

## Course and Thesis Credits for Ph.D Students

Ph.D students can take PG courses with letter grades. These grades will be used in CPI calculation.

Ph.D students can also take UG/PG courses with S/X grades. For this purpose, a Ph.D student must register for a course and then inform SPGC in writing (through DPGC) that the course is taken in S/X mode.

Ultimately, all Ph.D students must to at least 36 credits of courses with letter grades [72 credits for students without masters degree in engineering]. Registration in courses is only in consultation and with the concurrence of the program advisor/thesis supervisor.

All Ph.D students must register for at least 36 credits in a semester. This can be reduced to 27 credits with SPGC approval.

Even after finishing the minimum course requirement, a Ph.D student may be asked to take extra courses with either letter or S/X grades by the Ph.D program committee constituted for the student.

A Ph.D student is not allowed to take thesis credits (CE799) unless a thesis supervisor has been assigned. A Ph.D student must complete at least 72 thesis credits.

### **Communication Skills courses for Ph.D Students:**

The department will offer the four courses below each regular semester from 2016-17 1<sup>st</sup> semester onwards. All these courses are 0-0-0-0 [5] and are to be graded in the S/X mode.

CE791A:	Literature Search and Review
CE792B:	Scientific Writing Skills
CE793A:	Scientific Presentation Skills
CE794B:	Scientific Data Analysis Presentation and Interpretation

The nominal course instructor for these courses is the DPGC convener. These courses are open to all (especially Ph.D) PG students. A PG student can register for these courses, only if a mentor (any faculty member of the department) is willing to guide the student for the course. The mentor will be responsible for giving the required assignments to the student and submitting the grade to the DPGC convener.

All new Ph.D students should consider the following:

1. Ph.D students (especially those who have not done M. Tech from IITK) are advised not to register in more than two courses (~18 credits) for letter grades in their first semester.
2. Such students are encouraged to take other UG/PG courses or CE791A /CE792B /CE793A /CE794B in S/X mode to fulfill their semester credit requirements.

One of the reasons for the above suggestions is to ensure that new Ph.D students do not get into grade trouble in their first semester itself and face academic termination.