

UNIVERSITY OF PUNE

**RULES & REGULATIONS, STRUCTURE and
SYLLABUS**

for

Ph.D. COURSE WORK

Under

FACULTY OF ENGINEERING

RULES & REGULATIONS

Appendix for Revised rules for Ph. D under Faculty of Engineering

The candidates who have registered for Ph.D. Program on or after 11th July 2009 are governed by

UGC (MINIMUM STANDARDS AND PROCEDURE FOR AWARD OF M.Phil/Ph.D. DEGREE), REGULATION, 2009 PUBLISHED IN THE GAZETTE OF INDIA, DATED 11TH July, 2009.

Based on and adhering to this, University of Pune has formulated the Revised rules for Ph.D. and circulated vide circular no.406/2009 dated 29th December 2009.

All the Procedures, rules and regulations regarding Short title, Applications, Commencement, Supervisor Eligibility Criterion, Procedure for Admission, Course work, Evaluation and Assessment methods etc. as laid down in these revised rules, are applicable to PhD Programs under Faculty of Engineering, University of Pune.

The following guidelines are a supplement to these rules and regulations; for only those sections, which require better and adequate comprehension.

1 - COURSE WORK:

TABLE- 1

STRUCTURE FOR Ph.D. COURSE WORK (common for all branches)

CODE	NAME OF COURSE	CONTACT HOURS	EXAMINATION SCHEME			CREDITS
			CONTINUOUS ASSESSMENT	END SEMESTER EXAM	TOTAL	
700001	Research Methodology	5	50	100	150	5
700002	Seminar	10	50	50	100	5
700003	Faculty Specific Topics for Engineering Research Part-A (700003-A) Mathematics for Engineering Research Part-B (700003-B) Branch Specific Topics	10	100	100	200	10
Total		25	200	250	450	20

CODE	Branch Specific Topics		CODE	Branch Specific Topics
700003-B1	Advances in Civil Engineering		700003-B8	Advances in Chemical Engineering
700003-B2	Advances in Mechanical Engineering		700003-B9	Advances in Computer Engineering
700003-B3	Advances in Electrical Engineering		700003-B10	Advances in Production & Industrial Engineering
700003-B4	Advances in Electro & Tel Engineering		700003-B11	Advances in Petroleum & Petro chemical. Engineering
700003-B5	Advances in Metallurgy Engineering		700003-B12	Advances in Architecture
700003-B6	Advances in Instrumentation Engg.		700003-B13	Advances in Information technology
700003-B7	Advances in Printing Engineering		700003-B14	Advances in Biotechnology

R-1.1

After having been admitted, each Ph.D. student shall be required to undertake course work for a minimum period of one semester. The course work shall be treated as pre- Ph.D. preparation.

R-1.2

If found necessary, course work may be carried out by doctoral candidates in sister departments / institutes either within or outside the University for which due credit will be given to them.

R-1.3

The Ph.D. Course work for all branches under Faculty of Engineering shall be offered with credit system.

R-1.4

The total credit requirement for entire course work shall be of 20 credits. Students are required to earn these 20 credits in maximum three semesters.

R-1.5

The structure for Ph.D. course work for all branches under Faculty of Engineering shall be as given in Table- 1.

R-1.6

The course, Faculty Specific Topics for Engineering Research will consists of;
Part-A: Mathematics for Engineering Research, the contents of syllabus of which will be based on the advance topics from engineering mathematics. It will consist of minimum 15 units of 2 credits each.

Part-B: Branch Specific Topics, the contents of syllabus of which will be based on the advance topics/technology pertaining to the branch. It will consist of minimum of 10 units with 2 credits each.