

(Updated)

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY  
Academic Office

No. Acad./PG/Institute Elective/Spring 2016-2017/2016

Date : 09-01-2017

**INSTITUTE ELECTIVES FOR M.TECH./M.PHIL PROGRAMME**

With the introduction of 2-year M.Tech. Programme w.e.f. 2002 Batch, the Senate approved a proposal of Ballal Committee, which recommended a course to be taken under Institute Elective/ Course outside department.

The recommendations of the Committee as approved by the Senate was as follows:

**Institute Elective:**

Every student is required to take an Institute Elective as part of his/her course work. Institute Elective option will be available in both semesters and different sets of courses will run in the both the semesters. Students cannot take those courses in the list of Institute Electives, which are closely allied to their disciplines.

**Courses outside the Department:**

Every student is required to take a minimum of 6 course credits outside his/her discipline. The Programme Committee (PC) can set a higher minimum (PC option). If the minimum is set as 6 course credits, for a programme, then it will be the Institute elective. PCs should also decide about the minimum number of credits a student should take from his/her own major discipline.

The list of approved courses under Institute Elective is enclosed herewith for the **Spring Semester 2016-2017**.

This is for information and necessary action.

Sd/-  
Assistant Registrar  
(Academic)

Encl: list of Inst. Elective

The Head/Convener of all Deptts, Centres, Schools/IDp Groups

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**INSITITUTE ELECTIVES**  
**II/IV SEMESTER - SPRING SEMESTER 2016-2017**

<b>Sr. No.</b>	<b>Course Code</b>	<b>Title</b>	<b>Credits</b>	<b>Conditions if any</b>
1.	ES 600	Environmental Science & Engg.	3 0 0 6	<i>Number of students to register for this course is limited to 60 (sixty) on first come first serve basis.</i>
2.	GNR630	Introduction to Geospatial Technologies	3 0 0 6	<i>Maximum of 50 students</i>
3.	HS 621	Contemporary Indian Philosophy	3 0 0 6	<i>Maximum of 50 students</i>
4.	HS 624	Contemporary Issues in Philosophy of Mind	3 0 0 6	<i>Maximum of 50 students</i>
5.	HS 625	Philosophy of Education	3 0 0 6	<i>Maximum of 50 students</i>
6.	HS 636	Development of Mathematics in India	3 0 0 6	<i>Maximum of 50 students</i>
7.	HS 640	Civil Society : Its Foundations & Future	3 0 0 6	<i>Maximum of 50 students</i>
8.	MNG630	Technology Design and End To End Innovation -II	3 0 0 6	--
9.	MNG671	International Competitiveness	3 0 0 6	--
10.	CS 752	System Dynamics:Modelling and Simulation for Development	3-0-0-6	--
11.	ME 768	Intorduction to Microsystems Packaging	3-0-0-6	--
12.	EE 701	Introduction to MEMS	3-0-0-6	--

**Compulsory Course**

<b>Sr. No.</b>	<b>Course Code</b>	<b>Title</b>	<b>Credits (PP/NP)</b>
1.	HS 791	Communication Skills – I (Institute Component)	1 0 0 2
2.	XX 792	Communication Skills – II (Department Component)	0 2 0 4