



(EXTRA-ORDINARY)
 Wednesday, the 3rd April 2013
 NOTIFICATION

No. 29 /2013

Date :- 03/04/2013

Subject :- Equivalence/Absorption Schemes/Additional Chances for the old course failure students 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/Additional Chances for the old course failure students of Semester I to VIII B.E./B.Tech.(Chemical), (Polymer), (Food, Pulp & Paper), (Oil & Paint and Petrochemical), B.Text. and M.E. in the Faculty of Engineering & Technology which shall be as given below :

SCHEME OF EQUIVALENCE/ABSORPTION/ADDITIONAL CHANCES FOR THE FAILURE STUDENTS OF SEMESTER I TO VIII B.E./B.TECH./B.TEXT ENGG. AND M.E. (OLD COURSE)

1) Branch :- Civil Engineering (Incl.Construction Technology)

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)
1.	1CEE2	(Civil Engg. (M.E.)(P.T.) Environmental Chemistry	----	Exam conducted till W-2013
2.	1CEE2	Elective- I i)Unit Process & Opens.	----	Exam conducted till W-2013
		ii) Ad.Water & Waste Water Treatment	----	Exam conducted till W-2013
3.	1CEE7	Environment Sanitation	----	Exam conducted till W-2013
4.	2CEE5	Elective – II i)Energy System & Env. ii) Solid Waste Mgmt.		Exam conducted till W-2013 -----“-----
5.	1PTC1/ 3SC1	B.E.(P.T.)(Old Course) Mathematics –III	3CE01	Mathematics –III
6.	1PTC2/ 3SC2	Strength of Materials	3CE02	Strength of Materials
7.	1PTC3/ 3SC3	Surveying- I	4CE04	Surveying- I
8.	1PTC4/ 3SC4	Bldg.Construcn.& Mater.	3CE04	Bldg.Construcn.& Mater.
9.	1PTC5/ 3SC5	Engineering Geology	3CE05	Engineering Geology
10.	1PTC6/ 3SC6	Communication Skills	----	Exam conducted till S-2012 and from W-2012 will have to appear in 5CE06
11.	1PTC7/ 4SC5	Concrete Technology & Reinforced Cement Concrete -I	4CE05	Concrete Technology & Reinforced Cement Concrete -I
12.	1PTC8/ 3SC8	Comp.Aided Drafting		Exam conducted till S-2013
13.	2PTC1/ 4SC2	Fluid Mechanics -I	4CE02	Fluid Mechanics -I
14.	2PTC2/ 5SC5	Surveying- II	5CE04	Surveying- II
15.	2PTC3/ 6SC6	Structural Design - I	----	Exam conducted till S -2013 and from W-2013 will have to appear in 6CE02
16.	2PTC4/ 4SC1	Geotechnical Engineering	4CE01	Geotechnical Engineering
17.	2PTC5/ 6SC3	Bulding Planning & Drawing	5CE03	Bulding Planning & Drawing
18.	2PTC6/ 3SC3	Transportation Engg.- I	3CE03	Transportation Engg.- I
19.	2PTC7/ 5SC4	Water Resorce Engg.-I	6CE03	Water Resource Engg.-I
20.	2PTC8/ 4SC3	Theory of Strucures -I	4CE03	Theory of Strucures -I
21.	3PTC1/ 6SC1	Numerical Methods & Computer Programming	6CE01	Numerical Methods & Computer Programming
22.	3PTC2/ 5SC2	Fluid Mechanics - II	5CE02	Fluid Mechanics - II
23.	3PTC3/ 5SC1	Reinforced Cement Concrete - II	5CE01	Reinforced Cement Concrete - II
24.	3PTC4/ 5SC3	Envrionmental Engg.-I	7CE04	Envrionmental Engg.-I
25.	3PTC5/ 6SC5	Transportation Engg.-II	6CE04	Transportation Engg.-II
26.	3PTC6/ 7SC3	Estimating & Costing	6CE06	Estimating & Costing
27.	3PTC7/6SC4	Water Resorces Engg.- II	8CE01	Water Resorces Engg.- II
28.	3PTC8/7SC1	Theory of Strucures - II	7CE01	Theory of Strucures - II
29.	4PTC1/ 8SC2	Environmental Engg.- II	8CE02	Environmental Engg.- II
30.	4PTC1/8SC3	Project Planning & Management	8CE03	Project Planning & Management

31.	4PTC1/7SC3	Structural Design - II	7CE03	Structural Design – II	
32.	4PTC1/7SC2	Geotechnical Engg.- II	7CE02	Geotechnical Engg.- II	
33.	4PTC1/7SC4	Elective - I	7CE05	Free Elective - I	
34.	4PTC1/8SC4	Elective - II	8CE04	Free Elective - II	
35.	4PTC1/8SC5	Comp.Aid.Design.of Struc.		Exam conducted till S-2015	
36.	2SFSE2	M.E.Civil (Struc.Engg.) i)Adv.Design of Steel Structures	----	Exam conducted till S-2013	
37.	2SFSE3	Structural Dynamics	----	Exam conducted till S-2013	
38.	2SFSE4	Prestressed Concrete	----	Exam conducted till S-2013	
39.	2SFSE5 (iv)	Elective- Earthquake Resist.Structures	----	Exam conducted till S-2013	

2) Mechanical Engineering :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)	
1.	3SM4	Engg. Thermodynamics	3ME04	Engg. Thermodynamics	
2.	7SM1	Machine Design – II	7ME01	Machine Design & Drawing– II	
(Effective from Winter-2013 Examination)					
3.	7SM2	Energy Conversion- II	7ME02	Energy Conversion- II	
4.	7SMP3	Industrial Mgmt. & Costing	7ME03	Industrial Mgmt. & Costing	
5.	7SM4	Automation Engineering	7ME04	Automation Engineering	
6.	7SM5	Elective – I i) Nonconven.Energy Syst. ii)Tool Engineering iii)Artificial Engg.& Expert Systems iv)Mechatronics	7ME05 (1) 7ME05 (2) ---- ----	i) Nonconventional Energy Syst ii) Tool Engineering iii)Exam conducted till Summer 2014 iv)Exam conducted till Summer 2014	
(Effective from Summer-2014 Examination)					
7.	8SM1	Elective – II i) I.C.Engines ii) Prodn Plann. & Control iii) Mgmt.Informn.System iv) Adv.Manufac.Systems	8ME03 8ME01 (2) ----“----- ----“-----	Free Elective – II i) I.C.Engines ii) Prodn Plann. & Control iii) Mgmt.Informn.System iv) Adv.Manufac.Systems	
8.	8SM2	Elective – III i)Refriger.& Air Contiong. ii)Machine Tool Design iii)Finite Element Methods iv)Robotics	8ME02 (1) 8ME02 (2) ---- 8ME02 (4)	i)Refriger.& Air Contiong. ii) Machine Tool Design iii) Finite Element Methods Exam conducted till Winter-2014	
9.	8SM3	Automobile Engineering	8ME01	Automobile Engineering	
10.	8SM4	Operation Research Tech.	8ME04	Operation Research Tech.	

3) Production Engineering :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)	
1.	3SP4	Thermal Power Engg.	3PE04	Thermal Power Engg.	
2.	3SMP5	Manufac.Process- I	3PE05	Production Technology - I	
(Effective from Winter-2013 Examination)					
3.	7SP1	Prodn.Planning & Control	7PE01	Prodn.Planning & Control	
4.	7SP2	Computer aided Design	----	Exam conducted till S-2014	
5.	7SMP3	Industrial Mgmt & Costing	7PE03	Industrial Mgmt & Costing	
6.	7SP4	Mechatronics	----	Exam conducted till S-2014	
7.	7SP5	Elective-	----	Exam conducted till S-2014	
(Effective from Summer-2014 Examination)					
8.	8SP1	Adv.Productivity Techniques	---	Exam conducted till W-2014	
9.	8SP2	Process Engineering	8PE02	Process Engineering	
10.	8SP3	Computer aided Manufacturing	----	Exam conducted till W-2014	
11.	8SMP4	Operations Research Tech.	8PE04	Operations Research Tech.	

4) Electronics, Applied Electronics, Ind.Electronics :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)
1.	3SULI2	Electronics Devices & Circuits-I	4XT02/4XN02	Electronics Devices & Circuits-I
2.	3SUL4	Electrical Engg.- III	3XT04/3XN04	Electro. Drives & Measurement
3.	3SI5	(Instrumentation Engg.) Workshop Technology	W-2012	Exam conducted till S-2014
(Effective from Winter-2013 Examination)				

4.	7SU1	Digital Communicatin	6XT4	Digital Communicatin
5.	7SUL2	Microproc.Peripherals & Microcontroller	----	Exam conducted till S-2014
6.	7SU3	Digital Signal Processing	7XT3	Digital Signal Processing
7.	7SUL4	Digital ICs & Design	6XT1	Digital Integrated Circuits
8.	7SU5	Elective –I i)Fuzzy logic & Neural Network ii)Fibre Optic Communication iii)Biomedical Engineering iv)Process Cont. & Instrumentation v)Robotics & Automn.	i) --- ii) --- iii) 8XT4 (1) iv) ---- v) ----	i)Exam conducted till S-2014 ii)Exam conducted till S-2014 iii) Biomedical Engineering iv)Exam conducted till S-2014 v)Exam conducted till S-2014

(Effective from Summer-2014 Examination)

9.	8SU1	UHF & Microvave	8XT01	UHF & Microvave
10.	8SU2	Electronic Circuit Design	8XT02	Electronic Circuit Design
11.	8SU3	Communication Network	7XT01	Data Communication Network
12.	8SU4	Elective- II i)Dig.Image Procesing ii)Satelite Communin. iii)Adv.Microprocessor iv)Wireless Communication	8XT04 (2) iv) 8XT03	i) Dig.Image Procesing ii)Exam conducted till W- 2014 iii)Exam conducted till W-2014 iv) Wireless Communication

(Effective from Winter-2013 Examination)

13.	7SI1	(Instrumentation Engg.) Unit Operation	6IE02	Unit Operation
14.	7SI2	Process Equip.Design	----	Exam conducted till S-2014
15.	7SI3	Biomedical Instrumentn.	7IE03	Biomedical Instrumentn.
16.	7SI4	Project Planning Estimn. & Assessment	7IE04	Project Planning Estimn. & Assessment
17.	7SI5/7SU5/7SL5	Elective – I i)Fuzzy Logic & Neural Network ii)Robotics & Automn. iii)Digital Sig.Processing iv)Optoelectro.Instrument.	i) 7IE05 ii) 7IE05 iii) 7IE05 iv) 7IE05	Elective – I i) Fuzzy Logic & Neural Network ii) Robotics & Automn. iii) Digital Sig.Processing iv)Optoelectronics Instrument.

(Effective from Summer-2014 Examination)

18.	8SI1	Instru. & System Design	8IE01	Instru. & System Design
19.	8SI2	Process Modeling and Optimization	8IE02	Process Modeling and Optimization
20.	8SI3	Process Instrumentation	8IE03	Process Instrumentation
21.	8SI4	Elective-II i)Environmnt.Instrument. ii)Adv.Biomed.Instrument. iii)Power Plant Instrument. iv)Instrumentn.for Agricul. & Food Processing	i) 8IE04 ii) 8IE04 iii) 8IE04 iv) 8IE04	Elective-II i) Environmnt.Instrument. ii)Adv.Biomed.Instrumentn. iii)Power Plant Instrumentn. iv)Instrumentn.for Agricul. & Food Processing

5) Chemical & Polymer Technology :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)
1.	3SCE1	Inorganic Chemistry	----	Exam conducted till W - 2013
2.	3SCT1	Electrical Technology	----	Exam conducted till W - 2013
3.	3SCECT2	App.Phy.Chemistry-II	-----	Exam conducted till W - 2013
4.	3SCECT4	App.Thermodynamics	-----	Exam conducted till W - 2013
5.	3SCECT5	Process Calculations	-----	Exam conducted till W - 2013
(Effective from Winter – 2013 Examination)				
6.	7SCE(FPOPC)T1	B.Tech.(FPOPC) Mass Transfer	----	Exam conducted till S -2014
7.	7SCE(FPOPC)T2	Chem.Reacn.Engg.-I	----	Exam conducted till S - 2014
8.	7SCET3	Special Technology- IV	-----	Exam conducted till S - 2014
9.	7SCE(FPOPC)T4	Ind.Waste Treatatmnt	-----	Exam conducted till S - 2014
10.	7SCT5	Special Technology- V	-----	Exam conducted till S - 2014
(Effective from Summer -2014 examination)				
11.	8SCT1	Special Technology- VI	-----	Exam conducted till W - 2014
12.	8SCE(FPOPC)T2	Chem.Reacn.Engg.-II	-----	Exam conducted till W - 2014
13.	8S(FPOPC)T3	Plant Design & Project Engineering	-----	Exam conducted till W – 2014
14.	8SCE4	Elective – i)Polymer Sci. & Engg ii)Petroleum & Natural Gas iii)Corrosn.Engg. iv)BiochemicalEngg. v)Petroleum Processng. Engg. vi)Petrochemicl.Process Tech. vii)Cellulose Tech. viii)Fuel Tech. ix)Bio Fuels x)Industrial Piping xi)Wine Making	-----	Exam conducted till W - 2014

6) Humanities & App.Sciences, Gen.Engg. :

S.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)
1.	1S1	Semester – I Maths – I	1A1	Engg. Maths -I
2.	1S2	Applied Physics- I (*)	---	Exam conducted till W-2013
3.	1S3	Applied Chemistry - I (*)	----	Exam conducted till W-2013
4.	1S4	Computer Science- I (*)	----	Exam conducted till W-2013
5.	1S5	Engg.Mechanics – I (*)	----	Exam conducted till W-2013
6.	1S6	Electrical Engg.- I (*)	----	Exam conducted till W-2013
7.	1S7	Engg. Drawing – I(*)	----	Exam conducted till W-2013
8.	2S1	Semester - II Maths – II	1B1	Engg. Maths.-II
9.	2S2	Applied Physics- II (*)	----	Exam conducted till W-2013
10.	2S3	Applied Chemistry – II (*)	----	Exam conducted till W-2013
11.	2S4	Comp.Science –II (*)	----	Exam conducted till W-2013
12.	2S5	Engg.Mechanics – II (*)	-----	Exam conducted till W-2013
13.	2S6	Electrical Engg. – II (*)	----	Exam conducted till W-2013
14.	2S7	Engg. Drawing –II (*)	----	Exam conducted till W-2013
15.	3SMP1	Mathematics- III (Prod.Eng.)	3PE01	Mathematics- III
16.	3SN5	Communication Engg.-I (*)	----	Exam conducted till W-2013
17.	3SCE1	Inorganic Chemistry (*)	----	Exam conducted till W-2013
18.	3SCECT2	App.Physical Chemistry-II (*)	----	Exam conducted till W-2013
B.Tech(ChemTech)				
19.	1SCT1	Semester – I App.Inorganic Chemistry (*)	----	Exam conducted till W-2013
20.	1SCT2/1A2	Engg.Physics	1A2	Engg.Physics
21.	1SCT3/1A1	Engg.Maths – I	1A1	Engg.Maths – I
22.	1SCT4/1B3	Computer Programming	1B3	Computer Programming
23.	1SCT5	Mechanical Technology (*)	----	Exam conducted till W-2013
24.	2SCT1	Semester-II Applied Physical Chemistry (*)	----	Exam conducted till W-2013
25.	2SCT2/1B42	Electrical Engineering	1B4	Electrical Engineering
26.	2SCT3	Engg. Mechanics (*)	----	Exam conducted till W-2013
27.	2SCT4/1A4	Engineering Drawing	1A4	Engineering Drawing

28.	1SCT1	B.Tech. (Chem.Tech.(FPOPC) Semester – I Inorganic Chemistry (*)	----	Exam conducted till W-2013	
29.	1SCT2	Organic Chemistry (*)	----	Exam conducted till W-2013	
30.	1SCT3	Applied Physics (*)	----	Exam conducted till W-2013	
31.	1SCT4	Applied Mathematics (*)	----	Exam conducted till W-2013	
32.	1SCT5	Basic Computer Science (*)	-----	Exam conducted till W-2013	
33.	2SCT1	Semester – II Applied Physical Chemistry-I (*)	-----	Exam conducted till W-2013	
34.	2SCT2	Mechanical Technology (*)	-----	Exam conducted till W-2013	
35.	2SCT3	Applied Mechanics (*)	-----	Exam conducted till W-2013	
36.	2SCT4	Engineering Drawing (*)	-----	Exam conducted till W-2013	

Note :- (*) The above mentioned additional chances is the last chance for the failure students. Hereinafter, if there are any failure students appear for the said paper/s, the candidates shall apply for obtaining Equivalence of the paper/s.

7) Information Technology : (Effective from **Summer-2012** Examination)

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)	
1.	5SN4	Communication Eng.- II		Till Passes or Winter-2013, whichever is earlier (*)	--
2.	6SN2	Digital Communication		Till Passes or Winter-2013, whichever is earlier (*)	--
3.	7SN1	Fibre Optic & Satellite Communication		Till Passes or Summer-2014 whichever is earlier (*)	--
4.	7SN2	Computer Networks & Programming		Till Passes or Summer-2014 whichever is earlier (*)	--
5.	7SN1	Elective- I ii)Distributed O.S. iii)Mgmt.Informn.System		Till Passes or Summer-2014 whichever is earlier (*)	--
6.	8SN2	Elective- II ii)Computer Graphics		Till Passes or Winter - 2014 whichever is earlier (*)	--
7.	3SRN4	Electronic Devices & Circuits		Till Passes or Winter-2013, whichever is earlier (*)	--
8.	3SN5	Communication Engg.- I		Till Passes or Winter-2013, whichever is earlier (*)	--

Note :- (*) The above mentioned additional chances is the last chance for the failure students. Hereinafter, if there are any failure students appear for the said paper/s, the candidates shall apply for obtaining Equivalence of the paper/s.

8) Textile Technology :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)	
1.	3STX1	Spinning – I	3TX01	Yarn Manufacturing -I	
2.	3STX2	Textile Fibre- I	3TX03	Textile Fibre -I	
3.	3STX4	Strength of Materials	-----	Exam conducted till S- 2013	
4.	3STX5	Mechnl.& Material Tech.	-----	Exam conducted till S- 2013	
(Effective from Winter-2013 Examination)					
5.	7STX1	Textile Testing –III	----	Exam conducted till S- 2014	
6.	7STX2	Chemical Processing- I	----	Exam conducted till S- 2014	
7.	7STX3	Process Control inSpinning	----	Exam conducted till S- 2014	
8.	7STX4	Process Control inWeaving	----	Exam conducted till S- 2014	
(Effective from Summer-2014 Examination)					
9.	8STX1	Chem.Processing –II	----	Exam conducted till W-2015	
10.	8STX2	Maint.of Text.Machinery	----	Exam conducted till W-2015	
11.	8STX3	Adv.Spinning Tech.	----	Exam conducted till W-2015	
12.	8STX4	Adv.Weaving Tech.	----	Exam conducted till W-2015	
13.	8STX5	Textile Mill Planning & Organization	-----	Exam conducted till W-2015	

9) Computer Science & Engineering & Computer Engineering :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)
1.	3SRN4	Electronic Dev.& Circuits	-----	Exam conducted till passes or upto Winter-2013 whichever is earlier
2.	3SK4	Electronic Dev.& Circuits	-----	Exam conducted till passes or upto Winter-2013 whichever is earlier
(Effective from Winter - 2013 Examination)				
3.	7SR1	Operating Systems	6KS01/6KE01	Operating Systems
4.	7SR2	Database Management Systems	6KS02/6KE02	Database Management Systems
5.	7SR3	Computer Networks & Internet	7KS02/7KE02	Computer Networks
6.	7SR4	Adv.Microprocessors & Interfacing	-----	Exam conducted till W-2014
7.	7SR5	Elective- I (i)Computer Graphics (ii)Modeling & Simulan. (iii)Artificial Intelligence (iv)Component Based Computing	---- ---- ---- ----	i) 7KS05 (i) ii) 7KS05 (i) iii) Exam conducted till W-2014 iv) Exam conducted till W-2014
(Effective from Summer - 2014 Examination)				
8.	8SRN1	Digital Signl Processing	7KS01/8KE01	Digital Signl Processing
9.	8SR2	Software Engineering	8KS03/8KE03	Software Engineering
10.	8SR3	Elective – II i)Adv.Unix Programing ii)Adv.Database Mgmt.Systems iii)Multimedia Tech. iv)Embedded Systems	----- ----- ----- ----	i)Exam conducted till S-2015 ii) Exam conducted till S-2015 iii) 7KS05 (ii) iv)Exam conducted till S-2015
11.	8SRN4	Internet Technologies	----	Exam conducted till S-2015
(Effective from Winter – 2013 Examination)				
12.	7SK1	Computer Engg. Digital Signal Processing	8KE01/7KS01	Digital Signal Processing
13.	7SK2	Compiler Design	5KE03/5KS03	System Software
14.	7SK3	Microproce.&Interfacing	7KE03	Microprocessor & Interfacing
15.	7SK4	Mobile Computing	----	Exam conducted till W-2014
16.	7SK5	Elective – I i)Computer Graphics ii)Artificial Intelligence iii)Design & Analysis of Algoritms	---- --- --- ----	i) 7KS05(1) / 7KE05(2) ii) 7KS05(1) / 7KE05(2) iii) Exam conducted till W-2014
(Effective from Summer – 2014 Examination)				
17.	8SK1	Embedded Systems	-----	Exam conducted till S-2015
18.	8SK2	Software Engineering	8KS03 / 8KE03	Software Engineering
19.	8SK3	Human Comp. Interface	7KS05 (4)	Human Computer Interface
20.	8SK4	Elective – II i)Multimedia Technologies ii)Expert Systems iii)Modeling & Simulation	i) 7KS05 (ii) ----- -----	i) Multimedia Technologies ii)Exam conducted till S-2015 iii) Exam conducted till S-2015

10) Electrical Engineering (Incl. E.P.S.) :

Sr.No.	Subject Code	Subject	Equivalent New Subj.Code	Addnl.chance to be given/Absorpn.in new Subject (Credit System)	
1.	3SE2	Power Plant Engg.-I	3EX03/3EE03/3EP03	Energy Resources & Generation	
2.	3SE3	Physics of Electrical Mat. Electrical Engg (Electro. & Power) (Old Course)	-----	Exam conducted till Winter-2013 (*)	
3.	7SE5	Elective- I i)G.P.S.P. ii)Microproce.Applns. iii)Network Synthesis	-----	Exam conducted till Winter-2013 (*)	
4.	8SE4	Elective – II i)L.I.C. ii)P.S.D.P.	-----	Exam conducted till Winter-2013 (*)	
5.	1EPS6	M.E.(E.P.S.)(old Course) Optimum Control	-----	Exam conducted till Winter -2013 (*)	

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sd/-
 (Dineshkumar Joshi)
 Registrar,
 Sant Gadge Baba Amravati
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