

October/April 20 ..



University of Pune

EXAMINATION FOR DEGREE IN MASTER OF ENGINEERING (REVISED 2002 COURSE)

EXAMINATION FEE

Rs. 1440/- PER SEMESTER + Exam Form Rs. 30/-

To,
THE CONTROLLER OF EXAMINATIONS,
UNIVERSITY OF PUNE,
Pune-411007.

Sir,

I request permission to present myself for the Examination in Master of Engineering ()
Revised 2002 Course to be held in October/April, 200 , and pay herewith the prescribed Fee Rs. ()
I desire to offer the undermentioned papers for Sem. (I/II/III/IV) Examination.

I am submitting Dissertation of the Topic

Yours faithfully,

Date :

Signature

Branch :

College :

Male

 1

Centre :

Female

 2

Name :

(in Capital Letters)

Surname

First Name

Father's/Husband's Name

.....
Mother's Name

South Indians/Other should enter the Name in Usual Form

Name in Devnagari Script :

Date of Registration as Post-graduate Students :

Particulars of that Registration :

Date of Passing B.E. Examination : Year and Month

Branch

Seat No.

University

Date of Obtaining B.E. Degree :

Last Appearance at M.E. Examination :

Month

Year

Seat No.

(Copy of last appearance of M.E. Examination should be enclosed).

CERTIFICATE BY RECOGNISED TEACHER / GUIDE

I certify that Shri./Smt.
has worked under my direction for two/four academic terms from to
in College / Institute / Department and that the Dissertation
on a synopsis of which has been signed by me is entirely
the work of the candidate and has been approved by the University.

Signature

.....
(Signature of the Guide)

Designation

CERTIFICATE BY THE HEAD OF THE INSTITUTION / COLLEGE

I certify that Shri./Smt.
has satisfactorily attended a course of lectures for each of papers. He/She has my
permission to appear for the Examination.

Signature

Designation

Address for Correspondence :

M.E. (Civil) Structures Course (1)

Semester I				Semester II			
	PP	TW	Oral		PP	TW	Oral
Numerical Methods & Finite Element Structural Analysis	<input type="checkbox"/>	—	—	Plates & Shells	<input type="checkbox"/>	—	—
Reinforced concrete & Prestressed concrete Design	<input type="checkbox"/>	—	—	Earthquake Resistant Design of Structures	<input type="checkbox"/>	—	—
Advanced Structural Mechanics	<input type="checkbox"/>			Ad. Design of Steel structures	<input type="checkbox"/>	—	—
Structural Dynamics	<input type="checkbox"/>	—	—	Elective I	<input type="checkbox"/>	—	—
Lab. Practice I	—	<input type="checkbox"/>	—	Elective II	<input type="checkbox"/>	—	—
				Lab. Practice II	—	<input type="checkbox"/>	—
				Seminar I	—	<input type="checkbox"/>	—
Semester III				Semester IV			
Seminar II			<input type="checkbox"/>	Seminar III	—	<input type="checkbox"/>	—
				Dissertation	—	<input type="checkbox"/>	<input type="checkbox"/>

*List of Electives***Elective I*

- (a) Bridge Engineering
- (b) Experimental Stress Analysis
- (c) Non-Linear Analysis of Structure
- (d) Structural Optimization

Electives II

- (a) High Rise Structures
- (b) Structural Reliability
- (c) Structural Stability
- (d) Advanced in Concrete Composites

M.E. (Civil) Construction and Management (2)

Semester I				Semester II			
	PP	TW	Oral		PP	TW	Oral
Management & Project Planning in Construction	<input type="checkbox"/>	—	—	Elective I	<input type="checkbox"/>	—	—
Construction Equipment & Management	<input type="checkbox"/>	—	—	Professional Practices in Construction	<input type="checkbox"/>	—	—
Construction Material & Materials Management	<input type="checkbox"/>	—	—	Project Economics & Financial Management	<input type="checkbox"/>	—	—
Construction Technique	<input type="checkbox"/>	—	—	Operation Research	<input type="checkbox"/>	—	—
Lab. Practice I	—	<input type="checkbox"/>	—	Elective II	<input type="checkbox"/>	—	—
				Lab. Practice II	—	<input type="checkbox"/>	—
				Seminar I	—	<input type="checkbox"/>	—
Semester III				Semester IV			
Seminar II	—	—	<input type="checkbox"/>	Seminar III	—	<input type="checkbox"/>	—
				Dissertation	—	<input type="checkbox"/>	<input type="checkbox"/>

**Electives I*

- (a) Concrete Technology
- (b) Construction Safety
- (c) Ad. Const. Engg.
- (d) Human Resource Development in Construction
- (e) High Rise Structures & Building Services

Electives II

- (a) Value Engineering Risk Analysis
- (b) Infrastructure Development & International Contracting
- (c) Rehabilitation & Disaster Management
- (d) TQM & MIS in Construction
- (e) Statistical Analysis & Computational Methods

M.E. (Civil) Geotechnical Engineering (3)

Semester I				Semester II			
	PP	TW	Oral		PP	TW	Oral
Numerical Methods	<input type="checkbox"/>	—	—	Ad. Foundation Engineering	<input type="checkbox"/>	—	—
Advanced Soil Mechanics	<input type="checkbox"/>	—	—	Soil Dynamics	<input type="checkbox"/>	—	—
Geotechnical Exploration & Instrumentation	<input type="checkbox"/>	—	—	Finite Element Methods in Geomechanics	<input type="checkbox"/>	—	—
Earth Dam & Retaining Structures	<input type="checkbox"/>	—	—	Elective I	<input type="checkbox"/>	—	—
Lab. Practice I	—	<input type="checkbox"/>	—	Elective II	<input type="checkbox"/>	—	—
				Lab. Practice II	—	<input type="checkbox"/>	—
				Seminar I	—	<input type="checkbox"/>	—
Semester III				Semester IV			
Seminar II	—	—	<input type="checkbox"/>	Seminar III	—	<input type="checkbox"/>	—
				Dissertation	—	<input type="checkbox"/>	<input type="checkbox"/>

**Electives I :*

- (a) Reinforced Earth & Geotextile
- (b) Expansive Soils & Soil Stabilization
- (c) Rock Mechanics
- (d) Foundations of Offshore Structures

**Electives II :*

- (a) Geotechnical aspects in Earthquake Engineering
- (b) Underground Openings
- (c) Environmental Geotechnology
- (d) Soil Structure Interaction

[P.T.O.]

M.E. (Civil) (T & CP) (6)

Semester I				Semester II			
	PP	TW	Oral		PP	TW	Oral
Historic Development and Planning Theory	<input type="checkbox"/>	—	—	Advanced Planning Techniques and Practice	<input type="checkbox"/>	—	—
Spatial Aspect of Planning & Computer Applications	<input type="checkbox"/>	—	—	Social Information & Housing	<input type="checkbox"/>	—	—
Environmental Aspects of Planning & Utility Services	<input type="checkbox"/>	—	—	Economics Aspects of Planning	<input type="checkbox"/>	—	—
Planning for Traffic Transportation	<input type="checkbox"/>	—	—	Law in Relation to Planning	<input type="checkbox"/>	—	—
Planning Studio.I	—	<input type="checkbox"/>	<input type="checkbox"/>	Elective	<input type="checkbox"/>	—	—
				Planning Studio.II	—	<input type="checkbox"/>	—
Semester III				Semester IV			
Planning Administration and Professional Practice	<input type="checkbox"/>	—	—	Seminar-III	—	—	<input type="checkbox"/>
Planning Studio.III	—	<input type="checkbox"/>	<input type="checkbox"/>	Dissertation	—	<input type="checkbox"/>	<input type="checkbox"/>

**Electives :*

- (a) Urban Design & Landscape Design
 - (b) Informal Sector Planning
 - (c) Urban Renewal
 - (d) Remote Sensing & GIS
 - (e) Rural Development
 - (f) Conservation & Presentation in Planning
 - (g) Models in Planning & System Analysis
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