminar	4.0	MA	BC	
HS 603 Socio-Psychological Perspectives in Development & Change	6.0	MA	BC						
SPI=5.94/10					CPI=5.94/10				

Academic Year: 2015 - 2016, Term: Semester Spring

HS 602 Science & Technology in India	6.0	MA	BC		HS 791 Communication Skills -I	2.0	MA	PP	
HS 606 Environmental Planning Development	6.0	MA	BC		HS 792 Communication Skills -II	4.0	MA	PP	
HS 632 Making Choices : Ethical Decisions in Scientific Endeavour	6.0	MA	AB		MNG706 Business Entrepreneurship Development	6.0	MA	CC	
HS 693 R & D Project	12.0	MA	BB						
SPI=7.50/10					CPI=6.74/10				

Academic Year: 2016 - 2017, Term: Semester Project

HS 797 I Stage Project	24.0	PR	AB						
SPI = 9.00/10					CPI (Coursework) = 6.74/10				
					CPI (Overall) = 7.32/10				

Academic Year: 2016 - 2017, Term: Semester Autumn

HS 615 Computer Aided Applied Statistics	6.0	MA	CC		HS 706 Classical Indian Thought in Modern Times	6.0	MA	AB	
HS 637 Anthropology and Disaster	6.0	MA	BC						
SPI=7.33/10					CPI=7.37/10				

Academic Year: 2016 - 2017, Term: Semester Spring

HS 621 Contemporary Indian Philosophy	6.0	AU	AU						
SPI=0.00/10					CPI=7.37/10				

Academic Year: 2016 - 2017, Term: Semester Summer

HS 798 II Stage Project	48.0	PR	CC						
SPI = 6.00/10					CPI (Coursework) = 7.37/10				
					CPI (Overall) = 7.19/10				

Mandatory Course Credits (MA)	= 82.0	CPI (Courses)	= 7.37/10
Project Credits (PR)	= 72.0	CPI (Project)	= 7.00/10
Net Mandatory Credits (MA+PR)	= 154.0	CPI (Net)	= 7.19/10
Overall Completed Credits	= 154.0		
Overall Grade Points	= 1108.0		

Final Result

The student has completed the academic requirements of the programme in the month of July 2017 for the award of Master of Philosophy in Planning and Development
Signature & Seal of Transcript Issuing Authority:

Joint/Assistant Registrar (Academic), IIT Bombay
Date: 18-August-2017
Place: Mumbai



CONTINUED



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



Name of the Student: Vinay Mitaram Khobragade

Roll Number: 158080017

General Information

The medium of instruction at the Institute is English.

Course credits and grade: Each academic course is associated with a credit which is an indicator of its relative academic 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 $C_1, C_2, \dots, C_n$, with grade points of $G_1, G_2, \dots, G_n$ respectively, then

$$\text{Semester Credits} = C_1 + C_2 + \dots + C_n. \text{ Semester Grade Points} = C_1 G_1 + C_2 G_2 + \dots + C_n G_n. \text{ SPI} = \text{Semester Grade Points} \div \text{Semester Credits}.$$

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 June, 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: 158080017