



INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD
OFFICE OF THE DEAN (ACADEMIC)

No. IITISM/DAC/400

02 January 2023

NOTIFICATION

MODIFICATION IN THE PH. D. COURSE STRUCTURE WITH CREDIT DISTRIBUTION.

The Senate in its 25th meeting held on 14th December 2022 has approved the modification in the Ph.D. course structure with credit distribution which are as follows:

A. Credit Distribution of Course Work:

Course Component	Min	Max	Course Credits
DCPG (*)	09	As per DSC recommendation	09
Numerical methods / modeling / simulation use of Python / MATLAB / Mathematica / Statistics / Mathematics etc.	09		09
DC / DE / OE (PG Level)	27		27
Total	--	--	45
Research Methodology	09		09
Research and Technical Communication	09		09 (S/X)

Minimum Thesis Credit: 216

Thesis credit may be increased beyond the minimum 216 credits, if the scholar register the thesis credits from the 1st semester upto 7th semester (4 Years) for fulfilment of the required minimum duration prescribed for the completion of the Ph. D. program.

B. Guidelines for completion of course work:

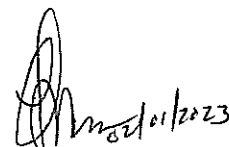
1. All the new entrants of the Ph.D. program will report, in person, at least one week before the commencement of the classes in that particular semester. [It will be necessary for allotment of supervisor in consultation with the scholar and subsequently constitution of the DSC because the DSC will recommend the courses for the scholar.]
2. It is mandatory for a scholar to register for the remaining course(s) if offered.
3. Department will fix one DC course (*) for each specialization.
4. Numerical methods / modeling / simulation use of Python / MATLAB / Mathematica / Statistics etc. course will be mandatory for all scholars. For HSS department, this course will be replaced with RTC.
5. Three PG Level Courses, total of 27 credits, will be assigned by the respective DSC in consultation with the scholar. The DSC may assign one UG course of nine credits of Level 4 along with two PG level courses. However, if the supervisor feels that some extra course(s) beyond the 27 credits need to be cleared by the scholar then the same to be recommended by the concerned DSC.

6. In addition, for the scholar who are admitted in Ph.D. program after B.E. / B. Tech. will take two extra PG level courses of minimum 9 credits each to satisfy the minimum credit requirement of course work.
7. Research Methodology (RM) course is mandatory. The scholar may clear it in any semester as per his/her choice but before the request for Pre-Submission Seminar is submitted.
8. Research & Technical Communication (RTC) course is mandatory with S/X mode. All scholar, except of HSS Department, may clear it in any semester as per his/her choice but before the request for Pre-Submission Seminar is submitted. This course is full credit course, with letter grade, for the HSS department and it need to be cleared within first 4 semesters. The obtained letter grade will be counted towards the CGPA calculation.
9. No waiver in the course will be given. If any scholar have cleared any of the prescribed mandatory course in her/his master degree, then the DSC will recommend a suitable substitute course for the same.
10. All the courses prescribed in the course structure, except RM and RTC (except HSS scholars) need to be completed by 4th semester with 6.5 CGPA.
11. Scholar will be given one-time opportunity to clear by repeat the compulsory course(s) and repeating / substituting the elective course if obtain 'F' grade latest by fourth semester.
12. For securing the minimum required CGPA of 6.5, the scholar will be given one time opportunity to repeat the compulsory course(s) and repeat/substitute of the elective course(s) s/he obtained the lower grade(s). If after availing this one-time opportunity, the scholar cannot secure the minimum required CGPA of 6.5, latest by fourth semester, then academic program of the scholar will be terminated automatically.
13. For registration of the minimum number of credits (i.e., 36 credits per semester), the scholar will be allowed to register required number of thesis credits along with the credits of the courses from 1st semester onwards (See Point 10).
14. Scholar will be eligible for Comprehensive Examination on completion of the course work but not after the 4th semester.
15. Existing fellowship rule will be followed.

Apart from the above, the following will be the composition of DSC (Doctoral Scrutiny Committee):

- (i) Chairperson from the department (need not be HoD)
- (ii) One Member from sister department
- (iii) Supervisor
- (iv) A Co-Supervisor (Internal / External), if required and approved as per rules.

The above modifications will be effective from Monsoon Semester 2023-24.



Dean (Academic)

Copy to:

1. Director, Deputy Director
2. Registrar, All Faculty Members, All Students
3. Webmaster