

University of Pune
Board of Studies(Civill Engineering)
TE Civil (2012 Course) w.e.f.June ,2014

Subject code	Subject	Semester – I						
		Teaching Scheme Hrs/Week			Examination Scheme			
		Lect	Pr	In-Semester Assessment	Pr/TW	Or	End - Semester Exam	Total
301 001	Hydrology and Water Resources Engineering	3	-	30			70	100
301 002	Infrastructure Engineering	3	-	30			70	100
301 003	Structural Design I	4	4	30	50	50	70	200
301 004	Structural Analysis II	4	-	30			70	100
301 005	Fluid Mechanics II	4	4	30	50	50	70	200
301 006	Employable Skill Development		2		50			50
	Total →	18	10	150	150	100	350	750

Subject code	Subject	Semester – II						
		Teaching Scheme Hrs/Week			Examination Scheme			
		Lect	Pr	In-Semester Assessment	Pr/TW	Or	End - Semester Exam	Total
301 007	Advance Surveying	4	2	30		50	70	150
301 008	Project Management and Engineering Economics	4	-	30		-	70	100
301 009	Foundation Engineering	4	-	30		-	70	100
301 010	Structural design II	4	4	30	50	50	70	200
301 011	Environmental Engineering I	4	2	30	50		70	150
301 012	Seminar & Technical Communication		2	30	50			50
	Total →	20	10	150	150	100	350	750

University of Pune

Course Structure for TE Computer Engineering

2012 Course (w.e.f. June 2014)

Subject Code	Subject	Teaching Scheme Hrs/Week			Examination Scheme					Mark
		Lect.	Tutorials	Pract	In-Semester Assessment	Tw	Pr	OR	End Semester Exam	Total
SEM - I										
310241	Theory of Computation	4	—	—	30	—	—	—	70	100
310242	Operating Systems Design	4	—	—	30	—	—	—	70	100
310243	Data Communication and Wireless Sensor Networks	4	—	—	30	—	—	—	70	100
310244	Database Management Systems Applications	3	—	—	30	—	—	—	70	100
310245	Computer Forensic and Cyber Applications	3	—	—	30	—	—	—	70	100
310246	Programming Lab-I	—	—	4	—	—	50	50	—	100
310247	Programming Lab-II	—	—	4	—	50	—	50	—	100
310248	Employability Skills Development Lab	—	—	2	—	50	—	—	—	50
Total of Semester - I		18	—	10	150	100	50	100	350	750

Course Structure for TE Computer Engineering

2012 Course (w.e.f. June 2014)

SEM – II

Subject Code	Subject	Teaching Scheme Hrs/Week			Examination Scheme					Mark
		Lect.	Tutorials	Pract	In-Semester Assessment	Tw	Pr	Or	End Semester Assessment	
310249	Principles of Concurrent and Distributed Programming	4	—	—	30	—	—	—	70	100
310250	Embedded Operating Systems	4	—	—	30	—	—	—	70	100
310251	Computer Networks	4	—	—	30	—	—	—	70	100
310252	Software Engineering	3	—	—	30	—	—	—	70	100
310253	Digital Signal Processing Applications	3	—	—	30	—	—	—	70	100
310254	Programming Laboratory-III	—	—	4	—	—	50	50	—	100
310255	Programming Laboratory-IV	—	—	4	—	50	—	50	—	100
310256	Seminar and Technical Communication Laboratory	—	—	2	—	50	—	—	—	50
Total of Semester – II		18	—	10	150	100	50	100	350	750

TE (E & TC) Structure

2012 Course w.e.f. June 2014

SEMESTER I

Subject Code	Subject	Teaching Scheme			Examination Scheme					Marks
		Lect	Tut	Pr	Pr	Oral	TW	In Semester Assessment	End Semester Examination	Total
								Phase I	Phase II	
304181	Digital Communication	4						30	70	100
304182	Digital Signal Processing	4						30	70	100
304183	Micro Controller and Applications	3						30	70	100
304184	Electromagnetics and Transmission Lines	3	1					30	70	100
304185	System Programming and Operating System	3						30	70	100
304186	Digital Communication and Signal Processing Lab			4	50		50			100
304187	System Programming and Microcontroller Applications Lab			4	50		50			100
304188	Employability Skills in Electronics Design	2		2		50				50
	Total	19	1	10	100	50	100	150	350	750

TE (E & TC) Structure

2012 Course w.e.f. June 2014

SEMESTER II

Subject Code	Subject	Teaching Scheme			Examination Scheme					Marks
		Lect	Tut	Pr	Pr	Oral	TW	In Semester Assessment	End Semester Examination	Total
								Phase I	Phase II	
304189	Information Theory and Coding Techniques	4						30	70	100
304190	Antenna and Wave Propagation	4						30	70	100
304191	Embedded Processors	4						30	70	100
304192	Industrial Management	3						30	70	100
304193	Power Electronics	3						30	70	100
304194	Communication Lab			4	50		50			100
304195	Power Electronics and Embedded Lab			4	50		50			100
304196	Mini project and Seminar			4		50				50
	Total	18		12	100	50	100	150	350	750

Dr. D. S. Bormane
BOS Chairman

University of Pune

T. E. (Mechanical) Semester – I (w.e.f. Academic year 2014-15)

Code	Subject	Teaching Scheme (Weekly Load in hrs)			Examination Scheme (Marks)					
		Lect.	Tut	Pract.	Theory		TW	PR	OR	Total
					In Sem.	End Sem.				
302041	Design of Machine Elements – I	4	--	2	30 [#]	70 [@]	25**	--	--	125
302042	Heat Transfer	4	--	2	30	70	--	50*	--	150
302043	Theory of Machines-II	4	--	2	30	70	--	--	50 ^s	150
302044	Metrology and Quality Control	3	--	2	30	70	--	--	50	150
302045	Hydraulics and Pneumatics	3	--	2	30	70	25	--	--	125
302046	Skill Development	--	--	2	--	--	50	--	--	50
Total of Semester – I		18	--	12	150	350	100	50	100	750

* Evaluation should be on performance in practical examination and oral based on Term Work
 \$Common Oral will be based on both TOM-I and TOM-II term work at end of First Semester of T.E.

T. E. (Mechanical) Semester – II

Code	Subject	Teaching Scheme (Weekly Load in hrs)			Examination Scheme (Marks)					
		Lect.	Tut	Pract.	Theory		TW	PR	OR	Total
					In Sem.	End Sem.				
302047	Numerical Methods and Optimization	4	--	2	30	70	--	50	--	150
302048	Design of Machine Elements -II	4	--	2	30 [#]	70 [@]	25	--	50**	175
302049	Turbo Machines	4	--	2	30	70	25	--	--	125
302050	Mechatronics	3	--	2	30	70	25	--	--	125
302051	Manufacturing Process-II	3	--	--	30	70	--	--	--	100
302052	Machine Shop -II	--	--	2	--	--	25	--	--	25
302053	Seminar	--	--	2	--	--	--	--	50	50
Total of Semester – II		18		12	150	350	100	50	100	750

Important Notes

1. In-Sem Theory examination will be conducted, approximately one and half month after the commencement of each semester
2. In-Sem Theory examination will be based on first three units from Syllabus and will be conducted by the University of Pune
3. Total time allotted for In-Sem Theory examination will be 1 hr
4. (#) Total time allotted for In-Sem Theory examination (DME-I and DME-II) will be 1 hr 30 min.
5. Total time allotted for End-Sem Theory examination will be 2 hrs 30 min
6. (@) Total time allotted for End-Sem Theory examination (DME-I and DME-II) will be 3 hrs
7. ** Common oral based on both DME-I and DME-II term work