



PSN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)
 Approved by AICTE and Recognized by UGC Under section 2 (f) & 12 (B)
 An ISO 9001:2015 Certified Institution
 Accredited By NBA and NAAC With B++

Melathediyoore, Palayamkottai, Tirunelveli- 627 152.



DEPARTMENT OF CIVIL ENGINEERING REGULATION - 2018

CURRICULUM -B.E. / CIVIL ENGINEERING - III TO VIII SEMESTER

(Applicable to students those who are admitted from AY - 2018-2019)

SEMESTER III

S.No	Course code	Course title	L	T	P	C
THEORY						
1	501014	Engineering Mathematics - II	3	1	0	4
2	502001	Geology & Construction Materials	3	0	0	3
3	502002	Concrete Technology	3	0	0	3
4	502003	Mechanics of Materials – I	3	0	0	3
5	502004	Transportation Engineering– I	3	0	0	3
6	502005	Engineering Surveying – I	3	0	0	3
PRACTICAL						
7	502101	Engineering Survey Practical – I	0	0	3	2
8	502102	Computer Aided Building Drawing	0	0	3	2
9	501109	Career Skill Development Training – I	0	0	2	1
TOTAL			18	1	8	24
MANDATORY COURSE						
10	501801	Environmental studies	2	0	0	2

SEMESTER IV

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Engineering Mathematics - III	3	1	0	4
2		Soil mechanics	3	0	0	3
3		Mechanics of Materials – II	3	0	0	3
4		Fluid Mechanics and Machinery	3	1	0	4
5		Engineering Surveying – II	3	0	0	3
6		Transportation Engineering– II	3	0	0	3
PRACTICAL						
7		Engineering Survey Practical – II	0	0	3	2
8		Fluid Mechanics and Machinery Lab	0	0	3	2
9		Strength of Materials Lab	0	0	3	2
10		Career Skill Development Training – II	0	0	2	1
TOTAL			18	2	11	27

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SEMESTER V

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Design of RC Elements	3	0	0	3
2		Structural analysis – I	3	0	0	3
3		Environmental Engineering	3	0	0	3
4		Construction techniques Equipment and Practice	3	0	0	3
5		Foundation Engineering (Practical Component)	3	0	2	4
6		Open Elective –I	3	0	0	3
PRACTICAL						
7		Concrete and Highway Engineering Lab	0	0	3	2
8		Soil Mechanics laboratory	0	0	3	2
9		Survey Camp (10 days)	0	0	0	2
10		Career Skill Development Training – III	0	0	2	1
TOTAL			18	0	10	26
MANDATORY COURSE						
11		Value Education and Human Rights	2	0	0	2

***Survey Camp to Be Conducted For a Period of 10 Days during 4th Semester Summer Vacation**

SEMESTER VI

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Structural analysis – II	3	1	0	4
2		Design of Steel Structures	3	1	0	4
3		Construction planning and scheduling	3	0	0	3
4		Pollution Control And Waste Management	3	0	0	3
5		Open Elective –II	3	0	0	3
PRACTICAL						
6		English Language lab for Engineers	0	0	3	2
7		Environmental Engineering Lab	0	0	3	2
8		Estimation and quantity surveying lab	0	0	3	2
9		Career Skill Development Training – IV	0	0	2	1
TOTAL			15	2	11	24

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SEMESTER VII

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Principles of management	3	0	0	3
2		Design of RC Structures	3	1	0	4
3		Irrigation & Water Resource Engineering	3	0	0	3
4		Dynamics And Seismic Design Of Structures	3	0	0	3
5		Prestressed Concrete Structures	3	1	0	4
6	#	Elective – I	3	0	0	3
PRACTICAL						
7		Computer Aided Design and Drafting Lab	0	0	3	2
8		Design Project	0	0	3	2
TOTAL			18	2	6	24
MANDATORY COURSE						
9		Internship Training				

Minimum duration of Internship Training 45 Hours

SEMESTER VIII

S.No	Course code	Course title	L	T	P	C
THEORY						
1	##	Elective – II	3	0	0	3
2	###	Elective – III	3	0	0	3
3		Project Work	0	0	15	6
TOTAL			6	0	15	12

TOTAL CREDITS: 185

Semester	I	II	III	IV	V	VI	VII	VIII
Credit	24	24	24	27	26	24	24	12
Total Credit								185

LIST OF OPEN ELECTIVES

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Disaster Management	3	0	0	3
2		Environmental Impact Assessment	3	0	0	3
3		Industrial waste management	3	0	0	3

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LIST OF ELECTIVES - I
- SEMESTER VII

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Traffic Engineering Management	2	0	0	2
2		House Planning & Management	1	0	0	1
3		Safety in Civil Engineering	1	0	0	1
4		Building Valuation	1	0	0	1
5		Ground Improvement Techniques	3	0	0	3
6		Environmental Impact Assessment of Civil Engineering Projects	3	0	0	3
7		Coastal Zone Management	2	0	0	2
8		Hydrology	1	0	0	1
9		Ground Water Engineering	3	0	0	3
10		Air Pollution Management	1	0	0	1
11		Municipal Solid Waste Management	3	0	0	3

LIST OF ELECTIVES - II
- SEMESTER VIII

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Bridge Structures	3	0	0	3
2		Storage Structures	3	0	0	3
3		Tall Buildings	3	0	0	3
4		Prefabricated structures	3	0	0	3
5		Industrial Waste Management	3	0	0	3
6		Advanced design of RCC Structure	3	0	0	3

LIST OF ELECTIVES - III
- SEMESTER VIII

S.No	Course code	Course title	L	T	P	C
THEORY						
1		Finite Element Analysis	3	0	0	3
2		Repair and Rehabilitation of Structures	3	0	0	3
3		Earthquake Geotechnical Engineering	3	0	0	3
4		Nanotechnology in Civil Engineering	3	0	0	3
5		Construction Project Management	3	0	0	3
6		Computer Aided Design of Structures	3	0	0	3

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