

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Estd. Under Punjab Technical University Act, 1996
(Punjab Act No. 1 of 1997)

Ref. No. : IKGPTU/Reg/N/

Dated :

NOTIFICATION

Sub: **Regarding Pre-Ph.D Course work.**

This is for information of all concerned that Pre-Ph.D course work from 2016-17 will be conducted in the IKGPTU main campus Kapurthala in regular mode. The PhD course work will consists of minimum 15 credits. The structure of the course work is as under.

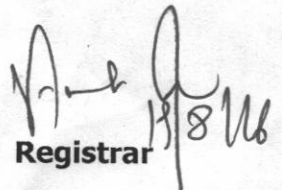
Sr. No.	Nature of course	Name of course	Credits	Remarks
1.	Core	1. Research Methodology	4	The syllabus of RM should be formulated faculty wise such as Engineering, Science, Management/ Humanities and Life sciences
		2. Subject related theory paper	4	Discipline specific related to advancements in theoretical methods for research
		3. Presentation	3	Discipline specific
2.	Interdisciplinary	4. Elective	4	From list of subjects from allied fields
	Total Minimum credits		15	

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Registrar

Endorsement No: IKGPTU/REG/N/ 4244-4251

Dated: 22.08.2016

1. Secretary to Vice Chancellor: For kind information of Vice Chancellor
2. Dean (P&D)
3. Dean (RIC)
4. Dean (Academics)
5. Finance Officer
6. Controller of Examination
7. DR (Computers): For uploading on website
8. File Copy


Registrar

ADMISSION

Application for Admission to the Ph.D. Program in the Department of Chemistry, University of California, Berkeley. The applicant must have a B.S. degree in Chemistry from an accredited institution with a minimum grade point average of 3.0.

The applicant must also have completed the following courses: General Chemistry I and II, Organic Chemistry I and II, Physical Chemistry I and II, and Analytical Chemistry. A minimum grade of C- is required for all these courses.

The applicant must submit a statement of purpose, a curriculum vitae, and three letters of recommendation. The statement of purpose should describe the applicant's research interests and how they relate to the research being conducted in the applicant's chosen advisor's laboratory.

The applicant must also submit a copy of their undergraduate transcript. The transcript should show all courses taken and the grades received. The applicant must also pay the application fee of \$50.00.

Applications should be sent to the Department of Chemistry, University of California, Berkeley, 1285 Chabot Avenue, Berkeley, CA 94720. Applications are accepted on a rolling basis, but the deadline for consideration is February 1st of each year.

Pre Ph.D. Course in Civil Engineering

Schematic and Syllabus

Sr. no.	Nature of Course	Name of course	Credits	Remarks
1.	Core	Research Methodology	4	The syllabus of RM should be formulated faculty wise
		Discipline Specific subjects	4	1. Transportation and Highway Technology 2. Foundation Design and Construction 3. Environment Engineering and Management 4. Pavement Design, Construction and Maintenance 5. Bridge Engineering 6. Advanced Construction Technology 7. Advanced Structural Engineering 8. Hydraulics Engineering 9. Geotechnical Engineering
		Presentation	3	Discipline specific
2.	Interdisciplinary	Elective	4	From list of subjects from allied fields 1. Town and Country Planning 2. Advanced Geoinformatics 3. Computer Aided Design Methods 4. Civil Engineering applications of Remote sensing and GIS
Total Minimum credits			15	

Paper Title: Research Presentation

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Research Scholar will have to present a seminar based upon his/her research area. Performance of the scholar and participation in seminar will be taken into consideration.

