TEACHING SCHEME

POSTGRADUATE PROGRAMMES

[M.Tech. in Environmental Engineering]

Session: 2015 (Onward)

Centre for Energy and Environmental Engineering

National Institute of Technology

Hamirpur, Himachal Pradesh, India– 177 005

Web Site: http://www.nith.ac.in

Centre for Energy and Environmental Engineering, NIT –Hamirpur (HP)

M. Tech (Environmental Engineering)

Teaching Scheme

(i)Year I - Semester I

S. No.	Subject Code	Title	L	T	P	Credit	Hours /Week
1.	EN-620	Environmental Chemistry	3	0	0	3	3
2.	EN-621	Microbiology and Ecology	3	0	0	3	3
3.	EN-622	Advanced Water Treatment	3	0	0	3	3
4.	EN-___	**Elective-I**	3	0	0	3	3
5.	EN-___	**Elective-II**	3	0	0	3	3
6.	EN-623	Environmental Engg. Lab-I	0	0	3	2	3
Total			**15**	**0**	**3**	**17**	**18**

(ii)Year I - Semester II

S. No.	Subject Code	Course Title	L	T	P	Credit	Hours /Week
1.	EN-624	Statistical Methods and Modelling	3	0	0	3	3
2.	EN-625	Advanced Waste water Treatment	3	0	0	3	3
3.	EN-626	Design of Treatment Plants and Equipments	3	0	0	3	3
4.	EN-___	**Elective-III**	3	0	0	3	3
5.	------	***Open Elective-I (From Other Departments)**	3	0	0	3	3
6.	EN-627	Environmental Engg. Lab-II	0	0	3	2	3
Total			**15**	**0**	**3**	**17**	**18**

***The student will have to take an Open Elective offered by other Departments during Semester**

(iii)Year II – Semester III

S. No.	Subject Code	Course Title	L	T	P	Credit	Hours /Week
1.	EN-799	Self study Course	0	0	0	2	3
2.	EN-800	Seminar	0	0	3	2	3
3.	EN-801	**Dissertation –1[to continue in the IVth semester]**	0	0	0	12	24
Total			**0**	**0**	**3**	**16**	**30**

(iv)Year II - Semester IV

S. No.	Subject Code	Course Title	L	T	P	Credit	Hours /Week
1.	EN-801	**Dissertation – [Continued from IIIrd semester]**	-	-	-	20	40
		Total				**20**	**40**

(v) List of Electives for M.Tech [Environmental Engineering]

S.No.	Subject Code	Course Title	L	T	P	Credit	Hours /Week
1.	EN-720	Solid & Hazardous Waste Management	3	0	0	3	3
2.	EN-721	Air Pollution and Control	3	0	0	3	3
3.	EN-722	Industrial Waste Management	3	0	0	3	3
4.	EN-723	Environmental Impact Assessment	3	0	0	3	3
5.	EN-724	Environmental Toxicology and Health	3	0	0	3	3
6.	EN-725	GIS and its Application in Environmental Engineering	3	0	0	3	3