



F.E. (New)
[July, 2017-2018 Course CGPA-(60-40Pattern)]
Examinations, NOV/DEC.2017

NORTHMAHARASHTRAUNIVERSITY, JALGAON

Circular No. 231 of 2017

[July, 2017 Course CGPA-(60-40Pattern)]

Programme of F. E. (New) Examinations, Nov/Dec. 2017

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
2. Candidates are forbidden to take any Study material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
3. Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
4. Candidates are requested to note the date, day, time and place of every paper on every day.
5. Candidates are permitted to use stencils at the time of examinations.
6. The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
7. Use of non-programmable, battery operated Electronic Calculator of pocket size is allowed. The Exchange of Calculator is not allowed.
8. No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
9. The list of centres & Places of Examination shall be as notified by the University.
10. The university reserves right to make timely changes in an examination timetable.
11. The written examinations will be conducted in the following order...

TIME TABLE

Day & Date	Subject & Time: 10.00 am to 01.00 pm Sem.- I	Sub. Code
Monday 27.11.2017	Applied Physics - I	110101
Wednesay 29.11.2017	Applied Chemitry - I	110102
Saturday 02.12.2017	Applied Mathematics - I	110103
Monday 04.12.2017	Communicative English	110104
Wednesday 06.12.2017	Indtroduction to civil Engineering & Engineering Mechanics	110105
Friday 08.12.2017	Indtroduction to Electrical Engineering	110106

Note: - Students should mention subject Code No. on Answer-book with Name of Subject

Post Box No. 80,
Jalgaon 425 001,
NMU/FE/cgpa-(60-40 Patt)/ 7-B /3954/ 2017
Date : 14.10.2017

(Dr. D. N. Gujarathi)
Director,
Board of Examinations and Evaluation



NORTH MAHARASHTRA UNIVERSITY, JALGAON

Circular No. 234 of 2017

Programme of the S. E. (All Branches) (Sem-III & IV)

Course July 2013 (CGPA) And Course July 2006 (Old)

Examinations, Nov/Dec. 2017

- 1 Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
- 2 Candidates are forbidden to take any Study material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
- 3 Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
- 4 Candidates are requested to note the date, day, time and place of every paper on every day.
- 5 Candidates are permitted to use stencils at the time of examinations.
- 6 The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- 7 Use of non-programmable, battery operated Electronic Calculator of pocket size is allowed. The Exchange of Calculator is not allowed.
- 8 No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
- 9 The list of centers & Place of Examination are notified as per university Circular.
- 10 University reserves right to make timely changes in examination time-table.
- 11 **The Repeater Students of SE (Old) Term-I & II will have to appear under equivalent subjects of S.E. (CGPA) Course**
- 12 The written examinations will be conducted in the following order...

TIME - TABLE

Day & Date	Subject & Time 10.00 am. to 01.00 pm.			Sub.Code
Sem-III				
16.11.2017 THURSDAY	Civil	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	113101
	Mechanical	▪	Fluid Mechanics (Also Old Sem-IV Equivalence)	123101
	Automobile	▪	Fluid Mechanics (Also Old Sem-IV Equivalence)	213101
	Production	▪	Manufacturing Science – I (Only Old Sem-III)	1040
	Electronics	▪	Solid State Devices & Circuits-I (Also Old Sem-III Equivalence)	143101
	Electrical	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	163101
	Elec. & Telecomm.	▪	Solid State Devices & Circuits-I (Also Old Sem-III Equivalence)	183101
	Elec. & Commun.	▪	Solid State Devices & Circuits-I (Also Old Sem-III Equivalence)	233101
	Instrumentation	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	153101
	Computer	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	173101
	I. T.	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	223101
	Chemical	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	193101
Biotechnology	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	243101	



S.E. (CGPA) (All Branches) Sem-III & IV (New/Old)
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 10.00 am. to 01.00 pm.			Sub.Code
Sem-IV				
18.11.2017 SATURDAY	Civil	▪	Theory of Structures-I (Also Old Sem-IV Equivalence)	114113
	Mechanical	▪	Applied Thermodynamics (Also Old Sem-III Equivalence)	124113
	Automobile	▪	Applied Thermodynamics (Also Old Sem-III Equivalence)	214113
	Production	▪	Fluid Mechanics (Only SE Old Sem-IV)	1090
	Electronics	▪	Microprocessors Management Science (Only SE Old Sem-IV)	144113 1070
	Electrical	▪	Electrical Machine-I Electrical Machine-I (Only SE Old Sem-IV)	164113 1090
	Elec. & Telecomm.	▪	Microprocessors Management Science (Only SE Old Sem-IV)	184113 1070
	Elec. & Commun.	▪	Microprocessors Management Science (Only SE Old Sem-IV)	234113 1070
	Instrumentation	▪	Automatic Control Systems (Also Old Sem-III Equivalence)	154113
	Computer	▪	Data Structures (Also Old Sem-IV Equivalence)	174113
	I. T.	▪	Data Structures (Also Old Sem-IV Equivalence)	224113
	Chemical	▪	Mechanical Operation (Also Old Sem-IV Equivalence)	194113
	Biotechnology	▪	Biostatistics (Also Old Sem-IV Equivalence)	244113

Sem-III				
21.11.2017 TUESDAY	Civil	▪	Building Construction Techniques and Materials (Also Old Sem-III Equivalence)	113104
	Mechanical	▪	Material Science and Metallurgy (Also Old Sem-III Equivalence)	123104
	Automobile	▪	Material Science and Metallurgy (Also Old Sem-III Equivalence)	213104
	Production	▪	Material Science (Only Old Sem-III)	1030
	Electronics	▪	Component Devices & Instrumentation Technology Electronics Materials and Components (Only SE Old Sem-III)	143104 1010
	Electrical	▪	Power System-I (Also Old Sem-IV Equivalence)	163104
	Elec. & Telecomm.	▪	Component Devices & Instrumentation Technology Electronics Materials and Components (Only SE Old Sem-III)	183104 1010
	Elec. & Commun.	▪	Component Devices & Instrumentation Technology Electronics Materials and Components (Only SE Old Sem-III)	233104 1010
	Instrumentation	▪	Measurement Fundamentals (Also Old Sem-III Equivalence)	153104
	Computer	▪	Microprocessor & Microcontroller Digital Systems and Microprocessor (Only SE Old Sem-III)	173104 1030
	I. T.	▪	Digital System & Microprocessor (Also Old Sem-III Equivalence)	223104
	Chemical	▪	Applied Inorganic Chemistry (Also Old Sem-IV Equivalence)	193104
	Biotechnology	▪	Unit Operations-I (Also Old Sem-III Equivalence)	243104



S.E. (CGPA) (All Branches) Sem-III & IV (New/Old)
Examinations, Nov./Dec. 2017

Day & Date	Subject & Time 10.00 am. to 01.00 pm.			Sub.Code
Sem-IV				
23.11.2017 THURSDAY	Civil	▪	Fluid Mechanics-I (Also Old Sem-IV Equivalence)	114112
	Mechanical	▪	Theory of Machines-I (Also Old Sem-IV Equivalence)	124112
	Automobile	▪	Theory of Machines-I (Also Old Sem-IV Equivalence)	214112
	Production	▪	Electrical Machines and Industrial Electronics (Only SE Old Sem-IV)	1100
	Electronics	▪	Solid State Devices & Circuits-II (Also Old Sem-IV Equivalence)	144112
	Electrical	▪	Network Analysis (Also Old Sem-IV Equivalence)	164112
	Elec. & Telecomm.	▪	Solid State Devices & Circuits-II (Also Old Sem-IV Equivalence)	184112
	Elec. & Commun.	▪	Solid State Devices & Circuits-II (Also Old Sem-IV Equivalence)	234112
	Instrumentation	▪	Signals & Systems	154112
	Computer	▪	Microprocessor & Microcontroller Interfacing Microprocessor-I (Only SE Old Sem-IV)	174112 1070
	I. T.	▪	Microprocessor & Microcontroller Interfacing Microprocessor-I Only SE Old Sem-IV)	224112 1070
	Chemical	▪	Process Calculations (Also Old Sem-IV Equivalence)	194112
	Biotechnology	▪	Immunology (Also Old Sem-IV Equivalence)	244112

Sem-III				
25.11.2017 SATURDAY	Civil	▪	Surveying-I (Also Old Sem-III Equivalence)	113105
	Mechanical	▪	Manufacturing Engineering-I (Also Old Sem-III Equivalence)	123105
	Automobile	▪	Manufacturing Engineering-I (Also Old Sem-III Equivalence)	213105
	Production	▪	Strength of Materials (Only Old Sem-III)	1020
	Electronics	▪	Communication Systems-I (Also Old Sem-IV Equivalence)	143105
	Electrical	▪	Electrical Engineering Materials (Also Old Sem-III Equivalence)	163105
	Elec. & Telecomm.	▪	Communication Systems-I (Also Old Sem-IV Equivalence)	183105
	Elec. & Commun.	▪	Communication Systems-I (Also Old Sem-IV Equivalence)	233105
	Instrumentation	▪	Computational Methods & Programming (Also Old Sem-IV Equivalence)	153105
	Computer	▪	Object Oriented Technology Industrial Management and Economics (Only SE Old Sem-III)	173105 1040
	I. T.	▪	Object Oriented Technology Industrial Management and Economics (Only SE Old Sem-III)	223105 1040
	Chemical	▪	Applied Organic Chemistry (Also Old Sem-III Equivalence)	193105
	Biotechnology	▪	Microbiology (Also Old Sem-III Equivalence)	243105



S.E. (CGPA) (All Branches) Sem-III & IV (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject & Time 10.00 am. to 01.00 pm.	Sub.Code
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Sem-IV

26.11.2017 SUNDAY	ALL BRANCHES	▪	ENVIRONMENTAL STUDIES	55555
28.11.2017 TUESDAY	Civil	▪	Engineering Geology (Also Old Sem-IV Equivalence)	114111
	Mechanical	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	124111
	Automobile	▪	Engineering Mathematics-III (Also Old Sem-III Equivalence)	214111
	Production	▪	Manufacturing Science – II (Only SE Old Sem-IV)	1110
	Electronics	▪	Engineering Mathematics-III (Also Old Sem-IV Equivalence)	144111
	Electrical	▪	Analog & Digital Electronics (Also Old Sem-IV Equivalence)	164111
	Elec. & Telecomm.	▪	Engineering Mathematics-III (Also Old Sem-IV Equivalence)	184111
	Elec. & Commun.	▪	Engineering Mathematics-III (Also Old Sem-IV Equivalence)	234111
	Instrumentation	▪	Electronic Instrumentation Thermal and Fluid Power Engg. (Only SE Old Sem-IV)	154111 1100
	Computer	▪	Data Communication (Also Old Sem-IV Equivalence)	174111
	I. T.	▪	Data Communication (Also Old Sem-IV Equivalence)	224111
	Chemical	▪	Chemical Engineering Processes-I (Also Old Sem-IV Equivalence)	194111
Biotechnology	▪	Biochemistry (Also Old Sem-IV Equivalence)	244111	

Sem-III

30.11.2017 THURSDAY	Civil	▪	Concrete Technology (Also Old Sem-III Equivalence)	113103
	Mechanical	▪	Strength of Materials (Also Old Sem-III Equivalence)	123103
	Automobile	▪	Strength of Materials (Also Old Sem-III Equivalence)	213103
	Production	▪	Engineering Mathematics-III (Only Old Sem-III)	1010
	Electronics	▪	Digital Techniques & Applications (Also Old Sem-III Equivalence)	143103
	Electrical	▪	Electrical Measurement-I (Also Old Sem-III Equivalence)	163103
	Elec. & Telecomm.	▪	Digital Techniques & Applications (Also Old Sem-III Equivalence)	183103
	Elec. & Commun.	▪	Digital Techniques & Applications (Also Old Sem-III Equivalence)	233103
	Instrumentation	▪	Analog Circuits & Analysis (Also Old Sem-III Equivalence)	153103
	Computer	▪	Discrete Structure & Graph Theory (Also Old Sem-III Equivalence)	173103
	I. T.	▪	Discrete Structure & Graph Theory (Also Old Sem-III Equivalence)	223103
	Chemical	▪	Fluid Flow Operation (Also Old Sem-III Equivalence)	193103
	Biotechnology	▪	Bioprocess Calculations (Also Old Sem-III Equivalence)	243103



S.E. (CGPA) (All Branches) Sem-III & IV (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject & Time 10.00 am. to 01.00 pm.	Sub.Code
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Sem-IV

05.12.2017 TUESDAY	Civil	▪	Building Design & Drawing * (Time: 10.00am to 02.00pm) (Also Old Sem-IV Equivalence)	114114
	Mechanical	▪	Basic Electrical Drives and Controls (Also Old Sem-IV Equivalence)	124114
	Automobile	▪	Basic Electrical Drives and Controls (Also Old Sem-IV Equivalence)	214114
	Production	▪	---	----
	Electronics	▪	Linear Integrated Circuits Network and Lines (Only SE Old Sem- IV)	144114 1100
	Electrical	▪	Electrical Installation Estimation & Distribution	164114
	Elec. & Telecomm.	▪	Linear Integrated Circuits Network and Lines (Only SE Old Sem- IV)	184114 1100
	Elec. & Commun.	▪	Linear Integrated Circuits Network and Lines (Only SE Old Sem- IV)	234114 1100
	Instrumentation	▪	Sensors & Transducers (Also Old Sem-IV Equivalence)	154114
	Computer	▪	Computer Organization (Also Old Sem-IV Equivalence)	174114
	I. T.	▪	Computer Organization (Also Old Sem-IV Equivalence)	224114
	Chemical	▪	Applied Physical Chemistry (Also Old Sem-III Equivalence)	194114
	Biotechnology	▪	Unit Operations-II Chemistry (Only SE Old Sem- IV)	244114 1080

Sem-III

07.12.2017 THURSDAY	Civil	▪	Strength of Materials (Also Old Sem-III Equivalence)	113102
	Mechanical	▪	Engineering Thermodynamics	123102
	Automobile	▪	Engineering Thermodynamics	213102
	Production	▪	* Machine Drawing and Computer Graphics * (Time: 10.00 am to 2.00 pm) (Only Old Sem-III)	1050
	Electronics	▪	Electrical Circuits and Machines (Also Old Sem-III Equivalence)	143102
	Electrical	▪	Power Plant Engineering A.C. Circuit and Transformer (Only SE Old Sem-III)	163102 1040
	Elec. & Telecomm.	▪	Electrical Circuits and Machines (Also Old Sem-III Equivalence)	183102
	Elec. & Commun.	▪	Electrical Circuits and Machines (Also Old Sem-III Equivalence)	233102
	Instrumentation	▪	Electrical Machines & Networks (Also Old Sem-IV Equivalence)	153102
	Computer	▪	Analog & Digital Electronics Analog Electronics (Only SE Old Sem-III)	173102 1010
	I. T.	▪	Information Theory (Also Old Sem-IV Equivalence)	223102
	Chemical	▪	Chemical Engineering Materials (Also Old Sem-III Equivalence)	193102
	Biotechnology	▪	Concepts in Biotechnology (Also Old Sem-III Equivalence)	243102



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Circular No. 232 of 2017

Programme of T. E. CGPA [All Branches (Sem. V & VI)

Course : Course : July, 2014 (New) And Course July 2007(Old)

Examinations, Nov./Dec. 2017

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
2. Candidates are forbidden to take any Study material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
3. Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
4. Candidates are requested to note the date, day, time and place of every paper on every day.
5. Candidates are permitted to use stencils at the time of examinations.
6. The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
7. Use of non-programmable, battery operated Electronic Calculator of pocketsize is allowed. The Exchange of Calculator is not allowed.
8. No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
9. The list of centers & Place of Examination are notified as per university Circular.
- 10 The Repeater Students of TE (Old) Term-I & II will have to appear under equivalent subjects of T.E.(CGPA) Course**
- 11 University reserves right to make timely changes in examination time table.
12. The written examinations will be conducted in the following order...

TIME - TABLE

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.		Sub.Code
Sem-V			
15.11.2017 WEDNESDAY	Civil	Fluid Mechanics-II (Also Old Sem-V Equivalence)	115103
	Mechanical	Machine Design-I * Time: 2.00 pm to 6.00 pm (Also Old Sem-V Equivalence)	125103
	Production	Machine Design (Only Old Sem-V)	1020
	Automobile	Design of Machine Element (Also Old Sem-V Equivalence)	215103
	Electronics	Biomedical Engineering (Also Old Sem-V Equivalence)	145103
	Electrical	Power Electronics (Also Old Sem-VI Equivalence)	165103
	Elec. & Telecomm.	Microcontrollers & Peripheral Interface Controller	185103
	Elec. & Commun.	Microcontrollers & Peripheral Interface Controller	235103
	Instrumentation	Microcontroller & Application (Also Old Sem-VI Equivalence)	155103
	Computer	Computer Network (Also Old Sem-V Equivalence)	175103
	I. T.	Computer Network (Also Old Sem-V Equivalence)	225103
	Chemical	Instrumentation & Instrumental Analysis (Also Old Sem-VI Equivalence)	195103
Biotechnology	Chemical Reaction Engineering (Also Old Sem-V Equivalence)	245103	



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.	Sub.Code
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Sem-VI

17.11.2017 FRIDAY	Civil	▪	Construction Management-II Geotechnical Engineering – II (Only Old Sem-VI)	116116 1080
	Mechanical	▪	Project and Business Management (Also Old Sem-VI Equivalence)	126116
	Production		Mech. Measurement and Metrology (Only Old Sem-VI)	1110
	Automobile	▪	Project and Business Management Automobile Engines (Only Old Sem-VI)	216116 1100
	Electronics	▪	Entrepreneurship & Business Planning Analog Integrated Circuits and Appl. (Only Old Sem-VI)	146116 1100
	Electrical	▪	Entrepreneurship Development	166116
	Elec. & Telecomm.	▪	Industrial Management Analog Integrated Circuits and Appl. (Only Old Sem-VI)	186116 1100
	Elec. & Commun.	▪	Industrial Management Analog Integrated Circuits and Appl. (Only Old Sem-VI)	236116 1100
	Instrumentation	▪	Project Planning & Estimation	156116
	Computer	▪	Management Information System	176116
	I. T.	▪	Management Information System Web Design (Only Old Sem-VI)	226116 1110
	Chemical	▪	Process Engineering Economics & Costing	196115
	Biotechnology	▪	IPR & Entrepreneurship Biotechnology of Waste Treatment (Only Old Sem-VI)	246115 1090

Sem-V

20.11.2017 MONDAY	Civil	▪	Environmental Engineering-I (Also Old Sem-VI Equivalence)	115104
	Mechanical	▪	Theory of Machine-II (Also Old Sem-V Equivalence)	125104
	Production	▪	Advanced Manufacturing & Forming Process (Only Old Sem-V)	1010
	Automobile	▪	Theory of Machine-II (Also Old Sem-V Equivalence)	215104
	Electronics	▪	Control System Techniques (Also Old Sem-V Equivalence)	145104
	Electrical	▪	Electromagnetic Engineering (Also Old Sem-V Equivalence)	165104
	Elec. & Telecomm.	▪	Feedback Control System (Also Old Sem-V Equivalence)	185104
	Elec. & Commun.	▪	Feedback Control System (Also Old Sem-V Equivalence)	235104
	Instrumentation	▪	Power Electronics (Also Old Sem-VI Equivalence)	155104
	Computer	▪	System Programming (Also Old Sem-V Equivalence)	175104



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.	Sub.Code
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Sem-V

20.11.2017 MONDAY	I. T.	▪	System Programming (Also Old Sem-V Equivalence)	225104
	Chemical	▪	Mass Transfer-I (Also Old Sem-V Equivalence)	195104
	Biotechnology	▪	Enzyme Engineering (Also Old Sem-V Equivalence)	245104

Sem-VI

22.11.2017 WEDNESDAY	Civil	▪	Theory of Structures-II (Also Old Sem-VI Equivalence)	116113
	Mechanical	▪	Numerical Analysis and Computational Methods (Also Old Sem-V Equivalence)	126113
	Production		Tool Engineering – II (Only Old Sem-VI)	1090
	Automobile	▪	Autotronics	216113
	Electronics	▪	Communication System-II (Also Old Sem-VI Equivalence)	146113
	Electrical	▪	Electrical Measurement-II (Also Old Sem-VI Equivalence)	166113
	Elec. & Telecomm.	▪	Power Electronics (Also Old Sem-VI Equivalence)	186113
	Elec. & Commun.	▪	Power Electronics (Also Old Sem-VI Equivalence)	236113
	Instrumentation	▪	Data Communication & Telemetry Communication Engg. & Telemetry (Only Old Sem-VI)	156113 1100
	Computer	▪	Object Oriented Modeling & Design Microprocessor – III (Only Old Sem-VI)	176113 1070
	I. T.	▪	Object Oriented Modeling & Design Management Information Systems (Only Old Sem-VI)	226113 1070
	Chemical	▪	Chemical Reaction Engineering-I (Also Old Sem-VI Equivalence)	196112
	Biotechnology	▪	Genetic Engineering (Also Old Sem-V Equivalence)	246112

Sem-V

24.11.2017 FRIDAY	Civil	▪	Construction Management-I	115105
	Mechanical	▪	Industrial Engineering and Safety	125105
	Production	▪	Applied Thermodynamics (Only Old Sem-V)	1050
	Automobile	▪	Transport Management and Safety Regulations (Also Old Sem-VI Equivalence)	215105
	Electronics	▪	Industrial Organization & Management	145105
	Electrical	▪	Industrial Organization & Management (Also Old Sem-VI Equivalence)	165105
	Elec. & Telecomm.	▪	Electromagnetic Engineering (Also Old Sem-V Equivalence)	185105



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.	Sub.Code
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Sem-V

24.11.2017 FRIDAY	Elec. & Commun.	▪ Electromagnetic Engineering (Also Old Sem-V Equivalence)	235105
	Instrumentation	▪ Industrial Management & Economics Electronic Instrumentation (Only Old Sem-V)	155105 1040
	Computer	▪ Principles of Management Computer Graphics (Only Old Sem-V)	175105 1040
	I. T.	▪ Principles of Management Computer Graphics (Only Old Sem-V)	225105 1040
	Chemical	▪ Industrial Economics and Management	195105
	Biotechnology	▪ Bioprocess Industrial Economics & Management Bio Process Principles (Only Old Sem-V)	245105 1010

Sem-VI

27.11.2017 MONDAY	Civil	▪ Structural Design-II * Time: 2.00 pm to 6.00 pm *Structural Design & Drawing - II * Time: 2.00 pm to 6.00 pm (Only Old Sem-VI)	116112 1060
	Mechanical	▪ Machine Design-II * Time: 2.00 pm to 6.00 pm (Also Old Sem-VI Equivalence)	126112
	Automobile	▪ Automobile System (Also Old Sem-VI Equivalence)	216112
	Electronics	▪ Electromagnetic Engineering (Also Old Sem-V Equivalence)	146112
	Electrical	▪ Control System-I (Also Old Sem-VI Equivalence)	166112
	Elec. & Telecomm.	▪ Industrial Economics & Telecom Regulation Information Theory and Coding Tech. (Only Old Sem-VI)	186112 1100
	Elec. & Commun.	▪ Industrial Economics & Telecom Regulation Information Theory and Coding Tech. (Only Old Sem-VI)	236112 1100
	Instrumentation	▪ Digital Control System Discrete Control System & MATLAB. (Only Old Sem-VI)	156112 1080
	Computer	▪ Operating System (Also Old Sem-VI Equivalence)	176112
	I. T.	▪ Operating System (Also Old Sem-VI Equivalence)	226112
	Chemical	▪ Process Equipment Design-II (Also Old Sem-VI Equivalence)	196111
	Biotechnology	▪ Bioprocess Engineering	246111



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.	Sub.Code
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Sem-V

29.11.2017 WEDNESDAY	Civil	▪	Structural Design-I * Time: 2.00 pm to 6.00 pm (Also Old Sem-V Equivalence)	115101
	Mechanical	▪	Heat Transfer (Also Old Sem-V Equivalence)	125101
	Production	▪	Personal Management & Industrial Relations (Only Old Sem-V)	1040
	Automobile	▪	Heat Transfer (Also Old Sem-V Equivalence)	215101
	Electronics	▪	Microcontroller Systems (Also Old Sem-V Equivalence)	145101
	Electrical	▪	Electrical Machines-II (Also Old Sem-V Equivalence)	165101
	Elec. & Telecomm.	▪	Electronic Circuit Design (Also Old Sem-VI Equivalence)	185101
	Elec. & Commun.	▪	Electronic Circuit Design (Also Old Sem-VI Equivalence)	235101
	Instrumentation	▪	Control System Components (Also Old Sem-V Equivalence)	155101
	Computer	▪	Software Engineering (Also Old Sem-VI Equivalence)	175101
	I. T.	▪	Software Engineering (Also Old Sem-VI Equivalence)	225101
	Chemical	▪	Process Equipment Design-I (Also Old Sem-V Equivalence)	195101
	Biotechnology	▪	Bioprocess Instrumentation & Analysis (Also Old Sem-VI Equivalence)	245101

Sem-VI

02.12.2017 SATURDAY	Civil	▪	Geotechnical Engineering-I (Also Old Sem-V Equivalence)	116114
	Mechanical	▪	Metrology and Quality Control (Also Old Sem-VI Equivalence)	126114
	Production		Machine Tools & Product Design (Only Old Sem-VI)	1120
	Automobile	▪	Metrology and Quality Control (Also Old Sem-VI Equivalence)	216114
	Electronics	▪	Electronic Measurement Techniques (Also Old Sem-VI Equivalence)	146114
	Electrical	▪	Electrical Machine Design (Also Old Sem-VI Equivalence)	166114
	Elec. & Telecomm.	▪	Electronic Measurement (Also Old Sem-VI Equivalence)	186114
	Elec. & Commun.	▪	Electronic Measurement (Also Old Sem-VI Equivalence)	236114
	Instrumentation	▪	Process Instrumentation (Also B E Old Sem-VII Equivalence)	156114



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec. 2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.		Sub.Code
Sem-VI			
02.12.2017 SATURDAY	Computer	▪ Database Management System (Also Old Sem-VI Equivalence)	176114
	I. T.	▪ Database Management System (Also Old Sem-VI Equivalence)	226114
	Chemical	▪ Chemical Engineering Thermodynamics (Also Old Sem-V Equivalence)	196113
	Biotechnology	▪ Fermentation Technology (Also Old Sem-VI Equivalence)	246113
Sem-V			
04.12.2017 MONDAY	Civil	▪ Infrastructural Engineering-I (Also Old Sem-V Equivalence)	115102
	Mechanical	▪ Internal Combustion Engine (Also Old Sem-V Equivalence)	125102
	Production	▪ Tool Engineering – I (Only Old Sem-V)	1030
	Automobile	▪ Internal Combustion Engines (Also Old Sem-V Equivalence)	215102
	Electronics	▪ Network System & Filter Design	145102
	Electrical	▪ Power System-II (Also Old Sem-V Equivalence)	165102
	Elec. & Telecomm.	▪ Communication System-II (Also Old Sem-V Equivalence)	185102
	Elec. & Commun.	▪ Communication System-II (Also Old Sem-V Equivalence)	235102
	Instrumentation	▪ Digital Signal Processing Microprocessor Techniques (Only Old Sem-V)	155102 1010
	Computer	▪ Formal Language & Automata Theory (Also Old Sem-V Equivalence)	175102
	I. T.	▪ Formal Language & Automata Theory (Also Old Sem-V Equivalence)	225102
	Chemical	▪ Process Heat Transfer (Also Old Sem-V Equivalence)	195102
	Biotechnology	▪ Molecular Biology Biological Thermodynamics (Only Old Sem-VI)	245102 1070
Sem-VI			
06.12.2017 WEDNESDAY	Civil	▪ Infrastructural Engineering-II (Also Old Sem-VI Equivalence)	116115
	Mechanical	▪ Turbomachinery (Also Old Sem-VI Equivalence)	126115
	Production	▪ Ind. Hydraulics and Pneumatics (Only Old Sem-VI)	1100
	Automobile	▪ Finite Element Analysis	216115
	Electronics	▪ Electronic Circuit Design (Also Old Sem-VI Equivalence)	146115
	Electrical	▪ Microprocessor & Microcontroller (Also Old Sem-V Equivalence)	166115



T.E. (CGPA) (All Branches) Sem-V & VI (New/Old)
Examinations, Nov/Dec.2017

Day & Date	Subject and Time:02.00 p.m. to 05.00 p.m.	Sub.Code
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Sem-VI

06.12.2017 WEDNESDAY	Elec. & Telecomm.	▪	Audio Video Engineering	186115
	Elec. & Commun.	▪	Audio Video Engineering	236115
	Instrumentation	▪	Analytical Instrumentation (Also Old Sem-VI Equivalence)	156115
	Computer	▪	Analysis & Design of Algorithms (Also Old Sem-VI Equivalence)	176115
	I. T.	▪	E-Commerce	226115
	Chemical	▪	Mass Transfer-II (Also Old Sem-VI Equivalence)	196114
	Biotechnology	▪	Mass Transfer (Also Old Sem-V & VI Equivalence)	246114

Sem-V

08.12.2017 FRIDAY	Civil	▪	Numerical Methods in Civil Engineering (Only Old Sem-V)	1050
	Electronics	▪	Network Analysis & Synthesis (Only Old Sem-V)	1050
	Elec. & Telecomm.	▪	Network Analysis & Synthesis (Only Old Sem-V)	1050
	Elec. & Commun.	▪	Network Analysis & Synthesis (Only Old Sem-V)	1050
	Instrumentation	▪	Unit Operation (Only Old Sem-V)	1050
	Automobile	▪	* CAD / CAM * (Time: 2.00 pm to 6.00 pm) (Only Old Sem-V)	1030
	Electrical	▪	Electrical Installation Estimation & Distribution (Only Old Sem-V)	1010
	Computer	▪	Microprocessor – II (Only Old Sem-V)	1010
	I. T.	▪	Multimedia Techniques (Only Old Sem-V)	1010

Sem-VI

11.12.2017 MONDAY	Mechanical		Engineering Metallurgy (Only Old Sem-VI)	1080
	Production		Engineering Metallurgy (Only Old Sem-VI)	1080
	Automobile		Engineering Metallurgy (Only Old Sem-VI)	1080
	Electronics	▪	Mechatronics (Only Old Sem-VI)	1070

Sem-V

13.12.2017 WEDNESDAY	Elec. & Telecomm.	▪	Microprocessor & Microcontroller System (Only Old Sem-V)	1040
	Elec. & Commun.	▪	Microprocessor & Microcontroller System (Only Old Sem-V)	1040
	Instrumentation	▪	Linear Techniques (Only Old Sem-V)	1030

* Please Note the Timings.

Note :- Students Should Mention Subject Code No. On Answerbook With Name of Subject.

Post Box No. 80,
Jalgaon 425 001,
NMU / T.E.(CGPA./7-B /3955 / 2017
Date : 14/10 /2017

(Dr.D.N.Gujarathi)
DIRECTOR,
BOARD OF EXAMINATIONS & EVALUATIONS



NORTH MAHARASHTRA UNIVERSITY, JALGAON

Circular No. 233 of 2017

Programme of B.E. [All Branches] (Sem-VII & VIII)

{{Course: July, 2015)-(Old Course July, 2008}}

Examinations, NOV/DEC. 2017

- 1) Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
- 2) Candidates are forbidden to take any Study material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
- 3) Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
- 4) Candidates are requested to note the date, day, time and place of every paper on every day.
- 5) Candidates are permitted to use stencils at the time of examinations.
- 6) The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- 7) Use of non-programmable, battery operated Electronic Calculator of pocket size is allowed. The Exchange of Calculator is not allowed.
- 8) No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
- 9) The list of centers & Place of Examination are notified as per university Circular.
- 10) University reserves right to make timely changes in examination time-table.
- 11) The written examinations will be conducted in the following order...

TIME - TABLE

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.	Sub Code	
SEM : VII (ELECTIVE – I)			
16.11.2017 THURSDAY	B.E. (Civil)	Numerical Methods in Civil Engineering	117141
		Sustainable Building Technology	117142
		Watershed Management (Also old sem. VII equivalence)	117143
		Open Channel & Conduit Flow (Also old sem. VII equivalence)	117144
	B.E. (Mechanical)	Advanced Machine Design (Also old sem. VII equivalence)	127142
		Machine Tool Design (Also old sem. VII equivalence)	127143
		Automobile Engineering – I (Also old sem. VII equivalence)	127144
		Product Development and Rapid Prototyping (only old sem. VII)	1254
		Fluid Machinery (Only old Sem. VII)	1256
	B.E. (Automobile)	Vehicle Body Engineering (Also old sem. VII equivalence)	217141
		Tribology (Also old sem. VII equivalence)	217142
		Numerical Analysis and Computational Method (Also old sem. VII equivalence)	217143
		Advanced Engine Technology	217144
		Machine Tool Design (Only old Sem. VII)	1214
	B.E. (Production) (Only Old Term- I)	Operation Research	1241
		Non Conventional Energy System	1242
Product Development & Rapid Prototyping		1243	
Material Handling Systems		1244	
Advanced Tool & Die Design		1245	



B.E. (CGPA) (All Branches) Sem-VII & VIII
{{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.	Sub Code	
SEM : VII (ELECTIVE – I)			
16.11.2017 THURSDAY	B.E. (Elect. & Telecomm.	VLSI Design (Also old sem. VII equivalence) Broadband Communication (Also old sem. VII equivalence) Biomedical Engineering (Also old sem. VII equivalence) Industrial Automation Data Communication & Design (Only old Sem. VII) System Programming (Only old Sem. VII)	187141 187142 187143 187144 1251 1253
	B.E. E & C	VLSI Design (Also old sem. VII equivalence) Broadband Communication (Also old sem. VII equivalence) Biomedical Engineering (Also old sem. VII equivalence) Industrial Automation Data Communication & Design (Only old Sem. VII) System Programming (Only old Sem. VII)	237141 237142 237143 237144 1251 1253
	B.E. (Electronics)	VLSI Design. (Also old sem. VII equivalence) Digital Communication Systems. (Also old sem. VII equivalence) Neural Network and Fuzzy Logic. (Also old sem. VII equivalence) Object Oriented Programming. Biomedical Instrumentation (Only old Sem. VII) Artificial Intelligence (Only old Sem. VII)	147141 147142 147143 147144 1253 1254
	B.E. (Electrical)	Digital Signal Processing Control System-II (Also old sem. VII equivalence) Electric Traction Engineering (also old sem.VII) Optimization Techniques (Only old Sem. VII) Power System Dynamics (Only old Sem. VII)	167142 167143 167144 1254 1255
	B.E. (Instrumentation)	Modeling & Simulation (Only old Sem. VII) Industrial Drives and Control Environmental Instrumentation (Also old sem. VIII equivalence) Fiber Optics & Laser Instrumentation Neural Network & Fuzzy Logic Instrumentation (also old sem. VIII) Artificial Intelligence (Only old Sem. VII) Virtual Instrumentation (Only old Sem.VII)	1241 157141 157142 157143 157144 1243 1245
	B.E. (Computer)	Advanced Computer Architecture (Also old sem. VIII equivalence) Android Programming Human Computer Interaction Operational Research (Only old Sem. VII) Image Processing (Only old Sem. VII)	177141 177142 177143 1211 1213
	B.E. (Information Tech.)	Pattern Recognition Android Programming Human Computer Interaction Artificial Intelligence Operational Research (Only old Sem.VII) Image Processing (Only old Sem. VII)	227141 227142 227143 227144 1211 1213
	B.E. (Chemical)	Biochemical Engineering (Also old sem. VII equivalence) Petrochemical Technology (Also old sem. VII equivalence) Computational Fluid Dynamics (Also old sem. VII equivalence) Piping Design (Also old sem. VII equivalence)	197141 197142 197143 197144



B.E. (CGPA) (All Branches) Sem-VII & VIII)
{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.	Sub Code		
SEM : VII (ELECTIVE – I)				
16.11.2017 THURSDAY	B.E. (Biotechnology)	Food Biotechnology (Also old sem. VII equivalence)	247151	
		Plant Biotechnology	247152	
		Animal Biotechnology	247153	
		Environmental Biotechnology	247154	
		Advanced Biomaterials (Only old Sem. VII)	1241	
		Plant Tissue Culture & Plant Biotechnology (Only old Sem. VII)	1242	
		Protein Engineering (Only old Sem. VII)	1243	
SEM : VIII (ELECTIVE – II)				
18.11.2017 SATURDAY	B.E. (Civil)	Advanced Structural Design . (Also old sem.VIII equivalence) *(Time : 02.00 pm to 06.00 pm)	118141	
		Construction Management (Only Old-II)	1290	
		Earthquake Engineering	118142	
		System Approach in Civil Engineering	118143	
		Construction Safety & Disaster Management	118144	
		B.E. (Mechanical)	Tribology (Also old sem. VIII equivalence)	128141
			Power Plant Engineering (Also old sem. VIII equivalence)	128142
	Process Equipment Design (Also old sem. VIII equivalence)		128143	
	Energy Engineering. (Only old –Sem VIII)		1315	
	B.E. (Automobile)	Computer Aided Design and Computer Aided Manufacturing (Also old sem. VIII equivalence)	218141	
		Analysis and Synthesis of Mechanism (Also old sem. VIII equivalence)	218142	
		Automobile Painting & Collision Repairs (Also old sem. VIII equivalence)	218143	
	B.E. (Elect. & Telecomm.	Embedded System (Also old sem. VIII equivalence)	188141	
		Digital Image Processing (Also old sem. VIII equivalence)	188142	
		Telematics (Also old sem. VIII equivalence)	188143	
		Neural Network and Fuzzy Logic (Also old sem.VIII equivalence)	188144	
	B.E.(E & C)	Embedded System (Also old sem. VIII equivalence)	238141	
		Digital Image Processing (Also old sem. VIII equivalence)	238142	
		Telemetric (Also old sem. VIII equivalence)	238143	
		Neural Network and Fuzzy Logic (Also old sem. VIII equivalence)	238144	
	B.E. (Electronics)	Embedded Systems (Also old sem. VIII equivalence)	148141	
		Digital Image Processing	148142	
		Microelectronics	148143	
		Multimedia Systems	148144	
	B.E. (Electrical)	Computer Aided Power System Analysis (Also old sem. VII equivalence)	168141	
		Industrial Automation	168142	
		Advance Microprocessor	168143	
		Power System Design Practice(Also old sem. VIII equivalence)	168144	
Flexible AC Transmission (Only old sem. VIII)		1311		
B.E. (Instrumentation)	Power Plant Instrumentation	158141		
	Computer Network (Also old sem. VIII equivalence)	158142		
	Agricultural Instrumentation (Also old sem. VIII equivalence)	158143		
	Soft Computing	158144		
	Robotics & Automation (Only old sem. VIII)	1313		
B.E. (Computer)	Software Metrics and Quality Assurance (Also old sem.VIII equivalence)	178141		
	Distributed Systems	178142		
	Cryptography & Network Security	178143		
	Neural Networks and Fuzzy Logic (Also old sem.VIII equivalence)	178144		
	Mobile Network (Only old to sem.VIII)	1282		



B.E. (CGPA) (All Branches) Sem-VII & VIII)
{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time	Sub Code	
	02.00 pm. to 05.00 pm.		
SEM : VIII (ELECTIVE – II)			
18.11.2017 SATURDAY	B.E. (Information Tech.)	Software Metrics and Quality Assurance (Also old sem.VIII equivalence)	228141
		Distributed Systems	228142
		Cryptography & Network Security	228143
		Neural Networks and Fuzzy Logic	228144
		Artificial intelligence and Neural Network (also old sem.VIII)	1281
		Mobile Network (also old sem.VIII)	1282
		Information Retrieval (also old sem.VIII)	1283
	B.E. (Chemical)	Industrial Pollution and Control (Also old sem.VIII equivalence)	198131
		Advance Separation Techniques (Also old sem.VIII equivalence)	198132
		Polymer Technology (Also old sem.VIII equivalence)	198133
		Oil Technology (Also old sem.VIII equivalence)	198134
	B.E. (Biotechnology)	Genomic and Proteomics	248131
		Good Manufacturing Practices	248132
Pharmaceutical Biotechnology		248133	
Nanobiotechnology		248134	
21.11.2017 TUESDAY	B.E. (CIVIL)	Construction Management-I (Old & ONLY OLD TO CGPA)	1210 117151
	B.E. (Mechanical)	Mechatronics (Also old sem. VII equivalence)	127141
	B.E. (Electrical)	Industrial Electrical Engineering (Also old sem. VII equivalence)	167141
	B.E. (Computer)	Advanced Computer Network (Also old sem. VII equivalence)	177144
	B.E. Electronics	Embed System (Sem.VIII)	1311
	B.E. Instrumentation	Distributed Control System (Sem.VIII)	1280

SEM : VII (Interdisciplinary Elective – I)

23.11.2017 THURSDAY	B.E. (Civil)	Finite Element Methods (Also old sem. VII equivalence)	117131
		Geographical Information systems	117132
	B.E. (Mechanical)	Operation Research Techniques	127131
		Energy Resources and Technology	127132
	B.E. (Automobile)	Automobile Systems	217131
		Transport Management and Motor Industry	217132
	B.E. (Elect. & Telecomm.	Automotive Electronics	187131
		Image Processing	187132
	B.E. E & C	Automotive Electronics	237131
		Image Processing	237132
	B.E. (Electronics)	Transducers and Measurement Techniques.	147131
		Digital Signal Processing and Image Processing.	147132
	B.E. (Electrical)	Energy Audit and Conservation	167131
Energy Audit and Conservation (only old sem. VII)		1230	
Renewable Energy Sources		167132	
B.E. (Instrumentation)	Programmable Logic Controller & Distributed Control System	157131	
	Virtual Instrumentation and LABVIEW	157132	
B.E. (Computer)	Software Engineering & Project Management	177131	
	Enterprise Resource Planning and SAP	177132	
B.E. (Information Tech.)	Software Engineering & Project Management	227131	
	Enterprise Resource Planning and SAP	227132	
B.E. (Chemical)	Energy Engineering (Also old sem. VII equivalence)	197131	
	Industrial Hazards & Safety (Also old sem. VII equivalence)	197132	
B.E. (Biotechnology)	Biotechnology of Waste Treatment	247141	
	Biomedical Instrumentation	247142	
	Biomechanics	247143	



B.E. (CGPA) (All Branches) Sem-VII & VIII
{{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.	Sub Code
SEM : VIII (ELECTIVE – III)		
25.11.2017 SATURDAY	B.E. (Civil)	Water Power Engineering (Also old sem.VIII equivalence) 118151 Industrial Pollution & Control (Only old sem.VIII) 118152 Architecture and Town Planning 118153 Retrofitting of Structures 118154
	B.E. (Mechanical)	Introduction to Robotics (Also old sem VIII equivalence) 128151 Advanced Welding Technology (Also old sem VII equivalence) 128152 Energy Conservation and Management (Also old sem. VII equivalence) 128153 Automobile Engineering-II 128154 Thermal Equipment Design 128155
	B.E. (Automobile)	Computational Fluid Dynamics 218151 Advanced Welding Technology (Also old sem.VII equivalence) 218152 Noise, Vibration & Harshness in Automobile 218153 Automotive Materials 218154
	B.E. (Elect. & Telecomm.	Robotics 188151 Nanotechnology (Also old sem.VIII equivalence) 188152 Telecomm Network Management (Also old sem.VIII equivalence) 188153 Antenna and Wave Propagation 188154
	B.E. (E & C)	Robotics 238151 Nano Technology (Also old sem.VIII equivalence) 238152 Telecomm Network Management (Also old sem.VIII equivalence) 238153 Antenna and Wave Propagation 238154
	B.E. (Electronics)	Advanced Power Electronics 148151 Antenna Theory 148152 Wireless Communication 148153 Robotics (Also old sem. VII equivalence) 148154
	B.E. (Electrical)	Flexible AC Transmission System and Power Quality 168151 Generation Planning and Load Dispatch(Also old sem.VIII equivalence) 168152 High Voltage Transmission(Also old sem.VIII equivalence) 168153 Electro-Mechanical Energy Conversion (Also old sem. VII equivalence) 168154
	B.E. (Instrumentation)	Optimal & Adaptive Control (Also old sem.VII equivalence) 158151 Nano Instrumentation 158152 Automotive Instrumentation 158153 Embedded Systems (Also old sem.VIII equivalence) 158154
	B.E. (Computer)	Mobile Computing 178151 Bio Informatics 178152 Real Time Systems 178153 iPhone Programming 178154
	B.E. (Information Tech.)	Mobile Computing 228151 Bio Informatics 228152 Cloud Computing 228153 iPhone Programming 228154
	B.E. (Chemical)	Mathematical Methods in Chemical Engineering (Also Old Sem-VI Equivalence) 198141 Advance Catalysis 198142 Plant Utility 198143 Intellectual Property Rights 198144



B.E. (CGPA) (All Branches) Sem-VII & VIII
{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.		Sub Code
SEM : VIII (ELECTIVE – III)			
25.11.2017 SATURDAY	B.E. (Biotechnology)	System Biology	248141
		Molecular Modeling & Drug Design	248141
		Stem Cell Technology	248141
		Biofuel and Alcohol Technology	248144
SEM : VII			
28.11.2017 TUESDAY	B.E. (Civil)	Water Resources Engineering- I (Also old sem. VII equivalence)	117101
	B.E. (Mechanical)	Refrigeration and Air Conditioning (Also old sem. VII equivalence)	127101
	B.E. (Automobile)	Automobile Service & Repair Control (Also old sem.VII equivalence)	217101
	B.E. (Production)	*Computer Aided Design (Only Old Term-I) * (Time : 02.00 pm to 06.00 pm)	1210
	B.E. (Elect. & Telecomm.)	Digital Signal Processing (Also old sem. VII equivalence)	187101
	B.E. E & C)	Digital Signal Processing (Also old sem. VII equivalence)	237101
	B.E. (Electronics)	Digital Signal Processing (Also old sem. VII equivalence)	147101
	B.E. (Electrical)	Industrial Drives and Control Control (Also old sem.VII equivalence)	167101
	B.E. (Instrumentation)	Instrumentation in Unit Operations Process Planning Estimation & Economics (only old Sem. VII)	157101 1230
	B.E. (Computer)	Advanced Unix Programming (Also old sem. VII equivalence)	177101
	B.E. (Information Tech.)	Advanced Unix Programming (Also old sem. VII equivalence)	227101
	B.E. (Chemical)	Process Dynamics & Control (Also old sem. VII equivalence)	197101
	B.E. (Biotechnology)	Bio Process Equipment Design	24710
SEM : VIII			
30.11.2017 THURSDAY	B.E. (Civil)	Water Resources Engineering-II (Also old sem.VIII equivalence)	118112
	B.E. (Mechanical)	Mechanical Vibration (Also old sem.VIII equivalence)	128112
	B.E. (Automobile)	Automobile Dynamics (Also old sem.VIII equivalence)	218112
	B.E. (Elect. & Telecomm.)	Satellite & Mobile Communication (Also old sem.VIII equivalence)	188112
	B.E. E & C)	Satellite & Mobile Communication Control (Also old sem.VIII equivalence)	238112
	B.E. (Electronics)	Light Wave Communication (Also old sem. VII equivalence)	148112
	B.E. (Electrical)	Power System Stability (Also old sem.VIII equivalence)	168112
	B.E. (Instrumentation)	Instrumentation System Design (Also old sem.VIII equivalence)	158112
	B.E. (Computer)	Compiler Design (Also old sem.VIII equivalence)	178112
	B.E. (Information Tech.)	Internet Security (Also old sem.VIII equivalence)	228112
	B.E. (Chemical)	Computer Aided Process Equipment Design Modeling & Simulation (Also old sem. VIII equivalence)	198111
	B.E. (Biotechnology)	Bioprocess Modeling and Simulation (Also old sem.VII equivalence)	248111
	B.E.Production	Marketing Management (Old Term-II)	1311
		Database Management (Old Term-II)	1312
		Financial Management (Old Term-II)	1313
Advanced Welding Technology (Old Term-II)		1314	
Fluid Machinery (Old Term-II)		1315	



B.E. (CGPA) (All Branches) Sem-VII & VIII)
{{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.		Sub Code
SEM : VII			
05.12.2017 TUESDAY	B.E. (Civil)	Estimating and Costing (Also old sem. VII equivalence)*(Time : 02.00 pm to 06.00 pm)	117102
	B.E. (Mechanical)	Computer Aided Design and Computer Aided Manufacturing (Also old sem. VII equivalence)	127102
	B.E. (Automobile)	Automobile System Design (Also old sem.VII equivalence)	217102
	B.E. (Production)	Cost and Cost Control (old Term-I)	1250
	B.E. (Elect. & Telecomm.	Fiber Optic Communication (Also old sem. VII equivalence)	187102
	B.E. E & C)	Fiber Optic Communication (Also old sem. VII equivalence)	237102
	B.E. (Electronics)	Power Electronics (Also old sem. VII equivalence)	147102
	B.E. (Electrical)	High Voltage Engineering (Also old sem. VII equivalence)	167102
	B.E. (Instrumentation	Biomedical Instrumentation (Also old sem. VII equivalence)	157102
	B.E. (Computer	Artificial Intelligence & Expert System (Also old sem. VII equivalence)	177102
	B.E. (Information Tech.)	Enterprise Resource Planning (Also old sem. VII equivalence)	227102
	B.E. (Chemical)	Chemical Reaction Engineering-II (Also old sem. VII equivalence)	197102
	B.E. (Biotechnology)	Bioinformatics (Also old sem. VII equivalence)	247102
SEM : VIII			
07.12.2017 THURSDAY	B.E. (Civil)	Environmental Engineering-II (Also old sem. VII equivalence - Old)	118113
	B.E. (Mechanical)	Finite Element Analysis and Simulation Techniques (Also old sem. VIII equivalence)	128113
	B.E. (Automobile)	Special Purpose Vehicle (Also old sem. VIII equivalence)	218113
	B.E. (Elect. & Telecomm.	Radiation and Microwave Techniques (Also old sem. VII equivalence)	188113
	B.E. E & C)	Radiation and Microwave Techniques (Also old sem. VII equivalence)	238113
	B.E. (Electronics)	Process Control Systems (Also old sem. VIII equivalence)	148113
	B.E. (Electrical)	Switchgear and Protection Also old sem. VIII equivalence)	168113
	B.E. (Instrumentation	Industrial Automation Distributed Control System (Also old sem. VIII equivalence)	158113 -----
	B.E. (Computer	Data Warehousing & Mining Also old sem. VIII equivalence)	178113
	B.E. (Information Tech.)	Data Warehousing & Mining (Also old sem. VIII equivalence)	228113
	B.E. (Chemical)	Chemical Plant Design and Project Engineering (Also old sem. VIII equivalence)	198112
	B.E. (Biotechnology)	Bioprocess Industries	248112

B.E. (CGPA) (All Branches) Sem-VII & VIII
{{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017



Day & Date	Subject & Time 02.00 pm. to 05.00 pm.		Sub Code
SEM : VII			
09.12.2017 SATURDAY	B.E. (Civil)	Geotechnical Engineering II	117105
	B.E. (Mechanical)	Operation Research (Also old sem. VII equivalence)	127105
	B.E. (Automobile)	Vehicle Testing & Evaluation (Also old sem. VII equivalence)	217105
	B.E. (Production)	Production Management (Only Old Term-I)	1220
	B.E. (Elect. & Telecomm.)	Computer Communication Network (Also old sem. VII equivalence)	187105
	B.E. E & C)	Computer Communication Network (Also old sem. VII equivalence)	237105
	B.E. (Electronics)	Computer Communication Network (Also old sem. VII equivalence)	147105
	B.E. (Electrical)	Power System Operation and Control (Also old sem. VII equivalence)	167105
	B.E. (Instrumentation	Digital Image Processing (Also old sem. VIII equivalence) Digital Signal Processing (only old Sem VII)	157105 1250
	B.E. (Computer	Embedded System (Also old sem. VII equivalence)	177105
	B.E. (Information Tech.)	Embedded System (Also old sem. VII equivalence)	227105
	B.E. (Chemical)	Transport Phenomenon (Also old sem. VII equivalence)	197105
	B.E. (Biotechnology)	Down Stream Processing (Also old sem. VII equivalence)	247103
12.12.2017 TUESDAY	B.E.(COMPUTER)	Object Oriented Modelling & Design (only old Sem.VII)	1240
	B.E. (I.T.)	Object Oriented Modelling & Design (only old Sem.VII)	1240
	B.E. (BIOTECHNOLOGY)	Bioprocess Engineering- I (only old sem. VII)	1210
	B.E. (Automobile)	Automobile Electrical Systems (only old sem. VII)	1240
	B.E.Production	Procurment And Invenry Control (Only Old Term-II)	1280



B.E. (CGPA) (All Branches) Sem-VII & VIII
{{(Course: July, 2015)-(Old Course July, 2008)}
Examinations, Nov/Dec, 2017

Day & Date	Subject & Time 02.00 pm. to 05.00 pm.	Sub Code
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SEM : VII

14.12.2017 THURSDAY	B.E.Civil	Industrial Water Pollution & Control (Sem.VIII Elective-II)	1313
	B.E. (I.T.)	E-Commerce (only old sem. VII)	1250
	B.E. (I.T.)	E-Commerce (only old sem. VII)	1250
	B.E. (Automobile)	MECHATRONICS SYSTEMS(only old sem. VII)	1230
	B.E. PRODUCTION)	MECHATRONICS SYSTEMS(only old sem. VII)	1230
	B.E. (Biotechnology)	Fermentation Biotechnology-II (only old sem. VII)	1250
	B.E.Electronics	Nano Technology (Sem.VIII)	1315
	B.E.Production	Production Planning and Control (Only Old Term-II)	1290

SEM : VIII (ELECTIVE – II)

16.12.2017 SATURDAY	B.E. (Civil)	Geographical Information System (Only old sem. VIII)	1312
	B.E. (Mechanical)	Industrial Fluid Power (Only old sem. VIII)	1316
	B.E. (Automobile)	Supply Chain Management (Only old sem.VIII)	1282
	B.E. (Elect. & Telecomm.)	Television Consumer Electronics (also old sem. VIII equivalence)	1290
	B.E. E & C)	Television Consumer Electronics (old sem. VIII equivalence)	1290
	B.E. (Electronics)	Power Electronics (Only old sem. VIII)	1290
	B.E. (Instrumentation)	Entrepreneurship Development Skills (also old sem. VIII equivalence)	
	B.E.Production	Numerical Control & Machine Tool Robotics (Only Old Term-II)	1300
	B.E. (Biotechnology)	Bioprocess Engineering – II	1280
		Bio-Process Engg. & Economics (sem. VII)	1290
Biosafety & Bioethics		1300	

* Please note the timing.

Note :- Students Should Mention Subject Code No. On Answerbook With Name of Subject

Post Box No. 80,
 Jalgaon 425 001,
 NMU / B.E. /Engg./3956/2017
 Date : 14/10/2017

(DR.D.N.GUJARATHI)
DIRECTOR,
BOARD OF EXAMINATIONS & EVALUATIONS



**M.E. (All Branches)
Exam. Nov/Dec. 2017
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

Circular No. 235 of 2017

Programme of the M. E. (All Branches) Examinations Nov/Dec. 2017

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for paper.
2. Candidates are forbidden to take any material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
3. Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
4. Candidates are requested to note the date, day, time and place of every paper on every day.
5. Candidates are permitted to use stencils at the time of examinations.
6. Candidates for the examination are expected to provide themselves with slide-rules.
7. The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
8. The Term Work Assessment will be held at the respective Engineering College.
9. Use of non-programmable, battery operated Electronic Calculator of pockets is allowed. The Exchange of Calculator is not allowed.
10. No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
11. University reserves right to make timely changes in examination time-table.
12. Center for the Examination will be as under...

Sr.	College & Course	Centre
1.	SSTS, College of Engineering, Bambhori	SSTS, College of Engineering, Bambhori
2.	Govt. College of Engineering, Jalgaon	Govt. College of Engineering, Jalgaon
3.	SGD.College of Engineering, Jalgaon	SGD, College of Engineering, Jalgaon
4.	Raisoni.College of Engineering, Jalgaon	Raisoni.College of Engineering, Jalgaon
5.	Godavari College of Engineering, Jalgaon	Godavari College of Engineering, Jalgaon
6.	SSGB College of Engineering, Bhusawal	SSGB, College of Engineering, Bhusawal
7.	JTM College of Engineering, Faizpur	JTM College of Engineering, Faizpur
8.	SSVPS, College of Engineering, Dhule	SSVPS, College of Engineering, Dhule
9.	D.N.Patel College of Engineering, Shahada	D.N.Patel College of Engineering, Shahada
10	RCP, College of Engineering, Shirpur	RCP, College of Engineering, Shirpur
11	KCE'S College of Engineering, Jalgaon	KCE'S College of Engineering, Jalgaon
12	NES'S Gangamai College of Engineering, Nagaon	NES'S Gangamai College of Engineering, Nagaon

The written examinations will be conducted in the following order...

TIME-TABLE

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
SEM-I Elective-I		
25.11.2017 SATURDAY	M. E. (Civil) Building Science & Technology	1. Operation Research 1051 2. Environmental Risk Assessment and Hazard Management 1052 3. Work Study and Incentive Management 1053
	M. E. (Civil) Environmental Engineering	1. Environmental Sanitation 1051 2. Remote Sensing, GIS and its Environmental Application 1052 3. Rural Water Supply & Sanitation 1053
	M. E. (Civil) Construction Tech. & Management	1. Advance Construction Technology - I 1051 2. Infrastructure Development 1052 3. Repairs, Rehabilitation, Retrofitting of Structure 1053 4. Building Environment & Services 1054
	M. E. (Civil) Infrastructure Engineering & Management	1. Highway Projects Planning Designing & Economic Evaluation 1051 2. Retrofitting and Rehabilitation of Structures 1052 3. Ports & Harbor Structures 1053
	M. E. (Mechanical) Machine Design/ Design Engg.	1. Instrumentation & Automatic Control System 1052 2. Design of Pressure Vessel 1051 3. Design of Material Handling Equipment 1053
	M. E. (Mechanical) General	1. Advanced Machine Design. 1051 2. Internal Combustion Engine. 1053 3. Analysis & Synthesis of Mechanisms 1054 4. Computer Aided Manufacturing 1055 5. Theory of Elasticity & Plasticity 1056



Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m .	Sub Code	
SEM-I Elective-I			
25.11.2017 SATURDAY	M. E. (Mechanical) Computer Aided Analysis & Design	<ul style="list-style-type: none"> ▪ 1. Design of Pressure Vessel 2. Computer Aided Engineering 	1051 1052
	M. E. (Mechanical) Thermal Engineering	<ul style="list-style-type: none"> ▪ 1. Power Plant Engineering 2. Internal Combustion Engine 3. Solar Energy Technology 4. Finite Element Analysis 5. Gas Turbines & Jet Propulsion 	1055 1051 1052 1053 1054
	M. E. (Computer Science & Engineering)	<ul style="list-style-type: none"> ▪ 1. Embedded Software Design 2. Digital Image & Video Processing 3. Mathematical Foundations of Computer Science 4. Software Project Management 	1051 1052 1053 1054
	M. E. (E& T.C) VLSI & Embedded System Design.	<ul style="list-style-type: none"> ▪ 1. Advanced Digital Signal Processing. 2. Computer Networks & Management. 3. Artificial Neural Networks & Fuzzy Systems 4. Wireless Communication System. 	1051 1052 1053 1054
	M. E. (Electronics &Telecommunication) Digital Electronics	<ul style="list-style-type: none"> ▪ 1. Parallel Computing 2. Biomedical Instrumentation 3. Wireless & Mobile Communication 	1051 1052 1053
	M. E. (Electronics &Telecommunication) Digital Systems	<ul style="list-style-type: none"> ▪ 1. Image Processing & Computer Vision 2. Computer Architecture 3. Artificial Intelligence & Neural Networks 	1051 1052 1053
	M. E. (Electronics &Telecommunication) Communication Engg	<ul style="list-style-type: none"> ▪ 1. Modeling and Simulation. 2. Advanced Telecomm. Network Management 3. Linear System Theory 4. Optimization Technique 5. Random Processes 	1051 1052 1053 1054 1055
	M. E. (Electrical Power System)	<ul style="list-style-type: none"> ▪ 1. FACTs & Power Quality 2. Artificial Intelligence and its Applications in Power Systems 3. Renewable Energy Sources. 4. Power Sector Economics, Management and Restructuring 	1051 1052 1053 1054
SEM : II Elective-II			
27.11.2017 MONDAY	M. E. (Civil) Building Science & Technology	<ul style="list-style-type: none"> ▪ 1. Architecture & Town Planning 2. Probability Statistics & Optimization Technique 3. Environment Impact Assessment 	1122 1121 1123
	M. E. (Civil) Environmental Engineering	<ul style="list-style-type: none"> ▪ 1. Design of Water Supply & Waste Water Structures 2. Environmental Impact Assessment 3. Solid Waste & Management 	1121 1122 1123
	M. E. (Civil) Construction Tech. & Management	<ul style="list-style-type: none"> ▪ 1. Advanced Construction Technology - II 2. Construction Disaster Management 3. Advanced RCC Structure 4. Architecture & Town Planning 	1121 1122 1123 1124
	M. E. (Civil) Infrastructure Engineering & Management	<ul style="list-style-type: none"> ▪ 1. Geo. Techniques for Infrastructure 2. Resources Management 3. Urban Hydrology and Storm Water Management. 	1101 1102 1103
	M. E. (Mechanical) Machine Design	<ul style="list-style-type: none"> ▪ 1. Robotics 2. Automotive Design 3. Design for Manufacture & Assembly 	1122 1121 1123
	M.E. (Mechanical) General	<ul style="list-style-type: none"> ▪ 1. Advance Robotics 2. Process Equipment Design 3. Alternate Energy Sources 4. Design of Heat Exchanger 5. Design of Pumps & Compressors 	1101 1103 1104 1105 1106
	M.E. (Mechanical) Computer Aided Analysis & Design	<ul style="list-style-type: none"> ▪ 1. Design For Manufacturing & Assembly 	1101
	M. E. (Mechanical) Thermal Engineering	<ul style="list-style-type: none"> ▪ 1. Non Conventional Power Plant 2. Advanced Air Conditioning 3. Convective Heat Transfer Analysis 4. Equipment Design for Thermal Systems 5. Research Methodology 6. Turbomachinery 	1121 1122 1123 1124 1125 1126



Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m .	Sub Code
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SEM : II Elective-II

27.11.2017 MONDAY	M. E. (Computer Science & Engineering)	<ul style="list-style-type: none"> ▪ 1. Software Testing & Quality Assurance 2. Cryptography & Network Security 3. Pattern Recognition 4. Mobile Computing 	1101 1102 1103 1104
	M. E. (E & T.C) VLSI & Embedded System Design	<ul style="list-style-type: none"> ▪ 1. Image & Video Processing 2. Electromagnetic Interference & Compatibility 3. FPGA Based System Design 4.RF. Circuit Design. 	1101 1102 1103 1104
	M. E. (Electronics & Telecommunication) Digital Electronics	<ul style="list-style-type: none"> ▪ 1. Advanced Digital Communication 2. Artificial Intelligence 3. Modeling & Simulation Techniques 	1121 1122 1123
	M. E. (Electronics & Telecommunication) Digital Systems	<ul style="list-style-type: none"> ▪ 1. Biomedical Signal Processing 2. Pattern Recognition & Classification 3. Nanotechnology 	1121 1122 1123
	M. E. (Electronics & Tele. / Electronics / Communication) Communication Engg.	<ul style="list-style-type: none"> ▪ 1. Multimedia Communication 2. Error Control Codes 3. Advanced Embedded System Design 4. Speech and Audio Processing 5. Artificial Intelligence & Soft Computing 	1121 1122 1123 1124 1125
	M.E. (Electrical Power System)	<ul style="list-style-type: none"> ▪ 1. Advanced Power System Protection 2. Power Electronics Applications in Power Systems 3. EHV Transmission Systems 4. Power System Design 	1121 1122 1123 1124
28.11.2017 TUESDAY	M.E. (Mechanical) (Computer Aided Analysis & Design) M. E. (Mechanical) Machine Design	SEM-II / Elective-II Machine tool Design (Elective- II) Machine tool Design	1102 1100

SEM : I

29.11.2017 WEDNESDAY	M. E. (Civil) Building Science & Technology	<ul style="list-style-type: none"> ▪ *Advance Design of Concrete Structures * (Time : 10.00 am to 02.00 pm) 	1030
	M. E. (Civil) Environmental Engineering	<ul style="list-style-type: none"> ▪ Air Pollution 	1030
	M. E. (Civil) Construction Tech. & Management	<ul style="list-style-type: none"> ▪ Construction Safety 	1040
	M.E. (Mechanical) Machine Design/Design Engg.	<ul style="list-style-type: none"> ▪ Tribology 	1040
	M. E. (Mechanical) Computer Aided Analysis & Design	<ul style="list-style-type: none"> ▪ Tribology (Elective- I) 	1053
	M. E. (Computer Science & Engineering)	<ul style="list-style-type: none"> ▪ Applied Algorithms 	1040
	M. E (Electronics & Telecommunication) Digital Electronics	<ul style="list-style-type: none"> ▪ VLSI Design 	1040
	M. E. (Electronics & Telecommunication) Digital Systems	<ul style="list-style-type: none"> ▪ Biomedical Engineering Systems 	1040
	M. E. (Electronics & Tele. / Electronics & Communication) Communication Engg.	<ul style="list-style-type: none"> ▪ Advanced Communication Systems. 	1040
	M.E. (Mechanical) General	<ul style="list-style-type: none"> ▪ Advanced Heat Transfer 	1010
	M. E. (Mechanical) Thermal Engineering	<ul style="list-style-type: none"> ▪ Advanced Heat Transfer 	1010
	M. E. (Civil) Infrastructure Engineering & Management	<ul style="list-style-type: none"> ▪ Construction Planning Scheduling & Management 	1010
	M. E. (E & T. C) VLSI & Embedded System Design.	<ul style="list-style-type: none"> ▪ Microprocessor & Microcontroller Interfacing 	1010
	M. E. (Electrical Power System)	<ul style="list-style-type: none"> ▪ Power System Optimization Techniques 	1010



**M.E. (All Branches)
Exam. Nov/Dec. 2017**

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
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SEM : II

30.11.2017 THURSDAY	M. E. (Civil) Building Science & Technology	▪	Construction Techniques and Equipments	1080
	M. E. (Civil) Environmental Engineering	▪	Water shed Management	1110
	M. E. (Civil) Construction Tech. & Management	▪	Advanced Construction Equipments	1110
	M. E. (Civil) Infrastructure Engineering & Management	▪	Environment & Energy Management.	1090
	M. E. (Mechanical) Machine Design	▪	Machatronic Product Design	1110
	M. E. (Mechanical) Thermal Engineering	▪	Advanced Fluid Mechanics	1080
	M.E. (Mechanical) General	▪	Advanced Fluid Mechanics	1090
	M. E. (Computer Science & Engineering)	▪	Soft Computing	1090
	M. E. (E & T.C) VLSI & Embedded System Design	▪	Nano Electronics	1090
	M.E. (Electronics Telecommunication Digital Electronics)	▪	Advanced Computer Network	1110
	M.E. (Electronics&Telecommunication Digital Systems)	▪	Operating System	1110
	M. E. (Electronics & Tele. / Electronics &Communication) Communication Engg.	▪	Antenna Theory & Design	1110
	M.E. (Electrical Power System) \	▪	Computer Methods in Power System Analysis	1080

SEM : I

02.12.2017 SATURDAY	M. E. (Civil) Building Science & Technology	▪	Contracts & Valuation	1040
	M. E. (Civil) Environmental Engineering	▪	Design, Operation and Maintenance of Water Supply and Sewerage Systems	1020
	M. E. (Civil) Construction Tech. & Management	▪	Construction Cost & Quality Management	1030
	M. E. (Mechanical) Machine Design/ Design Engg.	▪	Vibration Engineering	1030
	M. E. (Computer Science & Engineering)	▪	Net Centric Computing	1030
	M. E. (Electronics & Telecommunication) Digital Electronics	▪	Digital System Design	1030
	M. E. (Electronics & Telecommunication) Digital Systems	▪	Embedded Systems	1030
	M. E. (Electronics & Tele. / Electronics & Communication) Communication Engg.	▪	Advanced Light Wave Communication	1030
	M.E. (Mechanical) General	▪	Refrigeration & Air Conditioning	1020
	M.E. (Mechanical) (Computer Aided Analysis & Design)	▪	Computer Aided Design	1020
	M. E. (Civil) Infrastructure Engineering & Management	▪	Contracts Administration & Arbitration	1020
	M. E. (E & T.C) VLSI & Embedded System Design	▪	Embedded System Design	1020
	M. E. (Electrical Power System)	▪	Microprocessor and Microcontroller	1020



M.E. (All Branches)
Exam. Nov/Dec. 2017

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
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SEM : II

04.12.2017 MONDAY	M. E. (Civil) Building Science & Technology	▪ *Earthquake Resistant Design of Building * (Time : 10.00 am to 02.00 pm)	1090
	M. E. (Civil) Environmental Engineering	▪ Industrial Water and Waste Water Management	1100
	M. E. (Civil) Construction Tech. & Management	▪ Construction Economics & Finance	1100
	M. E. (Civil) Infrastructure Engineering & Management	▪ Advanced Concrete Technology	1080
	M.E. (Mechanical) General	▪ Mechanical Design Analysis	1080
	M.E. (Mechanical) Computer Aided Analysis & Design	▪ Design of Experiments & Analysis	1080
	M. E. (Mechanical) Thermal Engineering	▪ Advanced Refrigeration	1090
	M. E. (Computer Science & Engineering)	▪ Parallel Computing	1080
	M. E. (E & T.C) VLSI & Embedded System Design	▪ Analog VLSI Design	1080
	M. E. (Electronics&Telecommunication) Digital Electronics	▪ Microelectronic Circuit Design	1100
	M. E. (Electronics&Telecommunication) Digital Systems	▪ Digital System Design	1100
	M. E. (Electronics &Tele. /Electronics & Communication) Communication Engg.	▪ Mobile Communication	1100
	M.E. (Electrical Power System)	▪ Digital Signal Processing	1090

SEM : I

05.12.2017 TUESDAY	M. E. (Civil) Building Science & Technology	▪ Construction & Project Management	1020
	M. E. (Civil) Environmental Engineering	▪ Environmental Engineering Chemistry	1040
	M. E. (Civil) Construction Tech. & Management	▪ New Construction Materials & Techniques	1020
	M. E. (Mechanical) Machine Design/ Design Engg.	▪ Computer Methods in Mechanical Design	1020
	M. E. (Computer Science & Engineering)	▪ Distributed Systems	1020
	M.E. (Electronics & Telecommunication) Digital Electronics	▪ Advanced Digital Signal Processing	1020
	M. E. (Electronics & Telecommunication) Digital Systems	▪ Signal Processing & Applications	1020
	M. E. (Electronics & Tele. / Electronics & Communication) Communication Engg.	▪ Advanced VLSI Design	1020
	M.E. (Mechanical) (Computer Aided Analysis &Design)	▪ Mechanical Vibration.	1040
	M.E. (Mechanical) General	▪ Mechanical Vibration.	1030
	M. E. (Mechanical) Thermal Engineering	▪ Advanced Thermodynamics and Gas Dyanamics	1020
	M. E. (Civil) Infrastructure Engineering & Management	▪ Life Cycle costing of Infrastructures.	1030
	M. E. (E & T.C) VLSI & Embedded System Design.	▪ Digital VLSI Design.	1030
	M. E. (Electrical Power System)	▪ Power System Planning & Reliability.	1030



**M.E. (All Branches)
Exam. Nov/Dec. 2017**

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m .	Sub Code
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SEM : II

06.12.2017 WENDESDAY	M. E. (Civil) Building Science & Technology	▪ Low Cost Housing	1100
	M. E. (Civil) Environmental Engineering	▪ Advanced Waste Water Treatment Technology	1090
	M. E. (Civil) Construction Tech. & Management	▪ Construction Contract Administration & Management	1090
	M. E. (Civil) Infrastructure Engineering & Management	▪ Safety Management in Construction	1070
	M. E. (Mechanical) Machine Design	▪ Optimization Techniques in Design	1090
	M.E. (Mechanical) General	▪ Instrumentation & Automatic Control	1070
	M.E. (Mechanical) Computer Aided Analysis & Design	▪ System Dynamics & Simulation	1070
	M. E. (Computer Science & Engineering)	▪ Web Engineering	1070
	M. E. (E & T.C) VLSI & Embedded System Design	▪ Embedded Networking & Wireless Sensor Network	1070
	M. E. (Electronics & Telecommunication) Digital Electronics	▪ Embedded System Design.	1090
	M. E. (Electronics & Telecommunication) Digital Systems	▪ Digital Communication Systems	1090
	M. E. (Electronics & Tele. / Electronics & Communication) Communication Engg.	▪ Communication System Design	1090
	M.E. (Electrical Power System)	▪ Power System Modeling & Control	1100

SEM : I

07.12.2017 THURSDAY	M. E. (Civil) Building Science & Technology	▪ Building Environment & Services	1010
	M. E. (Civil) Environmental Engineering	▪ Environmental Engineering Microbiology	1010
	M. E. (Civil) Construction Tech. & Management	▪ Management & Project Planning in Construction	1010
	M. E. (Mechanical) Machine Design/ Design Engg.	▪ Advanced Mechanical Engineering Design of Equipment	1010
	M. E. (Computer Science & Engineering)	▪ Advanced Software Engineering	1010
	M.E. (Electronics & Telecommunication) Digital Electronics	▪ Advanced Instrumentation System	1010
	M. E. (Electronics & Telecommunication) Digital Systems	▪ Digital Integrated Circuits & Systems	1010
	M.E. (Electronics & Tele. /Electronics & Communication) (Communication Engg.)	▪ Advanced Digital Signal Processing & Processors	1010
	M.E. (Mechanical) General	▪ Finite Element Analysis.	1040
	M.E. (Mechanical) Computer Aided Analysis & Design	▪ Finite Element Analysis	1010
	M. E. (Mechanical) Thermal Engineering	▪ Energy Conservation and Management	1030
	M. E. (Civil) Infrastructure Engineering & Management	▪ Irrigation Water Distribution Systems.	1040
	M. E. (E & T.C) VLSI & Embedded System Design	▪ VLSI. Testing & Verification.	1040
	M.E. (Electrical Power System)	▪ Power System Dynamics.	1040



**M.E. (All Branches)
Exam. Nov/Dec. 2017**

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
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SEM : II

08.12.2017 FRIDAY	M.E. (Mechanical) Computer Aided Analysis & Design	▪	Design & Synthesis of Mechanism	1090
	M. E. (Mechanical) Machine Design		Design & Synthesis of Mechanism	1080

SEM : I

09.12.2017 SATURDAY	M.E. (Mechanical) Computer Aided Analysis & Design	▪	Machine Design (Sem-I)	1030
	M. E. (Mechanical) Thermal Engineering		Measurement Techniques & Data Analysis	1040
	M.E. (Mechanical) General		Measurement Techniques & Data Analysis ELECTIVE-I	1052

SEM : II

11.12.2017 MONDAY	M. E. (Civil) Building Science & Technology		Construction Cost Dynamics	1110
	M. E. (Civil) Environmental Engineering		Advanced Water Treatment Technology	1080
	M. E. (Civil) Construction Tech. & Management		Resource Management	1080
	M. E. (Civil) Infrastructure Engineering & Management		Construction Methods & Equipment Management	1060
	M.E. (Mechanical) General		Optimization Techniques	1060
	M.E. (Mechanical) Computer Aided Analysis & Design		Optimization Techniques	1060
	M. E. (Mechanical) Thermal Engineering		Numerical Methods in Thermal and Fluid Engineering	1110
	M. E. (Computer Science & Engineering)		Advanced Database Management Systems	1060
	M. E. (E & T.C) VLSI & Embedded System Design		Real Time Operating System	1060
	M.E. (Electronics & Telecommunication) Digital Electronics		Image Processing & Pattern Recognition	1080
	M.E. Electronics & Telecommunication) Digital Systems		Computer Networks	1080
	M. E. (Electronics & Tele. / Electronics & Communication) Communication Engg.		Advanced Digital Image Processing	1080
	M.E. (Electrical Power System)		High Voltage Power Transmission	1110
12.12.2017 TUESDAY	M. E. (Mechanical) Thermal Engineering	▪	Computational Fluid Dynamics	1100
	M.E. (Mechanical) General	▪	Computational Fluid Dynamics ELECTIVE-II	1102
	M.E. (Mechanical) Computer Aided Analysis & Design	▪	Computational Fluid Dynamics ELECTIVE-II	1103

***Please Note the Timing**

Post Box No. 80,
Jalgaon 425 001,
NMU /M.E../7B /3958 /2017
Date : 14/10/2017

(DR. D.N.GUJARATHI)
DIRECTOR,
BOARD OF EXAMINATIONS & EVALUATIONS,



F.E. (CGPA - Old)
[July, 2012 Course (Old)]
[July, 2005 Course (Old)]
Examinations, Nov/Dec. 2017

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Circular No. 231 of 2017

Programme of F. E. [July, 2012 Course (Old)] [July, 2005 Course (Old)]
(Examinations, Nov/Dec.2017)

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
2. Candidates are forbidden to take any Study material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
3. Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
4. Candidates are requested to note the date, day, time and place of every paper on every day.
5. Candidates are permitted to use stencils at the time of examinations.
6. The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
7. Use of non-programmable, battery operated Electronic Calculator of pocket size is allowed. The Exchange of Calculator is not allowed.
8. No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
9. The list of centers & Place of Examination are notified as per university Circular.
10. The university reserves right to make timely changes in an examination timetable.
11. **The Repeater Students of FE (Old) Term-I & II will have to appear under equivalent subjects of F.E. (CGPA) Course**
12. The written examinations will be conducted in the following order...

TIME TABLE

Day & Date	Subject & Time: 10.00 am to 01.00 pm Sem. I & II	Sub. Code
Wednesday 15.11.2017	Engineering Physics –II (Old) 1 st Chance Also Old Equivalence	102111
Friday 17.11.2017	Engineering Physics -I (Old) 1 st Chance Also Old Equivalence	101101
Monday 20.11.2017	Engineering Mathematics – II (Old) 1 st Chance Also Old Equivalence	102113
Wednesday 22.11.2017	Engineering Chemistry –I (Old) 1 st Chance Also Old Equivalence	101102
Friday 24.11.2017	Engineering Mathematics – I (Old) 1 st Chance Also Old Equivalence	101103
Sunday 26.11.2017	Environmental Studies	55555
Monday 27.11.2017	Engineering Chemistry – II (Old) 1 st Chance Also Old Equivalence	102112



F.E. (CGP - Old)
[July, 2012 Course (Old)]
[July, 2005 Course (Old)]
Examinations, Nov/Dec. 2017

Day & Date	Subject & Time: 10.00 am to 01.00 pm Sem. I & II	Sub. Code
Wednesday 29.11.2017	Computer Programming (New)	101105
	Engineering Mechanics (Old)	1060
02.12.2017 Saturday	Elements of Electrical & Electronics Engineering (New)	102114
	Engineering Thermodynamics (Old)	1150
Monday 04.12.2017	Elements of Civil Engineering & Engineering Mechanics (New)	101104
	Elements of Electronics Engineering (Old)	1050
Wednesday 06.12.2017	Engineering Drawing & Elements of Mechanical Engineering (New)	102115
	*Introduction to Computing (Old) *Time: 10.00 am to 12.00 noon	1130
Friday 08.12.2017	*Elements of Electrical Engineering (Old) *Time: 10.00 am to 12.00 noon	1120
Monday 11.12.2017	*Elements of Civil Engineering (Old) *Time: 10.00 am to 12.00 noon	1110
Wednesday 13.12.2017	*Professional Communication (Old) *Time: 10.00 am to 12.00 Noon	1030

- Please not the timiming.

Note: - Students Should Mention Subject Code No. On Answerbook With Name of Subject

Post Box No. 80,
Jalgaon 425 001,
NMU / FE-old / Engg./3954/2017
Date : 14/10/2017

(DR. D.N.GUJARATHI)
DIRECTOR,
BOARD OF EXAMINATIONS & EVALUATIONS