

Board of studies in Electrical Engg. and Instrumentation Engg. under the
faculty of Engineering and Technology, NMU Jalgaon

List of Equivalence courses at TE and BE

TE Electrical Engg

Semester -V

Sr. No.	Old Syllabus(2007-2008)	Equivalent (New)Subject
1	Electrical Installation , Estimation and Distribution	No Equivalence
2	Electromagnetic Engineering	Electromagnetic Engineering
3	Power System -II	Power System-II
4	Electrical Machines-II	Electrical Machines-II
5	Microprocessor and Microcontroller	Microprocessor and Microcontroller (Semester VI)

TE Electrical Engg

Semester-VI

Sr. No.	Old Syllabus(2007-2008)	Equivalent (New)Subject
1	Power Electronics	Power Electronics (Semester -V)
2	Electrical Measurement-II	Electrical Measurement-II
3	Control System-I	Control System-I
4	Electrical Machine Design-I	Electrical Machine Design
5	Industrial Organization and Management	Industrial Organization and Management (Semester V)

BE Electrical Engg

Semester -VII

Sr. No.	Old Syllabus(2008-2009)	Equivalent (New)Subject
1	Power System Operation and Control	Power System Operation and Control
2	Industrial Electrical Engineering	Industrial Electrical Engineering
3	Energy Audit and Conservation	No Equivalence
4	High Voltage Engineering	High Voltage Engineering
5	Elective-I Control System-II	Elective-I Control System-II
6	Elective-I Computer Methods on Power System	Elective-II Computer Aided Power System Analysis (Semester-VIII)
7	Elective-I Electro-mechanical Energy Conversion	Elective-III Electromechanical Energy Conversion. (Semester-VIII)
8	Elective-I Optimization Techniques	No Equivalence
9	Elective-I Power System Dynamics	No Equivalence

BE Electrical Engg

Semester-VIII

Sr. No.	Old Syllabus(2008-2009)	Equivalent (New)Subject
1	Switch Gear and Protection	Switch Gear and Protection
2	Power System Stability	Power System Stability
3	Industrial Drive and Control	Industrial Drive and Control (Semester-VII)
4	Elective-II Flexible AC Transmission	No Equivalence
5	Elective-II Power System Design Practice	Elective-II Power System Design Practice
6	Elective-II Electric Traction Engineering	Elective-I Electric Traction Engineering (Semester VII)
7	Elective-II Generation Planning and Load Dispatch	Elective-III Generation Planning and Load Dispatch
8	Elective-II Extra High Voltage Transmission	Elective-III High Voltage Transmission

TE Instrumentation Engg

Semester -V

Sr. No.	Old Syllabus(2007-2008)	Equivalent (New)Subject
1	Microprocessor Technique	No Equivalence
2	Control System Components	Control System Components
3	Linear Techniques	No Equivalence
4	Electronic Instrumentation	No Equivalence
5	Unit Operation	No Equivalence

TE Instrumentation Engg

Semester-VI

Sr. No.	Old Syllabus(2007-2008)	Equivalent (New)Subject
1	Microcontroller & Application	Microcontroller & Application (Semester V)
2	Discrete Control System & MATLAB	No Equivalence
3	Power Electronics	Power Electronics (Semester V)
4	Communication Engineering And Telemetry	No Equivalence
5	Analytical Instrumentation	Analytical Instrumentation

BE Instrumentation Engg

Semester -VII

Sr. No.	Old Syllabus(2008-2009)	Equivalent (New)Subject
1	Process Instrumentation	Process Instrumentation (Semester VI)
2	Biomedical Instrumentation	Biomedical Instrumentation
3	Process Planning Estimation & Economics	No Equivalence
4	Elective-1 Modeling & Simulation	No Equivalence
5	Elective-1 Adaptive & Optimal Control	Elective-III Optimal & Adaptive Control (Semester VIII)
6	Elective-1 Artificial Intelligence	No Equivalence
7	Elective-1 Environmental Instrumentation	Elective-1 Environmental Instrumentation
8	Elective-1 Virtual Instrumentation	No Equivalence
9	Digital Signal Processing	No Equivalence

BE Instrumentation Engg

Semester-VIII

Sr. No.	Old Syllabus(2008-2009)	Equivalent (New)Subject
1	Distributed Control System	No Equivalence
2	Computer Networking	Elective - II Computer Network (Semester VIII)
3	Instrumentation System Design	Instrumentation System Design
4	Elective-2 Image Processing	Digital Image Processing (Semester VII)
5	Elective-2 Neural & Fuzzy Logic Control	Elective-I Neural Network & Fuzzy Logic Instrumentation (Semester VII)
6	Elective-2 Robotics & Automation	No Equivalence
7	Elective-2 Instrumentation in Agriculture, Food & Pharmaceutical Industry	Elective-II Agricultural Instrumentation
8	Elective-2 Embedded System Design	Elective-III Embedded Systems
9	Entrepreneurship Development Skills	No Equivalence