

URGENT/BY HAND

UNIVERSITY OF MUMBAI
No. UG/ 99 of 2010

CIRCULAR:-

In continuation of this office circular No. UG/95 of 2010 dated 19th May, 2010 relating to the Bachelor of Engineering degree course, the Principals of the affiliated Colleges in Engineering are hereby informed that the students of the B.E degree course (Sem. III, IV, V and VI) (Electrical, Instrumentation and Bio-Medical branches) (Old Course) (2001-2002 onwards) are also allowed to appear for the examinations in the equivalent subjects under the revised syllabi of the B.E. degree course which is brought into the force with effect from the academic year 2007-2008 onwards.

The list of the equivalent subjects enclosed herewith.

MUMBAI-400 032
25th May, 2010

(L. R. MANE)
offg. REGISTRAR

To,

The Principals of the affiliated colleges in Engineering.

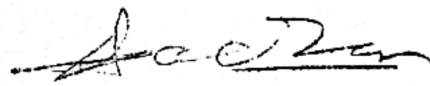
No. UG/99 -A of 2010

MUMBAI-400 032

25th May, 2010

Copy forwarded with Compliments for information to :-

1. The Dean, Faculty of Technology.
2. The Chairmen of the various Boards of the Studies and Ad-hoc Board of Studies in various branches of Engineering.
3. The Controller of Examinations.
4. The Co-ordinator, University Computerization Center


(D. N. JADHAV)
I/c. Deputy Registrar
U.G./P.G.SECTION

Copy to :-

The Director, Board of College and University Development, the Deputy Registrar (Eligibility and Migration section), the Director of Students Welfare, the Personal Assistants to the Vice-Chancellor, the Pro-Vice-Chancellor, the Registrar and the Assistant Registrar, Administrative, Ratnagiri for information.

The Controller of Examinations (10 copies), the Finance and Accounts officer (2 copies), Record Section (5 copies), Publications Section (5 copies), the Deputy Registrar, Enrollment, Eligibility and Migration Section (3 copies), the Deputy Registrar, Statistical, Affiliation Section (2 copies), the Professor-cum-Director, Institute of Distance and Open Learning (DOL), (10 copies) the Director University Computer Center (IDE Building), Vidyasagari, (2 copies) the Deputy Registrar Special Cell), the Deputy Registrar, (PRO). The Assistant Registrar, Academic Authorities Unit (2 copies) and the Assistant Registrar, Executive Authorities Unit (2 copies). They are requested to treat this as action taken report on the concerned solution adopted by the Academic Council referred to in the above Circular and that no Separate Action Taken Report will



**EQUIVALENT SUBJECT IN ELECTRICAL ENGINEERING
SEMESTER - III**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics-III	Engineering Mathematics III	III
Digital Electronics	NO EQUIVALENCE	
Basic Electronics	Basic Electronics	III
Electrical Networks-I	Electrical Network	III
Electrical Measurements & Measuring Instruments	Electrical Measurements & Measuring Instruments	III
Numerical Techniques	Numerical Techniques	III

**EQUIVALENT SUBJECT IN ELECTRICAL ENGINEERING
SEMESTER - IV**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics-IV	Engineering Mathematics IV	IV
Electrical Network-II	NO EQUIVALENCE	
Analog and Digital Integrated Circuits	Analog and Digital Integrated Circuits	IV
Electronics Circuits	Electronics Circuit Design	IV
Communication Engg-I	Communication Engineering	V
Electrical Instrument and Instrumentation	Electrical Instrument and Instrumentation	IV

EQUIVALENT SUBJECT IN ELECTRICAL ENGINEERING SEMESTER - V

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics-V	NO EQUIVALENCE	
Electromagnetic Fields and Waves	Electromagnetic Fields and Waves	V
Elements of Power Systems	Elements of Power systems	IV
Electrical Machine-I	Electrical Machines – I	IV
Signal Processing-I	NO EQUIVALENCE	
Control system-I	Control System-I	VI
Presentation & Communication Techniques	Presentation & Communication Techniques	III

EQUIVALENT SUBJECT IN ELECTRICAL ENGINEERING SEMESTER - VI

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Power Transmission	Power System Analysis	V
Signal Processing-II	Signal Processing	VI
Electrical Machine-II	NO EQUIVALENCE	
Microprocessor and systems	NO EQUIVALENCE	
Power Electronics	Power Electronics	V
Industrial Economics and Management	Project Management	VI

EQUIVALENT SUBJECT IN INSTRUMENTATION ENGINEERING SEMESTER - III

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Sem.III		
Applied Mathematics -III	Engineering Mathematics -III	III
Electronics Devices & Circuits	Analog Electronics	III
Electrical Networks	Electrical Network	III
Electrical Technology & Instruments	Electrical Technology & Instruments	IV
Engineering Materials and Components	NO EQUIVALENCE	
Fundamentals of Process Measurements	NO EQUIVALENCE	

EQUIVALENT SUBJECT IN INSTRUMENTATION ENGINEERING SEMESTER - IV

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics -IV	Engineering Mathematics -IV	IV
Industrial Electronics	Power Electronics and Drives	VI
Basic Control Systems	Feedback Control System	IV
Transducers for Instrumentation	Transducers -II	IV
Logic Circuits	Digital Electronics	III
Analytical Instrumentation	Analytical Instrumentation	IV

EQUIVALENT SUBJECT IN INSTRUMENTATION ENGINEERING SEMESTER - V

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics -V		
Control System Components	Control System Components	V
Elements of Microprocessors	Microprocessors and Applications	V
Principles of Communication Engineering	Communications Systems	V
Signals and Systems	Signals and Systems	V
Electronics and Digital Instrumentation	NO EQUIVALENCE	
Presentation and Communication Techniques	Presentation and Communication Techniques	III

EQUIVALENT SUBJECT IN INSTRUMENTATION ENGINEERING SEMESTER – VI

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Process Instrumentation Systems	Process Instrumentation Systems	VI
Linear Integrated Circuits and Application	Signal Conditioning Circuit Design	V
Advanced Microprocessors	Embedded Systems for Instrumentation	VI
Control System Engineering	Control System Design	VI
Computer Communication Networks	Industrial Data Communications	VI
Industrial Economics and Management	NO EQUIVALENCE	

**EQUIVALENT SUBJECT IN BIOMEDICAL ENGINEERING
SEMESTER - III**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics -III	Engineering Mathematics -III	III
Electronic Circuit Analysis and Design-I	Electronic Circuit Analysis and Design-I	III
Electrical Network Analysis and Synthesis	Electrical Network Analysis and Synthesis	III
Numerical Techniques	NO EQUIVALENCE	
Human Anatomy and Physiology	Human Anatomy and Physiology	III
Bio-Engineering Materials and Components	Biomaterials	III

**EQUIVALENT SUBJECT IN BIOMEDICAL ENGINEERING
SEMESTER - IV**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics -IV	Engineering Mathematics -IV	IV
Electronic Circuit Analysis and Design-II	Electronic Circuit Analysis and Design-II	IV
Electronic Instruments	Electronic Instruments	IV
Principles of Communication Engineering	Principles of Analog and Digital Communication	V
Logic Circuits	Logic Circuits	IV
Transducers in Biomedical Instrumentation	Transducers in Biomedical Instrumentation	JV

**EQUIVALENT SUBJECT IN BIOMEDICAL ENGINEERING
SEMESTER - V**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Applied Mathematics -V	NO EQUIVALENCE	
Microprocessors-I	Microprocessors	V
Engineering Electromagnetics	NO EQUIVALENCE	
Principles of Control Systems	NO EQUIVALENCE	
Biomedical Instrumentation-I	Biomedical Instrumentation-I	V
Medical Imaging-I	Medical Imaging-I	VI
Presentation & Communication Techniques	Presentation & Communication Techniques	III

**EQUIVALENT SUBJECT IN BIOMEDICAL ENGINEERING
SEMESTER - VI**

Old Subject (R-2001)	Equivalent Subjects (From Revised Syllabus R-2007)	
Microprocessors-II	Microcontrollers and Embedded Systems	VI
Analog Integrated Circuits and Applications	Design of Analog Circuits	V
Biomechanics	Biomechanics, Prosthetic and Orthotics	IV
Medical Imaging-II	Medical Imaging-II	VII
Biomedical Instrumentation-II	Biomedical Instrumentation-II	VI
Signal Processing for Biomedical Applications	Digital Signal Processing for Biomedical Applications	VI