

डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.**परिपत्रक क्रमांक/शैक्षणिक/एस.यू./अभियांत्रिकी/समकक्षता/७१/२०१४.**

या परिपत्रकाद्वारे सर्व संबंधितांना सुचित करण्यात येते की, अभियांत्रिकी व तंत्रज्ञान विद्याशाखेचे अधिष्ठाता यांनी शिफारस केल्यानुसार मा. कुलगुरुंनी अभियांत्रिकी व तंत्रज्ञान विद्याशाखेचा बी.ई. द्वितीय वर्षाच्या जुन्या अभ्यासक्रमाच्या समकक्ष असलेल्या तपशिलात नव्याने सुधारणा करण्यासाठी त्यांना प्राप्त असलेल्या विश्व अधिकार महाराष्ट्र अधिनियम-१९९४ कलम १४(७) अन्वये मान्यता दिली आहे व सुधारीत केलेल्या अभ्यासक्रमाची प्रत सोबत जोडली आहे.

हा सुधारीत अभ्यासक्रम शैक्षणिक वर्ष २०१३-१४ पासून अंमलात येईल.

या परिपत्रकाची सर्व संबंधितांनी नोंद घ्यावी.

विद्यापीठ प्रांगण,
औरंगाबाद-४३१ ००४.
संदर्भ क्र.एस.यू./ अ.व.तं./ डी.जे.एस. /२०१३-१४/
५५६३-८६
दिनांक :- २६-०५-२०१४

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Ukamba
संचालक,
महाविद्यालये व विद्यापीठ
विकास मंडळ.

या परिपत्रकाची एक प्रत :-

- १) मा. परिक्षा नियंत्रक, परिक्षा विभाग, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.
- २) कक्ष अधिकारी, अभियांत्रिकी व तंत्रज्ञान विभाग, परीक्षा भवन, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.
- ३) मा. प्राचार्य, सर्व संलग्नीत महाविद्यालये, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ.
- ४) अभिलेख विभाग, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.
- ५) जनसंपर्क अधिकारी, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

Board of Studies in Civil Engineering

Equivalent subjects of SE (Civil) Part-I & II Pre-revised course to revised course of SE (Civil) Part-I & II

Sr. No.	SE (Civil) Pre-revised	Equivalent subject in SE (Civil) revised course.
1.	Engineering Mathematics-III	Engineering Mathematics-III
2.	Strength of Materials	Strength of Materials
3.	Fluid Mechanics-I	Fluid Mechanics-I
4.	Surveying -I	Surveying -I
5.	Concrete Technology.	Concrete Technology.
6.	Engineering Mathematics-IV	Engineering Mathematics- IV
7.	Building Construction and drawing.	Building Construction and drawing.
8.	Fluid Mechanics-II	Fluid Mechanics-II
9.	Surveying -II	Surveying -II
10.	Theory of Structure-I	Theory of Structure-I
11.	Lab- I	Computer Lab- I
12.	Lab- II	Computer Lab- II
13.	Communication Skill	Lab X: Communication Skill.

Submitted,

Following are the details of equivalent subject of S.E. (Instrumentation & Control/Instrumentation) revised & old.

S.E.(ICE)			
Part-I			
Sr. No.	Revised Subject	Sr. No.	Old Subject
01	Engineering Mathematics III	01	Engineering Mathematics III
02	Sensor technology -I	02	Sensor & Transducer -I
03	Electronic Devices & Circuits	03	Digital System Design
04	Basic Instrumentation	04	Object Oriented Programming & System
05	Network Theory	05	Network Analysis & Synthesis
Part-II			
07	Engineering Mathematics-IV	07	Engineering Mathematics-IV
08	Sensor Technology – II	08	Sensor & Transducer -II
09	Electrical Machines	09	Electrical Machines & Measurement
10	Linear Integrated Circuits & application	10	Linear Integrated Circuits & applications
11	Digital Electronics & Microprocessor	11	Microprocessor & Interfacing

BOS in Mechanical / Production Engineering

Equivalent Subjects at S.E.(MECHANICAL / PRODUCTION) I & II Pre-revised Course to Revised course of S.E.(MECHANICAL / PRODUCTION) Sem-III & IV

Sr. No.	S.E.(M/P) Pre-revised	Equivalent / Replacement Subject
1	Engineering Mathematics-III	Engineering Maths-III
2	Machine Drawing	Machine Drawing
3	Engineering Thermodynamics	Thermodynamics-I
4	Manufacturing Processes	Production Processes-I
5	Strength of Materials	Strength of Materials
6	Workshop- III	Lab-IV Workshop - III
7	Communication Skills	Lab-IX Communication Skill
8	Engg Mathematics-IV	Engineering Maths-IV
9	Electricals Machines & Applied Electronics	Electrical Machines & Applied Electronics
10	Applied Thermodynamics	Thermodynamics-II
11	Mechanisms of Machines	Theory of Machines-I
12	Machine Tools	Production Processes-II
13	Workshop-IV	Lab-VIII Workshop - IV

BOS in Computer Science & Engineering/Information Technology

Equivalent subjects at SE (CSE/IT) – I & II Pre-revised course to the Revised
Course of S. E. (CSE/IT) Sem – III & IV.

SE (CSE) Part – I

	SE (CSE) –I (Pre-Revised)	Equivalent / Replacement subject
1	Engineering Mathematics-III	Engineering Mathematics-III
2	Discrete Mathematics	Discrete Mathematics of S.E(CSE) Sem-IV (Revised)
3	Data Structures using C	Data Structures using C
4	Data communication	Computer Networks-I of S.E.(CSE) Sem-III (Revised)
5	Digital Electronics	Digital Electronics
6	Advance C Programming Lab	LAB-V Introduction to web programming of S.E.(CSE) Sem-III (Revised)
7	Communication Skills	Communication Skills of S.E(CSE) Sem-IV (Revised)

SE (CSE) Part – II

	SE (CSE) –I (Pre-Revised)	Equivalent / Replacement subject
1	Engineering Mathematics-IV	Engineering Mathematics-III
2	Open Source Software Technology	Unix and Shell Programming of S.E(CSE) Sem-III (Revised)
3	Computer graphics	Computer graphics
4	Micro processors and Computer organization	Micro processors
5	Object Oriented Programming(using c++)	Object Oriented Programming with C++ Lab
6	Mini Project	LAB-IX Open Source Lab
7	Communication Skills	Communication Skills

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S.E. (EC/ECE/E & C/IE)

Sr.No.	Subject	Equivalence to be given as per Revised Course
SEM-I		
1	Mathematics-III	Mathematics-III
2	Electronics Devices & Circuit -I	Electronics Devices & Circuit -I
3	Network Theory	Network Analysis
4	Data Structure & Numerical Methods	Data Structure
5	Signals & Systems	Signals & Systems
SEM -II		
6	Mathematics-IV	Mathematics-IV
7	Electronics Devices & Circuit -II	Electronics Devices & Circuit -II
8	Digital System	Digital System Design
9	Analog Communication Engineering	Communication Engineering
10	Electrical Machine & Instrumentation	Electrical Machine & Instrumentation

Equivalence to S. E. (Chemical) Revised Syllabus

SEMESTER - I				
Sr. No.	OLD COURES (2007-2008)		REVISED COURSE (2012-2013)	
	Subject No	Subject	Subject No	Subject
1	2901	Engineering Mathematics - III	BSH201	Engineering Mathematics - III
2	2902	Strength of Materials	CED255	Strength of Materials
3	2903	Organic Chemistry	BSH202	Engineering Chemistry
4	2904	Physical chemistry & Thermodynamics	BSH203	Physical chemistry & Thermodynamics
5	2905	Process calculations	CHE204	Chemical Process calculations
6	2906	Theory and Design of Machine Elements	CHE224	Theory and Drawing of Equipments
7	2907	Communication Skills	BSH275	Communication Skills
SEMESTER - II				
8	2908	Engineering Mathematics - IV	BSH251	Engineering Mathematics - IV
9	2909	Electrical Technology	CHE252	Heat Transfer
10	2910	Inorganic Chemistry	CHE253	Mechanical Operation
11	2911	Process Instrumentation and Analytical Chemistry	CHE254	Process Instrumentation and Analytical Techniques
12	2912	Momentum Transfer	CHE205	Fluid Mechanics
13	2913	Computer Laboratory	CHE274	Computer Laboratory

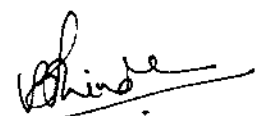
SE(EEP/EEE/EE) list of equivalence subject

Subject (OLD)	Equivalence (Revised subject)
Mathematics-III	Mathematics-III
DC machines and Transformers	Transformers and DC machines
Electrical Measurement and Instrumentation	Electrical Measuring techniques
Electrical power Generation	Electrical power Generation and its Economics
Electronic Devices and circuits	Electrical Engineering Materials (for EEP and EE branch)
Electronic Devices and Circuits	Electronic Devices and Circuits (For EEE branch)
Mathematics-IV	Mathematics-IV
AC machines	AC machines
Object oriented programming	Network Analysis
Electrical Power Transmission and Distribution	Electrical Power Transmission and Distribution
Linear Integrated Circuits	Analog and Digital circuits
Electrical Workshop	Fundamentals of PLC
Communication skill	Communication skill

BIOTECHNOLOGY ENGINEERING

Equivalent Subjects of S.E (Biotechnology) Part-I and Part-II Pre-revised course to revised course of S.E (Biotechnology) Effective from Academic Year 2012-2013

Sr. No	S.E (Biotechnology) Pre-revised course	Equivalent subjects in S.E (Biotechnology) Revised course
1.	Engineering Mathematics III	Engineering Mathematics III
2.	Bitransport phenomenon I	Metabolic pathways and regulation
3.	Bioprocess calculation	Process calculation
4.	Biochemistry	Biochemistry
5.	Microbiology	Microbiology
6.	Communication skills	Communication skills
7.	Engineering Mathematics IV	Engineering Mathematics IV
8.	Biochemical reaction engineering I	Momentum and heat transfer
9.	Biological Thermodynamics	Bioinstrumentation
10.	Cell biology	Cell biology
11.	Molecular biology	Molecular biology
12.	Numerical methods and computer programming	Computational techniques



Dr. Shinde Ulhas B.