

**Extra-Ordinary
Monday, the 17th October, 2011
NOTIFICATION**

No. 143/2011

Date : 17 /10/2011

Subject : Printing mistake in the Prospectus Nos. 121741 and 121712
prescribed for III & IV semesters B.E. and B.E./B.Arch./B.Text.E./
B.Tech.

It is notified for general information of all concerned that the contents of the syllabus of Unit III for the subject 4 ME 02 Engineering Metallurgy, IV semester B.E. Mechanical Engineering and Unit VI for the subject 3 CT 04 Applied Thermodynamics, III semester B.Tech. (Chemical Technology) (FPOPC) are not printed on page Nos. 28 and 101 respectively for the session 2011-2012.

a) The syllabus of Unit III for the subject 4 ME 02 Engineering Metallurgy, IV semester B.E. Mechanical Engineering is as follows :-

“Unit III : Alloy Steels: Classification and application of plain carbon steel Effect of grain size and impurities on properties of plain carbon steel Purpose of alloying, classification of alloying elements and their effect on steels, effect on transformation in steel, Low alloy engineering steels and High speed steels, their heat treatments and applications. Ferritic, Austenitic and Martenstic stainless steels, their properties and applications, weld decay in stainless steel. (08)”

b) The syllabus of Unit VI for the subject 3 CT 04 Applied Thermodynamics, III semester B.Tech. (Chemical Technology) (FPOPC) is as follows :-

“Unit-VI : Reciprocating Air Compressors : Classification, single and multistage. Effect of intercoding. Volumetric efficiency and power requirements, Air motors and vacuum pump and their applications.”

Sd/-
(Dineshkumar Joshi)
Registrar

NOTIFICATION

No. 144 /2011

Date :17 /10/2011

**Subject : Equivalence & absorption schemes in the faculty of
Engineering & Technology**

It is notified for general information of all concerned that the university authorities have accepted the equivalence & absorption schemes for the failure students of III & IV semester B.E./ B.Text.E./ B.Arch./B.Tech. (Old Courses) Semester Pattern in the faculty of Engineering & Technology which shall be as per **“Appendix-A”**, as given below.

Sd/-
(Dineshkumar Joshi)
Registrar

“Appendix-A”
SCHEMES OF EQUIVALENCE AND ABSORPTION FOR FAILURE STUDENTS OF III & IV
B.E./B.TEXT.E./B.TECH./B.ARCH. (SEMESTER PATTERN) (OLD COURSE) INTO
CREDIT GRADE SYSTEM

1) BRANCH : CIVIL ENGINEERING AND B.E. CIVIL ENGG. (PART TIME) I YEAR
 (Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3 SC 1/IPTC1	Mathematics-III	3 CE01	Mathematics-III
2)	3 SC 2/IPTC2	Strength of Materials	3 CE02	Strength of Materials
3)	3 SC 3	Transportation Engineering-I	3CE03	Transportation Engineering-I
4)	3 SC 4/IPTC4	Building Const. & Materials	3CE04	Building Construction & Materials
5)	3 SC 5/IPTC5	Engineering Geology	3CE05	Engineering Geology
6)	3 SC 6	Communication Skills	1PTC6	Communication Skills upto Summer-12 From Winter-2012 5CE 06 Comm. Skills

Effective from **Summer-2012** examination

7)	4 SC 1	Geotechnical Engineering-I	4CE01	Geotechnical Engineering-I
8)	4 SC 2	Fluid Mechanics-I	4CE02	Fluid Mechanics-I
9)	4 SC 3	Theory of Structures-I	4CE03	Theory of Structures-I
10)	4 SC 4/IPTC3	Surveying-I	4CE04	Surveying-I
11)	4 SC 5/IPTC7	Concrete Technology & Reinforced Cement Concrete-I	4CE05	Reinforced Cement Concrete-I

2) BRANCH : MECHANICAL ENGINEERING
 (Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SMP1	Mathematics-III	3ME01	Mathematics-III
2)	3SMP2	Mechanics of Materials	3ME02	Mechanics of Materials
3)	3SM3	Fluid Power-I	3ME03	Fluid Power-I
4)	3SM4	Engineering Thermodynamics	3ME04	Engineering Thermodynamics
5)	3SMP5	Manufacturing Process-I	3ME05	Manufacturing Process-I

Effective from **Summer-2012** examination

6)	4SMP1	Basic Electrical Drives & Control	4ME01	Basic Electrical Drives & Control
7)	4SMP2	Engineering Metallurgy	4ME02	Engineering Metallurgy
8)	4SM3	Energy Conversion-I	-----	Exam. conducted till Summer-2013
9)	4SMP4	Manufacturing Process - II	4ME04	Manufacturing Process - II
10)	4SMP5	Machine Drawing	-----	Exam. conducted till Summer-2013

3) BRANCH : PRODUCTION ENGINEERING
 (Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SMP1	Mathematics-III	-----	Exam. conducted till Winter-2012
2)	3SMP2	Mechanics of Materials	3PE02/3ME02	Mechanics of Materials / S.O.M.
3)	3SP3	Fluid Power & Systems	3PE03	Fluid Power & Systems
4)	3SP4	Thermal Power Engineering	-----	Exam. conducted till Winter-2012
5)	3SMP5	Manufacturing Process-I	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4SMP1	Basic Electrical Drives & Control	4PE01	Basic Electrical Drives & Control
7)	4SMP2	Engineering Metallurgy	4PE02	Material Technology
8)	4SP3	Theory of Machines	4PE03	Theory of Machines
9)	4SMP4	Manufacturing Process - II	4ME04	Manufacturing Process - II
10)	4SMP5	Machine Drawing	-----	Exam. conducted till Summer-2013

4) BRANCH : ELECTRONICS & TELECOMMUNICATION ENGINEERING
(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SULI1	Mathematics-III	3XT1	Mathematics-III
2)	3SULI2	Electronic Devices & Circuits	-----	Exam. conducted till Winter-2012
3)	3SUL3	Electromagnetic Fields	3XT3	Electromagnetic Fields
4)	3SUL4	Electrical Engineering-III	-----	Exam. conducted till Winter-2012
5)	3SUL5	Instrumentation	4XT5	Instrumentation

Effective from **Summer-2012** examination

6)	4SUL1	Communication Theory	-----	Exam. conducted till Summer-2013
7)	4SULI2	Computer Programming & Applications	-----	Exam. conducted till Summer-2013
8)	4SULEI3	Network Analysis	4XT3	Network Analysis
9)	4SRULEI4	Social Sc. & Engg. Economics	4IT04	Will have to appear in 4IT04 S.S. & E.E. of IV Semester B.E. Information Tech. Credit Grade System
10)	4SUL5	Components & Device Technology	-----	Exam. conducted till Summer-2013

5) BRANCH : INSTRUMENTATION ENGINEERING
(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SULI1	Mathematics-III	3IE1	Mathematics-III
2)	3SULI2	Electronic Devices & Circuits	3IE02	Electronic Devices & Circuits
3)	3SI3	Electrical Measurement	3IE03	Electrical Measurement
4)	3SI4	Transducer & Signal Conditioning	3IE04	Sensors & Transducer
5)	3SI5	Work Shop Technology	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4SI1	Electrical Machines	4IE01	Electrical Machines
7)	4SULI2	Computer Programming & Applications	4IE02	Computer Programming and Applications
8)	4SULEI3	Network Analysis	4IE3	Network Analysis
9)	4SRULEI4	Social Sc. & Engg. Economics	4IT04	Will have to appear in 4IT04 S.S. & E.E. of IV Semester B.E. Information Tech. Credit Grade System
10)	4SI5	Thermal & Fluid Power Engineering	-----	Exam. conducted till Summer-2013

6) BRANCH : ELECTRICAL ENGINEERING (ELECTRONICS & POWER)
(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SE1	Mathematics-III	3EP01	Mathematics-III
2)	3SE2	Power Plant Engineering-I	-----	Exam. conducted till Winter-2012 exam.
3)	3SE3	Electrical Machines-I	-----	Exam. conducted till Winter-2011 exam. From Summer-2012 will have to appear in 4 EP 01 Electrical Machines - I
4)	3SE4	Electrical Measurement & Instrumentation	3EP05	Electrical Measurement & Instrumentation
5)	3SE5	Electronic Devices & Circuits	3EP04	Electronic Devices & Circuits

Effective from **Summer-2012** examination

6)	4SE1	Power Plant Engineering-II	-----	Exam. conducted till Summer-2013 exam.
7)	4SE2	Signals & Systems	-----	Exam. conducted till Summer-2013 exam.
8)	4SULEI3	Network Analysis	-----	Exam. conducted till Summer-2013 exam.
9)	4SE4	Electrical Machines-II	-----	Exam. conducted till Summer-2013 exam. From Winter-2012 will have to appear in 5 EP 03 Electrical Machines-II
10)	4SE5	Analog Devices & Circuits	4EP03	Analog & Digital Circuits

7) BRANCH : ELECTRICAL & ELECTRONICS ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SEE1	Mathematics-III	3EX01	Mathematics-III
2)	3SEE2	Network Analysis	3EX02	Network Analysis
3)	3SEE3	Energy Resources & Generation	3EX03	Energy Resources & Generation
4)	3SEE4	Electronic Devices & Circuits	3EX04	Electronic Devices & Circuits
5)	3SEE5	Electrical Measurement & Instrumentation	3EX05	Electrical Measurement & Instrumentation

Effective from **Summer-2012** examination

6)	4SEE1	Electrical Machines-I	4EX01	Electrical Machines - I
7)	4SEE2	Electromagnetic Theory	4EX02	Electromagnetic Theory
8)	4SEE3	Linear Integrated Circuits	4EX03	Linear Integrated Circuits
9)	4SEE4	Signals & Systems	4EX04	Signals & Systems
10)	4SEE5	Numerical Methods & Computer Programming	4EX05	Numerical Methods & Computer Programming

8) BRANCH : INFORMATION TECHNOLOGY

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SRN1	Mathematics-III	3IT01	Mathematics III
2)	3SRN2	Programming Methodology	3IT02	Programming Methodology
3)	3SRN3	Discrete Structures	3IT03	Discrete Structures
4)	3SRN4	Electronic Devices & Circuits	-----	Exam. conducted till Winter-2012
5)	3SN5	Communication Engg.-I	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4SRN1	Data Structures	4IT01	Data Structures
7)	4SRN2	Numerical & Statistical Methods	-----	Exam. conducted till Summer-2013
8)	4SN3	Linear Electronics Circuits	-----	Exam. conducted till Summer-2013
9)	4SRULEIN4	Social Sc. & Engg. Economics	4IT04	Social Sc. & Engg. Economics
10)	4SRN5	Assembly Languages Programming	3IT05	Assembly Language Programming

9) BRANCH : CHEMICAL ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SCE1	Inorganic Chemistry	-----	Exam. conducted till Winter-2012
2)	3SCECT2	Applied Physical Chemistry-II	-----	Exam. conducted till Winter-2012
3)	3SCECT3	Strength of Materials	3CH03	Strength of Materials
4)	3SCECT4	Applied Thermodynamics	3CT4	Applied Thermodynamics
5)	3SCECT5	Process Calculations	3CH5	Process Calculations

Effective from **Summer-2012** examination

6)	4SCE1	Applied Mathematics-III	-----	Exam. conducted till Summer-2013
7)	4SCE2	Organic Chemistry	-----	Exam. conducted till Summer-2013
8)	4SCECT3	Machine Design & Drawing	4CH03	Machine Design & Drawing
9)	4SCECT4	Material Technology	-----	Exam. conducted till Summer-2013
10)	4SCE(FPOPC)5	Fluid Flow Operations	4CH01	Fluid Flow Operations

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10) BRANCH : POLYMER (PLASTIC) TECH.

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SCT1	Electrical Technology	-----	Exam. conducted till Winter-2012
2)	3SCECT2	Applied Physical Chemistry-II	-----	Exam. conducted till Winter-2012
3)	3SCECT3	Strength of Materials	3PP03	Strength of Materials
4)	3SCECT4	Applied Thermodynamics	-----	Exam. conducted till Winter-2012
5)	3SCECT5	Process Calculations	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4SCT1	Applied Mathematics-II	-----	Exam. conducted till Summer-2013
7)	4SPP2	Polymer Chemistry-I	-----	Exam. conducted till Summer-2013
8)	4SCECT3	Machine Design & Drawing	4PP03	Machine Design & Drawing
9)	4SCECT4	Material Technology	-----	Exam. conducted till Summer-2013
10)	4SPP5	Momentum Transfer Operations	-----	Exam. conducted till Summer-2013

11) BRANCH : (FOOD, PULP & PAPER, OIL & PAINT AND PETROCHEMICAL)

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SCT1	Electrical Technology	-----	Exam. conducted till Winter-2012
2)	3SCECT2	Applied Physical Chemistry	-----	Exam. conducted till Winter-2012
3)	3SCECT3	Strength of Materials	3 CT 03	Strength of Materials
4)	3SCECT4	Applied Thermodynamics	3 CT 04	Applied Thermodynamics
5)	3SCECT5	Process Calculations	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4SCT1	Applied Mathematics-II	4 CT 01	Engineering Mathematics-II
7)	4S(F/P/O/PC)2	Special Technology-I	4 FT 02 4 PT 02 4 OT 02 4 PC 02	Food Technology - I Pulp & Paper Technology - I Oil & Paint Technology -I Petrochemical Technology -I
8)	4SCECT3	Machine Design & Drawing	4 CT 03	Machine Design & Drawing
9)	4SCECT4	Material Technology	4 CT 04	Material Technology
10)	4SCE(FPOPC)5	Fluid Flow Operations	-----	Exam. conducted till Summer-2013

12) BRANCH : BIOMEDICAL ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SB1	Transforms & Probability	3BM01	Transforms & Probability
2)	3SB2	Human Physiology	3BM02	Human Physiology
3)	3SB3	Transducers & Signal Conditioning	3BM03	Transducers & Signal Conditioning
4)	3SRNB4	Electronic Devices & Circuits	3BM04	Electronic Devices & Circuits
5)	3SB5	Bio Physics	3BM05	Bio Physics

Effective from **Summer-2012** examination

1)	4SB1	Object Oriented Technologies	4BM01	Object Oriented Technologies
2)	4SB2	Analog & Digital IC's	4BM02	Analog & Digital IC's
3)	4SULEIB3	Network Analysis	-----	Exam. conducted till Summer-2013
4)	4SRULEINB4	Social Sc. & Engg. Economics	4BM04	Social Sc. & Engg. Economics
5)	4SB5	Biomaterial & Biomechanics	4BM05	Biomaterial & Biomechanics

13) BRANCH : COMPUTER SCIENCE & ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SRN1	Mathematics-III	3KS01	Mathematics III
2)	3SRN2	Programming Methodology	3IT02	Programming Methodology
3)	3SRN3	Discrete Structures	3KS04	Discrete Structures
4)	3SRN4	Electronic Devices & Circuits	-----	Exam. conducted till Winter-2012
5)	3SR5	Object Oriented Technologies	4KS03	Object Oriented Programming

Effective from **Summer-2012** examination

6)	4SRN1	Data Structures	4KS01	Data Structures
7)	4SRN2	Numerical & Statistical Methods	-----	Exam. conducted till Summer-2013
8)	4SR3	Analog & Digital ICs	4KS02	Analog & Digital ICs
9)	4SRULEIN4	Social Sc. & Engg. Economics	4IT04	Will have to appear in 4IT04 S.S. & E.E. of IV Semester B.E. Information Tech. C.G.System
10)	4SRN5	Assembly Languages Programming	4KS04	Assembly Language Programming

14) BRANCH : COMPUTER ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3SK1	Mathematics-III	3KE01	Mathematics III
2)	3SK2	Programming Methodology	3IT02	Programming Methodology
3)	3SK3	Discrete Structures	3KS04	Discrete Structures
4)	3SK4	Electronic Devices & Circuits	-----	Exam. conducted till Winter-2012
5)	3SK5	Object Oriented Technologies	4KE03/4KS03	Object Oriented Programming

Effective from **Summer-2012** examination

6)	4SK1	Data Structures	4KE01	Data Structures
7)	4SK2	Computer Organization	3KE05	Computer Organization
8)	4SK3	Digital Logic Circuits	4KE02	Analog & Digital ICs
9)	4SK4	Social Sc. & Engg. Economics	4IT04	Will have to appear in 4IT04 S.S. & E.E. of IV Semester B.E. Information Tech. Credit Grade System
10)	4SK5	Electronics Communication	-----	Exam. conducted till Summer-2013

15) BRANCH : TEXTILE ENGINEERING

(Effective from **Winter-2011** examination)

Sr. No.	Subject code No.	Subject	Equivalent New code	Absorption in New scheme (Credit System) for those who have failed
1)	3STX1	Spinning-I	-----	Exam. conducted till Winter-2012
2)	3STX2	Textile Fibre-I	-----	Exam. conducted till Winter-2012
3)	3STX3	Machine Drawing	3TX04	Machine Drawing
4)	3STX4	Strength of Materials	-----	Exam. conducted till Winter-2012
5)	3STX5	Mechanical & Material Tech	-----	Exam. conducted till Winter-2012

Effective from **Summer-2012** examination

6)	4STX1	Spinning-II	-----	Exam. conducted till Summer-2013
7)	4STX2	Weaving-I	-----	Exam. conducted till Summer-2013
8)	4STX3	Theory of Machine	-----	Exam. conducted till Summer-2013
9)	4STX4	Thermal Sc. & A/c	3TX05	Thermal Sc. & A/c
10)	4STX5	App. Electronics & Control Syst	4TX03	App Electronics and Control Systems

Note : Failure students in above subjects should refer New Syllabi of III & IV semester B.E. / B.Arch./B.Text.E./B.Tech., Prospectus Nos. **121741** and **121712** resp. Credit Grade System for the syllabi of equivalent subjects.

16) BRANCH : ARCHITECTURE

Examination conducted till Winter-2012 for III semester and till Summer-2013 for IV semester as per old course for failure students of III & IV semester B.Arch. (Semester Pattern) (Old Course).
