

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY****CIRCULAR NO. ACAD/SU/B.Tech./Equivalence/107/2014**

It is hereby informed to all the concerned that, the Chairmen, Board of Studies and the Dean, Faculty of Engineering and Technology has recommended to give "Equivalence to the F.Y., S.Y., T.Y. & Final Year B.Tech. Courses" for all branches due to revised the syllabi. The Hon'ble Vice-Chancellor has accepted the said equivalence on behalf of the Academic Council Under Section-14(7) of the Maharashtra Universities Act, 1994 as appended herewith.

This is effective from the Academic Year 2014-15 and onwards Examination.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,  
Aurangabad-431 004.  
REF.NO. ACAD/NP/B.TECH.EQV./  
2014/22126-34

Date:- 27-08-2014.

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**Director,**  
**Board of College and**  
**University Development.**

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**Copy forwarded with compliments to:-**

- 1] The Principals, affiliated concerned Colleges,  
Dr. Babasaheb Ambedkar Marathwada University.

**Copy to :-**

- 1] The Controller of Examinations,
- 2] **The Superintendent, [Engineering Unit],**
- 3] **The Superintendent, [Co-Ordination],**
- 4] The Programmer [Computer Unit-1] Examinations,
- 5] The Programmer [Computer Unit-2] Examinations,
- 6] The Director, [E-Suvidha Kendra], in-front of Registrar's Quarter,  
Dr. Babasaheb Ambedkar Marathwada University,
- 7] The Public Relation Officer,
- 8] The Record Keeper,

**Dr. Babasaheb Ambedkar Marathwada University.**

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**Maharashtra Institute of Technology, Aurangabad.**

**FIRST YEAR B.TECH. EQUIVALENT SUBJECTS.**

Sr. No.	Old Syllabus	New Syllabus
1	Engineering Mathematics-I	Engineering Mathematics-I
2	Engineering Physics	Engineering Physics
3	Engineering Chemistry	Engineering Chemistry
4	Basic Electrical Engineering	Basic Electrical Engineering
5	Engineering Drawing	Engineering Drawing
6	Computer Fundamental & Programming	Computer Fundamental & Programming
7	Basic Civil Engineering	Basic Civil Engineering
8	Workshop Practice	Workshop Practice
9	Engineering Mathematics-II	Engineering Mathematics-II
10	Basic Electronics	Basic Electronics
11	Engineering Mechanics	Engineering Mechanics
12	Engineering Thermodynamics	Basic Mechanical Engineering
13	NA	Environment & Ecology
14	Development of Skills-I	Development of Skills-I



**Dr. Babasaheb Ambedkar Marathwada University**

**Faculty of Electronics and Telecommunication Engineering And Technology**

**Subject Equivalence List**

<b>S.Y.B.Tech.Old Syallbus Subject</b>		<b>S.Y.B.Tech.Revised Syallbus Subject</b>	
<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Sr.No.</b>	<b>Name of Subject</b>
1	Mathematics III	1	Mathematics III
2	Mathematics IV	2	Mathematics IV
3	Electronic Devices and Circuits -I	3	Electronic Devices and Circuits
4	Network and Lines	4	Network and Lines
5	Principles of Communication Engineering	5	Principles of Communication Engineering
6	Digital System Design	6	Digital System Design
7	Industrial Management	7	Data Structures
8	Electronic Devices and Circuits -II	8	Integrated Circuits and Applications
9	Communication Engineering	9	Communication Engineering
10	Control System	10	Signals and Systems
11	Electrical Machines and Measurment	11	Power Devices and Machines
12	Electromagnetic Engineering	12	Electromagnetic Engineering



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**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

**Faculty of Electronics and Telecommunication Engineering And Technology**

**Subject Equivalence List**

<b>T.Y.B.Tech.Old Syallbus Subject</b>		<b>T.Y.B.Tech.Revised Syallbus Subject</b>	
<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Sr.No.</b>	<b>Name of Subject</b>
1	Linear Integrated Circuits	1	VLSI Design
2	Microprocessor and Peripherals	2	Microprocessor and Peripherals
3	Digital Communication and Information Theory	3	Digital Communication
4	Power Electronics	4	Information Theory and Coding
5	Electronics Circuit Design Technology	5	Electronics Circuit Design Technology
6	Electronic Measurement	6	Electronic Measurement
7	Microwave and Optical Communication	7	Antenna Theory
8	Microcontroller and Embedded System	8	Microcontroller and Embedded System
9	Digital Signal Processing	9	Digital Signal Processing
10	Elective I 1. Wireless and Mobile Communication 2. Industrial Instrumentation and Computer Control	10	1. Neural Networks and Fuzzy Logic 2. System Software and Operating System
11	Elective II 1. RADAR and Satellite Communication 2. Advanced Power Electronics and Drives	11	Elective I 1. RADAR and Satellite Communication 2. ---
12	Microelectronics	12	Microelectronics

  
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**Dr. Babasaheb Ambedkar Marathwada University**  
**Faculty of Civil Engineering And Technology**  
**Subject Equivalence List**

S Y B.Tech Old Syllabus (Civil)		S Y B.Tech Revised Syllabus (Civil)	
Sr. No.	Name of Subject	Sr. No.	Name of subject
1	Mathematics III	1	Mathematics III
2	Surveying I	2	Surveying I
3	Fluid Mechanics I	3	Fluid Mechanics I
4	Strength of Material	4	Strength of Material
5	Building Construction and Drawing	5	Building Construction and Drawing
6	Concrete Technology I	6	Concrete Technology I
7	Mathematics IV	7	Mathematics IV
8	Surveying II	8	Surveying II
9	Fluid Mechanics II	9	Fluid Mechanics II
10	Building Planning and design	10	Building Planning and design
11	Theory of structure I	11	Theory of structure I
12	Concrete Technology II	12	Concrete Technology II

  
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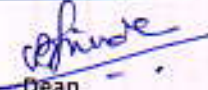
  
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**Faculty of Civil Engineering And Technology**  
**Subject Equivalence List**

T Y B.Tech Old Syllabus (Civil)		T Y B.Tech Revised Syllabus (Civil)	
Sr. No.	Name of subject	Sr. No.	Name of Subject
1	Design of Structure I (steel)	1	Design of Steel Structure I
2	Water Resource Engineering I	2	Water Resource Engineering I
3	Geotechnical Engineering	3	Geotechnical Engineering
4	Theory of Structure II	4	Theory of Structure II
5	Transportation Engineering I	5	Transportation Engineering I
6	Design of Structure II	6	Design of Structure II
7	Foundation Engineering	7	Foundation Engineering
8	Environmental Engineering I	8	Environmental Engineering I
9	Water Resource Engineering II	9	Water Resource Engineering II
10	Engineering Geology	10	Engineering Geology
11	Transportation Engineering II	11	Professional Practice
12	Elective I	12	Elective I
	1) Prestressed Concrete		1) Prestressed Concrete
	2) Advanced Geotechnical Engg.		2) Advanced Geotechnical Engg.
	3) Advanced Structures		3) Environmental Pollution and control
	4) Water Power Engineering		
	5) Computer Methods In Structural Analysis		

  
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**Dr. Babasaheb Ambedkar Marathwada University**  
**Faculty of Civil Engineering And Technology**  
**Subject Equivalence List**

<b>B.Tech Old Syllabus (Civil)</b>		<b>B.Tech Revised Syllabus (Civil)</b>	
<b>Sr. No.</b>	<b>Name of subject</b>	<b>Sr. No.</b>	<b>Name of Subject</b>
1	Structural Mechanics	1	Structural Mechanics
2	Environmental Engineering II	2	Environmental Engineering II
3	Project Planning and Management	3	Project Planning and Management
4	Professional practice	4	Transportation Engineering II
5	Elective II	5	Elective II
	1) Earthquake Engineering		1) Earthquake Engineering
	2) Engineering economics and costing		2) Engineering economics and costing
	3) Finite Element Analysis		3) Green Building
6	In Plant Training	6	In Plant Training

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## BOS in Production Engineering

Equivalence of Subjects of Pre-Revised Course with Latest Revised Grade Point Course

Class: Third Year B. Tech. (Production)

Part-I			
Sr. No.	Subjects of Pre-Revised Course	Latest Revised Grade Point Course	Course Code
1	Machine Design-I	Design of Machine Elements-I	PED301
2	Theory of Machines-II	Theory of Machines-II	PED302
3	Metallurgy	Engineering Metallurgy	PED352
4	Hydraulic Machines and Heat Transfer	Hydraulic Machines and Heat Transfer	PED303
5	Production Planning & Control	Process Planning & Statistical Process Control	PED305
6	Industrial Management	Industrial Management	PED306
7	Development of Skills-V	Laboratory-V Seminar	PED325
Part-II			
1	Machine Design-II	Design of Machine Elements-II	PED351
2	CAD/CAM	CAD/CAM/CIM	PED304
3	Tool Design	Tool Design	PED353
4	Elective-I Non-Conventional Machining Process Management Information System Costing & Financial Management	Elective-I Non-Conventional Machining Processes Supply Chain Management Reliability & Maintenance Engineering	PED 391-394 PED 391  PED 392 PED 393
5	Elective-II	Robotics & Automation	PED354
6	Computer Aided Engineering Analysis	Computational Techniques	PED355
7	Seminar	Laboratory X – Project-I	PED375

Class: Final Year B. Tech. (Production)

Part-I			
Sr. No.	Subjects of Pre-Revised Course	Latest Revised Grade Point Course	Course Code
1	Industrial Engineering	Industrial Engineering	PED404
2	Machine Tool Design	Machine Tool Design	PED402
3	Automatic Control System	Automatic Control System	PED401
4	Theory of Metal Forming	Theory of Metal Forming	PED403
5	Elective-III Mechatronics Project Management & Operation Research Advanced Management Concepts	Elective-II (PED441-445) Project Management & Operation Research Product Design Composites Materials & Technology Finite Element Analysis Open Elective	PED441  PED442 PED443  PED444 PED445
6	Project	Project-II	PED425
Part-II			
1	In-Plant Training and Project Seminar	In-Plant Training (IPT)	PED471

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BOS Chairman



Dr.Babasaheb Ambedkar Marathwada University,Aurangabad  
Faculty of Engineering and Technology  
Department of Plastics and Polymer Engineering

**S.Y.B.Tech Old Syllabus Subject**      **S.Y.B.Tech Revised Syllabus Subject**

Sr.No	Name of Subject	Sr.No	Name of Subject
1	Mathematics-III	1	Engg .Mathematics-III
2	Materials Science	2	Materials Engg
3	Organic Chemistry	3	Organic Chemistry
4	Mechanical Operation	4	Mechanical Operation
5	Introduction to Polymer Engg	5	Introduction to Polymer Engg
6	Polymer Testing	6	Polymer Testing
7	Development of Skills-III	7	Development of Skills-II
8	Mathematics-IV	8	Engg .Mathematics-IV
9	Process Calculation	9	Process Calculation
10	Physical Chemistry of Polymers	10	Physical Chemistry of Polymers
11	Fluid Mechanics	11	Fluid Mechanics
12	Thermoplastics Resins	12	Thermoplastics Resins
13	Additives of Polymers	13	Additives of Polymers
14	Development of Skills-IV	14	Design Lab-I(CAD)



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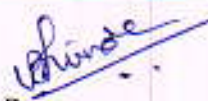
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Dr. Babasaheb Ambedkar Marathwada University, Aurangabad  
Faculty of Engineering and Technology  
Department of Plastics and Polymer Engineering

T.Y.B.Tech Old Syllabus Subject		T.Y.B.Tech Revised Syllabus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Polymer Rheology and Morphology	1	Polymer Rheology and Morphology
2	Economics and Management	2	Economics and Management
3	Rubber Technology-I	3	Elastomer Technology
4	Thermosetting Resins	4	Thermosetting Resins
5	Heat Transfer	5	Heat Transfer
6	Instrumentation and Process Control	6	Instrumentation and Process Control
7	Development of Skills-V	7	Seminar
8	Polymer Reaction Engineering	8	Polymer Reaction Engineering
9	Mass Transfer	9	Mass Transfer
10	Polymer Processing Technology	10	Polymer Processing Technology
11	Elective-I(Biopolymers/ Surface Coating and Adhesives)	11	Elective-I(Biopolymers/Surface Coating / Plastics Packaging Technology)
12	Elective-II(Polymer Blends and Composites/ Plastics Packaging Technology)	12	Polymer Recycling and Waste Management
13	Speciality Polymers	13	Speciality Polymers
14	Seminar	14	Project-I

  
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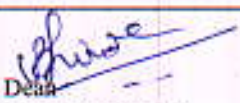
  
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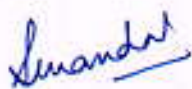


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Faculty of Engineering and Technology  
Department of Plastics and Polymer Engineering

Final Year B.Tech Old Syllabus Subject		Final Year B.Tech Revised Syllabus Subject	
Sr.No	Name of Subject	Sr.No	Name of Subject
1	Plastics Mould and Product Design	1	Mould and Product Design
2	Rubber Technology-II	2	Advanced Elastomer Technology
3	Plant Design	3	Process Engineering & Plant Design
4	Polymer Recycling and Waste Management	4	Instrumental Analysis of Polymers
5	Elective-III(Polymer Nanocomposite/ Fibre Technology)	5	Elective-II(Polymer Nanocomposite/ Fibre Technology/ Polymer Blends and Composites/ Adhesive Science and Technology)
6	Project	6	Project-II

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BOS in Mechanical Engineering

Equivalence of subjects of Final Year B. Tech. (Mechanical) Part - I & II (Pre - Revised Course) and Final Year B. Tech. (Mechanical) Semester-VII & VIII (Grade Point Revised Course)

Class: Final Year B. Tech. (Mechanical) Part -I

Final year B. Tech (M)- Pre revised		Final year B. Tech (M)- Revised (CGPA)	
Sr. No.	Name	Name	Code
1	Refrigeration and Air Conditioning	Refrigeration and Air Conditioning	MED- 401
2	Heat Transfer	Heat Transfer	MED- 403
3	Automatic Control System	Automatic Control System	MED- 402
4	Tool Design	Tool Design	MED- 404
5	Elective - III	Elective - II	MED441-445
		Project Management and Operation Research	MED-441
		Product Design	MED-442
		Composites Materials and Technology	MED-443
		Finite Element Analysis	MED-444
		Open Elective	MED-445
6	Project - I	Project - II	MED 425

Final Year B. Tech. (Mechanical) Part -II

Final year B. Tech (M)-Pre revised		Final year B. Tech (M)-Revised (CGPA)	
Sr. No.	Name	Name	Code
1	In plant Training (IPT)	In plant Training (IPT)	MED- 471

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BOS in Mechanical/ Production Engineering

Equivalence of subjects at T. Y. (Mechanical) Part-I & II (Pre- Revised Course ) and

T. Y. (Mechanical) Semester – V & VI (Grade Point Course)

Class : T.Y. B. Tech. (Mechanical / Production) Part –I

Sr. No.	TY (M)- Pre revised	TY (M)- Revised (CGPA)	
	Name	Name	Code
1	Machine Design- I	Design of Machine Elements - I	MED-301
2	Theory of Machines-II	Theory of Machines-II	MED-302
3	Metallurgy	Engineering Metallurgy	MED-353
4	Fluid Mechanics and Machines	Fluid Mechanics and Machineries	MED-352
5	Production Management	Production Management	MED-304
6	Industrial management	Industrial Management	MED-306
7	Development of Skills - V	Seminar	MED-325

TY (M) Part –II

Sr. No.	TY (M)- Pre revised	TY (M)- Revised (CGPA)	
	Name	Name	Code
1	Machine Design- II	Design of Machine Elements - II	MED- 351
2	CAD/CAM	Computer Aided Design/Computer aided Manufacturing/ Computer Aided Engineering	MED-303
3	I. C. Engines and Turbo Machines	Internal Combustion Engines and Turbines	MED-305
4	Elective –I	Elective –I	MED 391-394
		Mechatronics	MED-391
		Reliability & Maintenance Engineering	MED-392
		Mechanical Vibration	MED-393
		Introduction to aircraft industry and aircraft system	MED-394
5	Elective –II	Modern Management technique	MED-354
6	Computer Aided Engineering	Computational Technique	MED-355
7	Seminar	Project - I	MED-375

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BOS in Mechanical/ Production Engineering

Equivalence of subjects at S. Y. (Mechanical/ Production) Part-I & II (Pre- revised course) and

S. Y. (Mechanical/ Production) Semester – III & IV (Grade Point Revised Course)

Class: SY (Mechanical / Production) Part –I

SY (M/P)- Pre revised		SY (M/P)- Revised (GP Course)	
Sr. No.	Name	Name	Code
1	Mathematics – III	Engineering mathematics – III	BSH- 201
2	Applied Thermodynamics	Applied Thermodynamics	MED- 252
3	Strength of material	Strength of material	MED-203
4	Machine Drawing	Machine Drawing	MED-204
5	Manufacturing Processes –I	Manufacturing Processes –I	MED-205
6	Mechanical Measurements	Engineering Thermodynamics	MED-206
7	Manufacturing Processes –I (Workshop Practical- II)	Lab- IV (Workshop Practical- II)	MED-224
8	Development of Skills -III	Lab- V. (Development of Skills -II)	MED-225

Class: SY (Mechanical/Production) Part –II

SY (M/P)- Pre revised		SY (M/P)- Revised (GP Course)	
Sr. No.	Name	Name	Code
1	Mathematics – IV	Engineering mathematics – IV	BSH-251
2	Fluid Mechanics	Fluid Mechanics	MED- 202
3	Theory of Machine- I	Theory of Machine- I	MED-253
4	Metrology & Quality of Control	Metrology & Mechanical Measurements	MED- 254
5	Manufacturing Processes –II	Manufacturing Processes –II	MED- 255
6	Electrical Technology	Electrical Technology	MED- 256
7	Manufacturing Processes –II (Workshop Practical- III)	Lab- IV (Workshop Practical- III)	MED- 274
8	Development of Skills -IV	Lab- X (Development of Skills -III)	MED- 275

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Dr. Babasaheb Ambedkar Marathwada University			
Faculty of Instrumentation and Control Engineering			
Subject Equivalence List			
S.Y.B.Tech.Old Syallbus Subject		S.Y.B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Mathematics-III	1	Engineering Mathematics-III
2	Electronics Devices and Circuits	2	Measurement Fundamentals
3	Sensors and Transducers	3	Sensors and Transducers-I
4	Electrical Machines and Measurements	4	Analog Electronics
5	Digital Electronics	5	Digital Electronics
6	Industrial Mangement	6	Values and Ethics in Profession
7	Mathematics-IV	7	Engineering Mathematics-IV
8	Control System Components	8	Control System Components
9	Circuit Theory	9	Circuit Theory and Networks
10	Signals and systems	10	Sensors and Transducers-II
11	Feedback Control System	11	Basic Control Theory
12	Principles of Communication Engineering	12	Unit Operations

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Dr.Babasaheb Ambedkar Marathwada University			
Faculty of Instrumentation and Control Engineering			
Subject Equivalence List			
T.Y.B.Tech.Old Syallbus Subject		T.Y.B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Analytical Instrumentation	1	Biomedical and Analytical Instrumentatio
2	Digital Signal Processing	2	Digital Signal Processing
3	Modern Control Theory	3	Instrumentation System Design
4	Microprocessor Techniques	4	Microprocessor and Microcontroller
5	Linear Integrated Circuits	5	Electrical Drives and Control
6	Unit Operation	6	Power Plant Instrumentation
7	Data Communication and Computer Network	7	Linear Integrated Circuits
8	Instrumentation System Design	8	Modern Control Theory
9	Microcontroller and Applications	9	Soft Computing
10	Process Control-I	10	Process Control
11	Elective-I	11	Data Communication and Computer Network
12	Elective-II	12	Entrepreneurship Development and Mangement

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Dr.Babasaheb Ambedkar Marathwada University			
Faculty of Instrumentation and Control Engineering			
Subject Equivalence List			
B.Tech.Old Syallbus Subject		B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Process Control -II	1	Advanced Process Control
2	Industrial Automation	2	Industrial Automation
3	Process Modelling Simulation and Opti	3	Process Modelling Simulation and Optim
4	Project Planning Estimation and Asses	4	Project Planning Estimation and Assesm
5	<b>Elective-III</b>	5	<b>Elective-II</b>
	a.) Artificial Intelligent System		a.)Automobile Instrumentation
	b.)Robotics and Automation		b.)Robotics and Automation
	c.) Instrumentation for Agriculture and Food Processing		c.) Instrumentation for Agriculture and Food Processing

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Dr. Babasaheb Ambedkar Marathwada University			
Faculty of Computer Science Engineering And Technology			
Subject Equivalence List			
S.Y.B.Tech. Old Syallbus Subject		S.Y.B.Tech. Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Mathematics - III	1	Mathematics - III
2	Discrete Mathematics	2	Discrete Mathematics
3	Microprocessor-I	3	Digital Electronics & Microprocessor 8086
4	Digital Electronics	4	Object Oriented Programming in Java
5	Visual Basic Programming	5	C C++ Programming
6	System Software	6	Computer Organization
7	Mathematics-IV	7	Mathematics-IV
8	Computer Organization	8	Computer Hardware
9	Microprocessor-II	9	Computer Network
10	Data Structures	10	Data Structure
11	Object Oriented Programming in C++	11	Programming in VB.NET
12	Data Communication	12	Software Engineering

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Dr. Babasaheb Ambedkar Marathwada University			
Faculty of Computer Science Engineering And Technology			
Subject Equivalence List			
T.Y.B.Tech. Old Syallbus Subject		T.Y.B.Tech. Revised Syallbus Subject	
Sr. No.	Name of Subject	Sr. No.	Name of Subject
1	System Development Methodology	1	Relational Database Management Systems
2	Operating System	2	Operating System
3	Computer Algorithms	3	Design and Analysis of Algorithm
4	Theory of Computation	4	Theory of Computation
5	Java Programming	5	Advanced JAVA
6	Programming in VB.NET	6	System Software
7	Computer Networks	7	Digital Image Processing
8	Relational Database Management Systems	8	Data Mining and Warehousing
	Elective-I		
	1. Compiler Construction		1. Principles of Compiler Design
	2. Artificial Intelligence		2. Principles of Compiler Design
9	3. Computer Graphics & Multimedia	9	3. Principles of Compiler Design
	Elective-II		
	1. Values and Ethics in Profession		1. Object Oriented Analysis and Design
	2. Operations Research		2. Artificial Intelligence
10	3. Industrial Management	10	3. Industrial Management
11	Linux Operating System	11	LINUX Operating System
12	User Interface Design	12	Professional Ethics and Cyber Security

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Dr. Babasaheb Ambedkar Marathwada University			
Faculty of Computer Science Engineering And Technology			
Subject Equivalence List			
B.Tech. Final Year Old Syallbus Subject		B.Tech. Final Year Revised Syallbus Subject	
Sr. No.	Name of Subject	Sr. No.	Name of Subject
1	Artificial Neural Networks	1	Cloud Computing
2	Data Mining and Warehousing	2	Mobile Application Development
3	Digital Image Processing	3	Network Security
4	Software Testing & Quality Assurance	4	Software Testing & Quality Assurance
5	Elective-III 1. Distributed Computing 2. Cyber Security 3. Introduction to Mainframe Systems	5	1. Soft Computing 2. Business Intelligence 3. Introduction to Mainframe System

  
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**Dr.Babasaheb Ambedkar Marathwada University**

**Faculty of Agricultural Engineering**

**Subject Equivalence List**

S.Y.B.Tech.Old Syallbus Subject		S.Y.B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Mathematcs-III	1	Engineering Mathematics-III
2	Farm Power	2	Farm Power
3	Agricultural Sciences	3	Crop Production Technology
4	Heat and Mass Transfer	4	Heat Transfer & Refrigeration
5	Fluid Mechanics	5	Fluid Mechanics & Hydraulics
6	Surveying & Leveling	6	Surveying & Leveling
7	Development of Skill-III	7	Development of Skill - II
8	Mathematcs-IV	8	Engineering Mathematics-IV
9	Farm Machinery	9	Farm Implements and Machinery
10	Soil Mechanics	10	Soil Mechanics
11	Theory of Machine	11	Strength of Materials
12	Irrigation & Drainage engineering	12	Renewable Energy Sources
13	Post Harvest Technology	13	Dairy Technology
14	Development of Skill-IV	14	Technical Report Writing

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V.G.Jadhav  
19/11/14


**Dr.Babasaheb Ambedkar Marathwada University**


**Faculty of Agricultural Engineering**

**Subject Equivalence List**

T.Y.B.Tech.Old Syallbus Subject		T.Y.B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Watershed Hydrology	1	Watershed Hydrology & Management
2	Advanced Irrigation System Design	2	Irrigation Engineering
3	Agricultural Process Engineering	3	Engineering Properties of Biological Materials
4	Machine Design	4	Kinematics of Machine
5	Renewable Energy Sources	5	Crop Process Engineering
6	Dairy Technology	6	Agricultural Structures
7	Development of Skill-V	7	Seminar
8	Soil & Water Conservation Engineering	8	Soil & Water Conservation Engineering
9	Seed Processing & Equipments	9	Drying & Storage Engineering
10	Strength of Materials	10	Machine Design
11	Groundwater, Wells nad Pumps (EL-I)	11	Food Engineering
12	Tractor and Their Power Units (EL-II)	12	Green House Technology (EL-I)
13	Technical Report Writing	13	Drainage Engineering
14	Seminar	14	Project-I

  
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**Faculty of Agricultural Engineering**

**Subject Equivalence List**

B.Tech.Old Syallbus Subject		B.Tech.Revised Syallbus Subject	
Sr.No.	Name of Subject	Sr.No.	Name of Subject
1	Soil & Water Conservation Structures	1	Soil Conservation Structures Design
2	Agricultural Economics & Farm Management	2	Wells & Pumps
3	Electrical Technology	3	Micro Irrigation System Design
4	Farm Technology	4	Food Processing Plant Design
5	Command Area Development (EL-III)	5	Watershed Planning & Management (EL-II)
6	Green House Technology (EL-III)	6	Agricultural Economics & Farm Management
7	Project	7	Project-II

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V.G. Talwar  
12/07/15


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**Faculty of Electronics and Telecommunication Engineering And Technology**

**Subject Equivalence List**

<b>B.Tech.Final Year Old Syallbus Subject</b>		<b>B.Tech.Final Year Revised Syallbus Subject</b>	
<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Sr.No.</b>	<b>Name of Subject</b>
1	Advance Processors	1	Advanced Embedded System Design
2	Advanced Digital Signal Processing and Image Processing	2	Digital Image Processing
3	Analog and Digital VLSI	3	Analog VLSI Design
4	Communication Networks and Security	4	Communication Networks and Security
5	Elective -III 1. Pattern Recognition 2. Telematics 3. Robotics and Automation	5	1. Electronic Product Design 2. Microwave and Optical Communication 3. Advanced Industrial Automation
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	

  
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