

**REPORT OF THE CORE CURRICULUM COMMITTEE (CCC) ASSIGNING CORE
TEACHING LOAD FOR 2011-2012-II SEMESTER**

**GUIDELINES FOR DRAWING INSTRUCTOR- IN- CHARGE
FOR CORE COURSES**

(Based on the recommendation of Manindra Agarwal committee)

1. A course should stay with the same department for two consecutive years before moving to another, if several departments have the capability to provide the instructor- in-Charge. Accordingly, the Instructor-in-Charge is to be drawn from various departments as under for the next eight years:

Course No. & Title	2010-11 & 2011-12	2012-13 & 2013-14	2014-15 & 2015-16	2016-17 & 2017-18
TA101 (ENGINEERING GRAPHICS)	CE	ME	CE	AE
ESO202 (THERMODYNAMICS)	AE	CHE	ME	CHE
ESO204 (SOLID MECHANICS)	ME	CE	AE	CE
ESO212 (FLUID MECHANICS)	CHE	AE	CHE	ME

2. Only exception to (1) above is the course TA201 (Manufacturing processes) which will alternate between ME and MSE and the changeover will be at the end of every academic year.
3. For all courses not covered in (1) and (2) above the Instructor-in-Charge will come from departments as follows:

Department (s)	Course(s)
Biological Science & Bioengineering	LIF101Life Sciences
Chemistry	CHM101,CHM102,CHM201R
Civil Engineering	ESO218 (Comp. Methods)
Computer Science & Engineering	ESC101 (Computing)
Electrical Engineering	ESO210 (Introduction to EE)
Humanities & Social Sciences	HSS-I,HSS-II,
Materials Science & Engineering	ESO214 (Materials)
Mathematics & Statistics	MTH101R, MTH102,MTH102R, ESO209
Physics	PHY101,PHY102,PHY103,PHY103R,

TABLE 2: Department/IDP-wise Distribution of Core Course instructors for the Academic Session 2011-12 Second Semester.

Sl. No.	Department/IDP	Course(s)
1	Aerospace Engineering (AE)	ESO 202
2	Biological Sc. & Bio Engineering (BSBE)	LIF 101
3	Chemical Engineering (CHE)	ESO212
4	Chemistry (CHM)	CHM101,CHM102,CHM201R
5	Civil Engineering (CE)	TA 101
6	Computer Sc. & Engineering (CSE)	ESC101
7	Electrical Engineering (EE)	ESO210
8	Humanities & Social Sciences (HSS)	HSS-I,HSS-II
9	Industrial & Management Engineering (IME)	--
10	Mathematics & Statistics (MTH)	MTH101R, MTH102, MTH102R
11	Mechanical Engineering (ME)	ESO 204
12	Materials Science & Engineering (MSE)	ESO214,TA201
13	Material Science Programme	--
14	Physics (PHY)	PHY101,PHY102,PHY103,PHY103R

TABLE 3 :

Department/DP-wise Allocation of Instructor's and/or Tutors for Core Courses in Science & Engineering for 2011-12-II Semester

Courses	Units Reqd.	AE	BSBE	CHE	CE	CSE	EE	IME	ME	MSE	MSP	CHM	MTH	PHY	DES	HSS	TOTAL
List (a) : Courses to which the instructor in-charge is always provided by the same department																	
CHM 101 Chemistry Lab	9											1+8					1+8
CHM 102 Chemistry-I	25											4+21					4+21
MTH 102 Mathematics-II	25												4+21				4+21
PHY 101 Physics Lab	14													1+13			1+13
PHY 102 Physics-1	11													2+9			2+9
PHY 103 Physics -2	15													2+13			2+13
ESC 101 Computing	12					2+10											2+10
LIF 101 Life Sciences	2		2														2
ESO 209 Probability & Stat.	8						1									1	2+6
ESO 210 Elect. Engineering	8						2+6										2+6
ESO 214 Prop. of Materials	4.5									1.5+3							1.5+3
ESO 218 Computing Methods	7			2	2+3												2+5
CHM 201R Chemistry 1	2											1+1					1+1
MTH101R Mathematics- 1	3																1+2
MTH102R Mathematics -2	2													1+1			1+1
PHY103R Physics-2	4.5														1.5+3		1.5+3
List (b) : Courses where instructor-in-charge is provided by two or more departments																	
TA 101 Engg. Graphics	15	4			2+4												2+13
TA 201 Manuf. Process *	12							5									2+10
ESO 202 Thermodynamics	3	1+0		1				5		2+5							1+2
ESO 204 Mech. of Solids	10	2			3			1									2+8
ESO 212 Fluid Mechanics	3.5	1		1.5+1				2+3									1.5+2

If units are assigned as $m + n$, then m indicates Instructor units and n indicates tutor units; if units are assigned as n , then n indicates tutor units only, except the course ESO211 where the number 2 is the Instructor units.

* As per the discussion in IAC meeting on 19 April 2011, the upper limit of the number of sections in TA201 is to be 10.

(Signature)
 (Shalabh)
 Outgoing Chairman, CCC