

**Subject Equivalence for Second Year of Engineering (Chemical Engineering), 2008 with 2003 Course
University of Pune**

Code No	Name of subject, 2003 Structure	Code No	Name of subject, 2008 Structure
Semester I			
209341	Chemistry – I TH Practical	209341	Chemistry I TH Practical
207342	Engineering Mathematics III, TH	207004	Engineering Mathematics III TH
209343	Fluid Flow Operations, TH Practical	209343	Chemical Engineering Fluid Mechanics TH Practical
209344	Chemical Engineering Materials TH Oral	209344	Chemical Engineering Materials TH Oral
209345	Process Calculations TH	209345	Process Calculations TH
209346	Technical Communication, Tw	209346	Technical Communication TW
203347	Electrical Technology, TW	--	--
Semester II			
209348	Chemistry II, Th Practical	209347	Chemistry II TH Practical
209349	Heat Transfer, TH Practical	209348	Heat Transfer TH Practical
209350	Principles of Design TH TW	209349	Principles of Design TH TW
209351	Chemical Engineering. Thermodynamics I TH	209350	Chemical Engineering Thermodynamics I TH
209352	Mechanical Operations TH Practical	209351	Mechanical Operations TH Practical
203353	Workshop Practice TW	211353	Workshop Practice TW
Note: The practical / oral examination of the candidate will be conducted based on the assignments performed and submitted by the candidate in his / her journal and not as per assignments in 2008 revised syllabus. This has to be brought to the notice of the examiners by the concerned Institutes.			

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Faculty of Engineering
Board of Studies in Petroleum Engineering
Equivalent Subjects in 2008 course with 2003 course
S.E. (Petroleum/ Petrochemical/ Polymer)

Code no	Name of subject, 2003 Structure	Code no	Name of subject, 2008 Structure
	Term I		
212381	Engineering Mathematics III, Th	207004	Engineering Mathematics – III, Th
212382	Engineering. Chemistry – I, Th	212381	Engineering Chemistry I, Th
	Practical		Practical
212391	Elements of Social Sciences, Th	207391	Elements of Social Sciences, Th
212384	Fluid Mechanics, Th	212384	Momentum Transfer, Th
	Practical		Practical
212385	Strength of Materials, Th	212385	Strength of Materials, Th
	Tw		TW
212392	Workshop Practice, TW	212393	Machine Drawing and Workshop Practices, TW
212386	Technical Communication, TW	212387	Technical Communications, TW
	Term II		
212387	Engineering. Chemistry – II, Th	212388	Engineering Chemistry II, Th
	Practical		Practical
212388	Solids Handling Operations, Th	212390	Particulate Technology, Th
212389	Heat Transfer, Th	212389	Heat Transfer, Th
	Oral		Oral
212390	Process Calculations, Th	212383	Chemical Process Calculations, Th
212383	Engineering Materials Science and Technology., Th	212382	Engg. Materials Science and Technology, Th.
	Oral		Oral
212393	Equipment and Machine Drawing, Tw	212393	Machine Drawing and Workshop Practices, TW
212394	Electrical Technology, Tw	212392	Industrial Electronics and Electrical Engg. TW

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Information Technology

Equivalence of 2003 – 2008 courses

Subject Code No.	2003 Subject	2008 Subject	
		Subject Code	Subject Name
0241	Discrete Structures	210241	Discrete Structures
4441	Digital Electronics and Microprocessor	210243	Digital Electronics and Logic Design
4442	Fundamental Of Data structures	214441	Fundamental Of Data structures
07006	Management and Finance	214442	To be continued
4443	Programming Paradigms and Methodology	314450	To be continued
4444	Digital Laboratory	214443	Digital Laboratory
4445	Programming Laboratory	214444	Programming Laboratory
4446	Soft Skills	214445	Communication and Language Lab

Part- II

Subject Code	Subject	2008 Subject	
		Subject Code	Subject Name
07003	Engineering Mathematics – III	207003	Engineering Mathematics – III
14447	Microprocessor Systems	214447	To be continued
14448	Data Structures and Files	214448	Data Structures and Files
14449	Principles of Communication Engg.	214449	Data Communication
14452	Computer Organization	214442	Computer Organization
14450	Microprocessor Lab	214450	To be continued
14451	Data Structures and Files Laboratory	214451	Data Structures Laboratory
14452	Object Oriented Programming Laboratory		To be continued

Date:09/04/2009

To,
The Registrar
University of Pune
Ganeshkhind, Pune

Subject:- Equivalence of SE Electrical Engineering 2003 Course

Dear Sir,
The equivalence for above class is given below.

Subject of 2003 course

Equivalent Subject of 2008 course

Sr. No.	Sub No	Subject	Head		Sr. No.	Sub No	Subject	Head
1	202001	Power Plant Engineering	PP	→	1	202001	Power Plant Engineering	PP
2	207003	Engineering Maths III	PP	→	2	207003	Engineering Maths III	PP
3	203141	Material Science	PP OR	→	3	203141	Material Science	PP
4	203142	Electrical Machine I	PP PR	→	4	203145	Electrical Machine I	PP PR
5	203143	Electrical Measurements	PP PR	→	5	203143	Electrical Measurements & Instrumentation	PP PR
6	203144	Power System I	PP	→	6	203144	Power System I	PP
7	203145	Analog & Digital Electronics	PP PR	→	7	203142	Analog & Digital Electronics	PP PR
8	203146	Network Analysis	PP OR	→	8	203146	Network Analysis	PP
9	203147	Digital Computational Techniques	PP	→	9	203147	Digital Computational Techniques	PP
10	203148	Computer Programming	PR	→	10	203148	Computer Programming	PR
11	203149	Instrumentation	PP	→	11	Exempted To be continued		

PP :- Theory Paper
PR :- Practical
OR :- Oral

Subject Equivalence for Second Year of Engineering (Production Sandwich Engineering), 2008 with 2003 Course

University of Pune

Code No.	Name of Subject, 2003 Structure	Code No.	Name of Subject, 2008 Structure
Semester I			
207002	Mathematics-III TH	207002	Engineering Mathematics III TH
202081	Thermal & Fluid Energy Conservation TH Oral	202085	Heat and Fluid Engineering TH TW
201082	Strength of Materials TH	211081	Strength Analysis Of Machine Elements TH
211083	Manufacturing Processes-I TH Oral	211121	Manufacturing Processes TH TW
204084	Industrial Electronics TH TW		To be continued
211085	Machine Drawing & Computer Graphics TW Oral	211084	M/C Drawing & Computer Graphics TW Oral
Semester II			
203050	Electrical Technology TH TW	203050	Electrical Technology TH TW
211087	Theory of Machines TH Oral	211086	Theory of Machines TH Oral
205088	Engineering Metallurgy-I TH TW	211083	Material Science TH TW
211089	Design of Machine Elements TH TW Oral	211088	Design of Machine Elements TH TW
211090	Industrial Engineering & Management TH	211123	Production & Industrial Management-I TH
211091	Workshop Practice TW		To be continued
Note: The Practical / oral examination of the candidate will be conducted based on the assignments performed and submitted by the candidate in his / her journal and not as per assignments in 2008 revised syllabus. This has to be brought to the notice of the examiners by the concerned institutes.			

**Subject Equivalence for Second Year of Engineering (Production / Industrial Engineering), 2008 with 2003
Course**

University of Pune

Code No.	Name of Subject, 2003 Structure	Code No.	Name of Subject, 2008 Structure
Semester I			
207002	Mathematics-III TH	207002	Engineering Mathematics III TH
202081	Thermal & Fluid Energy Conservation TH Oral	202085	Heat and Fluid Engineering TH TW
201082	Strength of Materials TH	211081	Strength Analysis of Machine Elements TH
211083	Manufacturing Processes-I TH Oral		To be continued
204084	Industrial Electronics TH TW		To be continued
211085	Machine Drawing & Computer Graphics TW Oral	211084	M/C Drawing & Computer Graphics TW Oral
Semester II			
203050	Electrical Technology TH TW	203050	Electrical Technology TH TW
211087	Theory of Machines TH Oral	211086	Theory of Machines TH Oral
205088	Engineering Metallurgy-I TH TW	211083	Material Science TH TW
211089	Design of Machine Elements TH TW Oral	211088	Design of Machine Elements TH TW
211090	Industrial Engineering & Management TH	211089	Industrial Organization and Management TH
211091	Workshop Practice TW		To be continued

Note: The Practical / oral examination of the candidate will be conducted based on the assignments performed and submitted by the candidate in his / her journal and not as per assignments in 2008 revised syllabus. This has to be brought to the notice of the examiners by the concerned institutes.

SE 2003 Course		SE Equivalent 2008 Course	
Subject Code	Name of the subject	Subject Code	Name of the subject
209341	Applied Chemistry	215461	Applied Chemistry
207004	Engineering Mathematics – III	207004	Engineering Mathematics -III
216282	Microbiology	215463	Microbiology
209345	Process Calculation	215466	Material Balances and Stoichiometry
209349	Heat Transfer	315463	Heat Transfer
216285	Thermodynamics	215468	Thermodynamics
216281	Fluid Flow Operations and Solid Handling	215462	Fluid Flow and Unit Operation

**TABLE OF SUBJECT EQUIVALENCE FOR Second Year B.Arch.
(OLD COURSE 2003) TO (NEW COURSE 2008)**

Sr. no	Name of subject in Old Course(2003)	Name of equivalent subject in New Course(2008)
1	Architectural Design II	Architectural Design II
2	Basic Design II	Basic Design II
3	Building Construction & Materials II	Building. Technology & Materials II a,b
4	Theory of Structures II	Theory of Structures II
5	Architectural Drawing & Graphics II	Architectural Drawing. & Graphics II
6	History of Architecture & Human Settlements II	History of Architecture & Human Settlements II
7	Building Services and Science I	Building Services I

SE Instrumentation

2003 course		2008 course		Remark
Sub. Code No.	Subject 2003 course	Sub. Code No.	Subject 2003 course	
207003	Engg Maths III	207003	Engg Maths III	
206261	Analog Techniques	206267	Applied Electronic	
206262	Material Processes for sensors	No equivalence		
206263	Sensors & Transducers - I	206263	Principal of sensors and transducer	
206264	Basic Instrumentation	206261	Fundamentals of Instrumentation	
206265	Communication Skills	206265	Soft skills	

2003 course		2008 course		Remark
Sub. Code No.	Subject 2003 course	Sub Code No	Subject 2008 course	
206266	Digital Techniques	206266	Digital Techniques	
206267	Automatic Control System	206264	Automatic Control System	
206268	Linear Techniques	206262	Linear Integrated Circuits	
206269	Sensors & Transducers – II	206268	Transducer and signal Conditioning	
206270	Network Theory	No equivalence		

Practical and oral of new equivalent subject should be consider if required.

ACADEMIC SECTION
University of Pune

Inward No. 10320

Date : 28/11/11

UNIVERSITY OF PUNE	
Faculty of Engineering: BoS (Engineering Sciences)	

A] Equivalence for SE (2003 pattern) subjects (with effect from 2011 – 12)

S N	2003 Pattern		2008 Pattern	
	Code	Subject & Branch	Code	Subject & Branch
1	207001	Engineering Mathematics III for Civil	207001	Engineering Mathematics III for Civil
2	207002	Engineering Mathematics III for Mechanical/Mechanical SW/ Production/Production SW/ Industrial/Metallurgy	207002	Engineering Mathematics III for Mechanical/Mechanical SW/ Production/Production SW/ Industrial
3	207003	Engineering Mathematics III for Electrical/Instrumentation/Computer/ Information Technology/ Electronics / Electronics & Telecommunications	207003	Engineering Mathematics III for Electrical/Instrumentation/Computer/ Information Technology/ Electronics / Electronics & Telecommunications
4	207004	Engineering Mathematics III for Chemical/Printing/Petroleum/ Petrochemical/Polymer/ Biotechnology	207004	Engineering Mathematics III for Chemical/Printing/Petroleum/ Petrochemical/Polymer/ Biotechnology
5	207005	Financial & Industrial Management for Computer		**
6	*207007	Management & Finance for Information Technology		**

* Code Misprinted as 207006 in the Syllabus Book

** Paper for the above Code No. 207005 and 207007 are required to be continued

**S.E.Civil Engineering
Equivalence**

		2003 Course		Equivalent Subject in 2008 Course	
Sr.No	Code No.	Subject	Sr.No	Code No.	Subject
Semester- I					
1	207001	Engineering Mathematics	1	207001	Engineering Mathematics III
2	201001	Building Material & Construction	2	201001	Building Materials and Construction
3	201002	Strength of Material	3	201002	Strength of Materials
4	201003	Engineering Geology	4	201003	Engineering Geology
5	201004	Engineering Economics & Management	Equivalence cannot be provided. Students (If any will have to reappear for this paper).		
6	201005	Communication Skills & Technical Visits	This subject has only term work and no theory paper. Equivalence cannot be provided		
Semester- II					
7	201006	Fluid Mechanics	7	201005	Fluid Mechanics -I
8	201007	Building Planning & Building Environment	8	201006	Building Planning
9	201008	Surveying -I	9	201007	Surveying
10	201009	Concrete Technology	10	201008	Concrete Technology
11	201010	Theory of Structure-I	11	201009	Structural Analysis - I

Subject Equivalence for Second Engineering (EC and E&TC)

University of Pune

Code No.	Name of Subject(2003 Course)	Code No.	Name of Subject(2008 course)
Semester -I			
204181	Signals and Systems Oral-50	204181	Signals and System Oral-50
204182	Semiconductor Devices and Circuits Prct.-50	204182	Solid state devices and circuits PR-50
204183	Network Theory Tw-25	204183	Network analysis Tw-25
204184	Control Systems Tw-25	204184	Control System (2003 course) Tw-25
204185	Digital System PR-50	204184	Digital logic Design Pr-50
204186	Electronics Hardware TW-50	204187	Electronics Instruments and Tools TW-50
Semester-II			
204187	Electronic Circuits and Application Pr-50 Tw-25	204187	Electronic Circuits and Application (2003 course) Pr-50, Tw-25
207003	Engineering mathematics-III	207003	Engineering Mathematics-III
213189	Electrical Circuits and Machine Tw-25		Electrical Circuits and Machine (2003 course) Tw-25
210256	Data Structures and Files Pr-50	204190	Data Structures Pr-50
204191	Analog Communication Or-50	204191	Communication Theory Or-50
204192	Electronics software workshop TW-50	204192	Circuit simulation & Tools TW-50
Note: The Practical/ Oral examination of the Candidate will be conducted based on the assignments performed and submitted by the candidate in his/her journal and not as per assignments in 2008 revised syllabus. This has to be brought the notice of the examiners by the concerned institutes			

S.L. (Printing Engineering)
Equivalence for subjects of 2003 course with 2008 course

Sr. No.	2003 course			2008 course		
	Subject Code	Subject	Exam Scheme	Subject code	Subject	Exam Scheme
1	207004	Engineering Mathematics -III	PP	207004	Engineering Mathematics - III	PP
2	202291	Strength of Machine Elements	PP	202281	Strength of Machine elements	PP
3	203281	Electrical Machines & utilization	PP	203287	Electrical Machines & utilization	PP
			TW	203287	Electrical Machines & utilization	TW
4	208282	Printing & Allied Techniques	OR		To be continued	
			PP	208282	Basic Elements of Printing Technology	PP
			TW	208282	Basic Elements of Printing Technology	TW
5	208283	Printing Digital Electronics	PR	208282	Basic Elements of Printing Technology	PR
			PP	208283	Printing Digital Electronics	PP
6	207006	Human Communications	TW	208283	Printing Digital Electronics	TW
7	211285	Workshop Practice	TW		To be continued	
8	211286	Printing Machines Manufacturing Process	PP	211286	Workshop Practice – I	TW
			TW		No Equivalent in 2008 course. Printing machine manufacturing process of 2003 course to be continued	PP
9	208287	Printing Graphic Design	PP		No Equivalent in 2008 course Printing Graphic Design of 2003 course to be continued.	PP
			PR			PR
10	208288	Microprocessor techniques & peripheral interface	PP	208290	Microprocessor & microcontroller techniques in printing	PP
			OR		To be continued.	
11	202289	Theory of Printing Machines	PP	202291	Theory of Printing Machines	PP
			TW	202291	Theory of Printing Machines	TW
12	208290	Technology of Printing Materials	PP	208284	Technology of Printing Materials	PP
			TW	208284	Technology of Printing Materials	TW
			PR	208284	Technology of Printing Materials	PR

University of Pune

Equivalence between 2003 course and 2008 course for **FULL TIME DEGREE** for subjects in **Mechanical Engineering (Sandwich)** offered at **Second year**.

Sr. No.	CODE	2003 COURSE		Passing Head/s	CODE	2008 COURSE		Passing Head/s
		SUBJECT	SUBJECT			SUBJECT	SUBJECT	
1	202061	Strength of Machine Elements	Strength of Machine Elements	Theory	202051	Strength of Machine Elements	Strength of Machine Elements	Theory
2	202062	Machine Drawing and Computer Graphics – I	Machine Drawing and Computer Graphics	TW, OR	202062	Machine Drawing and Computer Graphics	Machine Drawing and Computer Graphics	TW, OR
3	202063	Thermal Engineering – I	Thermal Engineering – I	Theory, TW, OR	202061	Thermal Engineering – I	Thermal Engineering – I	Theory, TW, OR
4	203064	Production Metallurgy	Production Metallurgy	Theory, TW	202042	Metallurgy	Metallurgy	Theory, TW
5	207002	Engineering Mathematics III	Engineering Mathematics III	Theory	207002	Engineering Mathematics III	Engineering Mathematics III	Theory
6	211065	Production Engineering I	Production Engineering I	Theory, TW, PR.		Exempted	Exempted	Theory
7	202066	Fluid Mechanics and Machinery	Fluid Mechanics and Machinery	Theory, TW, OR	202043	Fluid Mechanics	Fluid Mechanics	Theory, TW, OR
8	202067	Theory of Machine & Machine Design I	Theory of Machine & Machine Design I	Theory, TW, OR	202064	Theory of Machine & Machine Design I	Theory of Machine & Machine Design I	Theory, TW, OR
9	202068	Machine Drawing and Computer Graphics – II	Machine Drawing and Computer Graphics – II	TW, PR	202066	Geometric Modeling Practices	Geometric Modeling Practices	PR
10	203050	Electrical Technology	Electrical Technology	Theory, TW	203050	Electrical Technology	Electrical Technology	Theory, TW
11	211069	Production Engineering II	Production Engineering II	Theory, TW, PR.	202067	Manufacturing Engineering	Manufacturing Engineering	Theory
12	211070	Metrology and Quality Control	Metrology and Quality Control	TW		Equivalence is not required	Equivalence is not required	

Wherever Oral examination as head of passing, in 2003 course and there is no oral examination corresponding subject in 2008 course, the respective candidates have to appear respective oral examination in old course and marks will be awarded as per 2008 course for the corresponding head of passing. This process has to be carried out till no of candidates exhausted.

University of Pune

Equivalence between 2003 course and 2008 course for FULL TIME DEGREE for subjects in Mechanical Engineering (Regular) offered at Second year.

Sr. No.	CODE	2003 COURSE		Passing Head/s	CODE	2008 COURSE		Passing Head/s
		SUBJECT	SUBJECT			SUBJECT	SUBJECT	
1	207002	Engineering Mathematics – III		Theory	207002	Mathematical Methods		Theory
2	202042	Strength of Machine Elements		Theory	202051	Strength of Machine Elements		Theory
3	202043	Fluid Mechanics		Th, TW, OR	202043	Fluid Mechanics		Th, TW, OR
4	202044	Machine Drawing		TW, OR	202044	Machine Drawing and Computer Graphics		TW, PR
5	211046	Workshop Practice – III		TW	211053	Workshop Practice		TW
6	211045	Manufacturing Process – I		Theory	202046	Manufacturing Process		Theory
7	202041	Applied Thermodynamics		Th, TW, OR	202041	Applied Thermodynamics		Th, TW, OR
8	203050	Electrical Technology		Th, TW	203050	Electrical Technology		Th, TW
9	202047	Theory of Machines and Mechanisms – I		Th, TW, OR	202047	Theory of Machines – I		Th, TW
10	202049	Computer Graphics		OR	202049	Geometric Modeling		TW, PR
11	211052	Manufacturing Process – II		Theory	202052	Production Technology		Theory
12	202048	I. C. Engines and Auto. Engg.		Th, TW, OR	202048	I. C. Engines		Th, TW, PR
13	205051	Metallurgy		Th, TW	202042	Metallurgy		Th, TW

Wherever Oral examination as head of passing, in 2003 course and there is no oral examination corresponding subject in 2008 course, the respective candidates have to appear respective oral examination in old course and marks will be awarded as per 2008 course for the corresponding head of passing. This process has to be carried out till no of candidates exhausted.

S.E. Computer Engineering- Equivalent of 2003 and 2008 course

2003 Course		2008 Course	
Sub Code	Subject Name	Sub Code	Equivalent Subject Name
210241	Discrete Structures	210241	Discrete Structures
210242	Electronic Device And Circuit	Continued	
210243	Digital Electronics and Logic Design	210243	Digital Electronics and Logic Design
210244	Data Structures And Algorithms	210244	Data Structures And Algorithms
207005	Financial and Industrial Management	Continued	
210246	Programming Laboratory	210246	Programming Laboratory
210247	Digital Electronic Lab	210247	Digital Electronic Lab
210248	Soft Skill	210248	Soft Skill
207003	Engineering Math III	207003	Engineering Math III
210249	Microprocessors and Interfacing Techniques	210249	Microprocessors and Interfacing Techniques
210250	Data Structures	210250	Data Structures
210251	Computer graphics	210251	Computer graphics
210252	Computer Organization	210252	Computer Organization
210253	Object Oriented Programming and Computer Graphics Lab	210253	Object Oriented Programming and Computer Graphics Lab
210254	Microprocessors and Interfacing Lab	210254	Microprocessors and Interfacing Lab
210255	Data structure Lab	Continued	