

M.E. Production (CAD/CAM)

Electrical (Control System)

Electrical (Power System) Production (Manu. & Auto)

Seat No :

October/April 20 .

Sr. No. :



University of Pune

EXAMINATION FOR DEGREE IN MASTER OF ENGINEERING (REVISED 2008 COURSE)

UNIPUNE ID No.

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(Number given by Eligibility Section)

To,

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

Sir,

I request permission to present myself for the Examination in Master of Engineering ()
2008 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 Letter) 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.

P.R.N.

(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 of the Guide) Signature
Designation

CERTIFICATE BY THE HEAD/PRINCIPAL 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. Electrical (Control System)
(2008 Course)

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem - I						Sem - II					
503101	Advance Mathematical Technique for Control System	<input type="checkbox"/>	—	—	—	503108	Multivariable & Optimal Control System	<input type="checkbox"/>	—	—	—
503102	Process Control Management	<input type="checkbox"/>	—	—	—	503109	System Identification & Adaptive Control	<input type="checkbox"/>	—	—	—
503103	Nonlinear Control System	<input type="checkbox"/>	—	—	—	503110	Advanced Digital Control Technique	<input type="checkbox"/>	—	—	—
503104	Elective - I	<input type="checkbox"/>	—	—	—	503111	Elective - III	<input type="checkbox"/>	—	—	—
503105	Elective - II	<input type="checkbox"/>	—	—	—	503112	Elective - IV (Open)	<input type="checkbox"/>	—	—	—
503106	Lab. Practice - I	—	<input type="checkbox"/>	—	—	503113	Lab. Practice - II	—	<input type="checkbox"/>	—	—
503107	Seminar - I	—	<input type="checkbox"/>	—	—	503114	Seminar - II	—	<input type="checkbox"/>	—	—
Sem - III						Sem - IV					
603101	Seminar - III	—	<input type="checkbox"/>	—	—	603102	Project Stage - II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
603102	Project Stage - I	—	<input type="checkbox"/>	—	—						

Elective - I (any One)

- i) Automation & Robotics
- ii) Modeling & Dynamic System

Elective - III (any One)

- i) Robust Control Systems
- ii) Stochastics Dynamical Systems
- iii) Large Scale System

Elective - II (any One)

- i) Advanced Topics in Control Systems
- ii) Computer Aided Control Systems Design.
- iii) SCADA System & Applications

Elective - IV (any One)

- i) Intelligent Control
- ii) Advanced Drives & Control
- iii) Open *

M. E. Electrical (Power Systems)
(2008 Course)

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem. - I						Sem. - II					
503201	Computer Applications in Power Systems	<input type="checkbox"/>	—	—	—	503208	Power System Dynamics	<input type="checkbox"/>	—	—	—
503202	Power Sector Economics, Management and Restructuring	<input type="checkbox"/>	—	—	—	503209	Power System Planning & Reliability	<input type="checkbox"/>	—	—	—
503203	Power System Modeling	<input type="checkbox"/>	—	—	—	503210	High Voltage Power Transmission	<input type="checkbox"/>	—	—	—
503204	Elective - I	<input type="checkbox"/>	—	—	—	503211	Elective - III	<input type="checkbox"/>	—	—	—
503205	Elective - II	<input type="checkbox"/>	—	—	—	503212	Elective - IV	<input type="checkbox"/>	—	—	—
503206	Lab-Practice - I	—	<input type="checkbox"/>	—	—	503213	Lab-Practice - II	—	<input type="checkbox"/>	—	—
503207	Seminar - I	—	<input type="checkbox"/>	—	—	503214	Seminar - II	—	<input type="checkbox"/>	—	—
Sem. - III						Sem - IV					
603201	Seminar III	—	<input type="checkbox"/>	—	—	603202	Project Stage - II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
603202	Project Stage - I	—	<input type="checkbox"/>	—	—						

Elective I (any One)

- i) Digital Signal Processing and its Applications
- ii) Advanced Power Electronics

Elective III (any One)

- i) Digital Power System Protection
- ii) Power Electronics Applications in Power Systems

Elective II (any One)

- i) Artificial intelligence and its applications in Power Systems.
- ii) Renewable Energy Sources

Elective IV (any One)

- i) Power Quality Assessment and Mitigation
- ii) Partial Discharges in Electrical Power Apparatus
- iii) Open *

ME Production Engineering (Manufacturing and Automation)
(2008 Course)

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem. - I						Sem. - II					
511101	Mathematics & Statistics	<input type="checkbox"/>	—	—	—	511108	Material Technology	<input type="checkbox"/>	—	—	—
511102	CAD/CAM/CIM	<input type="checkbox"/>	—	—	—	511109	Manufacturing Management	<input type="checkbox"/>	—	—	—
511103	Advance manufacturing Processes	<input type="checkbox"/>	—	—	—	511110	Industrial Automation	<input type="checkbox"/>	—	—	—
511104	Elective I	<input type="checkbox"/>	—	—	—	511111	Elective III	<input type="checkbox"/>	—	—	—
511105	Elective II	<input type="checkbox"/>	—	—	—	511112	Elective IV (Open)	<input type="checkbox"/>	—	—	—
511106	Lab Practice I	—	<input type="checkbox"/>	—	—	511113	Lab Practice II	—	<input type="checkbox"/>	—	—
511107	Seminar I	—	<input type="checkbox"/>	—	—	511114	Seminar II	—	<input type="checkbox"/>	—	—
Sem. - III						Sem. - IV					
511115	Seminar III	—	<input type="checkbox"/>	—	—	511117	Project Stage II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
511116	Project Stage I	—	<input type="checkbox"/>	—	—						

Elective I (any One) (511104)

1. Advance Mechatronics
2. Reliability & Failure Analysis
3. Supply Chain Management
4. Advance Machine Tool Design

Elective II (any One) (511105)

1. Advance Robotics
2. Sheet Metal processing
3. Tool and Die Design
4. Engineering Economics & Accounting

Elective III (any One) (511111)

1. Plastics Processing
2. Product Life Cycle Management
3. Welding & Joining,
4. Surface Treatment Processes

Elective IV (any One) (511112)

1. Optimization Techniques
2. Research methodologies
3. Intellectual Property Rights & Product Design
4. Energy Management

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ME Production (CAD / CAM)
(2008 Course)

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem. I						Sem. II					
511201	Computer Aided Design	<input type="checkbox"/>	—	—	—	511208	Computer Integrated Manufacturing	<input type="checkbox"/>	—	—	—
511202	Computer Aided Manufacturing	<input type="checkbox"/>	—	—	—	511209	Finite Element Analysis	<input type="checkbox"/>	—	—	—
511203	Optimization Techniques	<input type="checkbox"/>	—	—	—	511210	Advanced Mathematics	<input type="checkbox"/>	—	—	—
511204	Elective I	<input type="checkbox"/>	—	—	—	511211	Elective III	<input type="checkbox"/>	—	—	—
511205	Elective II	<input type="checkbox"/>	—	—	—	511212	Elective IV	<input type="checkbox"/>	—	—	—
511206	Lab. Practice I	—	<input type="checkbox"/>	—	—	511213	Lab. Practice II	—	<input type="checkbox"/>	—	—
511207	Seminar I	—	<input type="checkbox"/>	—	—	511214	Seminar II	—	<input type="checkbox"/>	—	—
Sem. III						Sem. IV					
611215	Seminar III	—	<input type="checkbox"/>	—	—	611217	Project Stage II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
611216	Project Stage I	—	<input type="checkbox"/>	—	—						

Elective I (any One) (511204)

1. Advanced Stress Analysis
2. Tribology & Surface Engineering
3. Industrial Robotics and Artificial Intelligence
4. Concurrent Product Design

Elective II (any One) (511205)

1. Mechatronics
2. Rapid Prototyping
3. Energy Management
4. CAD/CAM/CAE Software Development

Elective III (any One) (511211)

1. Manufacturing System Design
2. Advanced Materials and Processing
3. Product Life Cycle Management
4. Quality and Reliability Engineering

Elective IV (any One) (511212)

1. Technology Management
2. Design of Experiments and Research Methodology
3. Computational Fluid Dynamics Product Design
4. Computer Aided Production Planning