

COURSE STRUCTURE (Ph.D. Academic Program)

Ph.D. (ENVIRONMENTAL SCIENCE & ENGINEERING)

C O U R S E	S E M E S T E R										
	FIRST		Guidelines for DEPG/OEPG Courses	SECOND		THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	ESC504 DC1	3-0-0-9	<ul style="list-style-type: none"> All DEPG/OEPG courses, prescribed for 2nd Semester will be suggested by the concerned Thesis Supervisor. Only one course to be chosen for DEPG/OEPG courses from each basket of a semester. List of the DEPG/OEPG courses given in the Basket(s) may be changed for any semester by the department. 	DE-1	3-0-0-9	ESC599 36 credits of thesis	ESC599 36 credits of thesis	ESC599 36 credits of thesis	ESC599 36 credits of thesis	ESC599 36 credits of thesis	ESC599 36 credits of thesis
	ESC502 DC2	3-0-0-9		DE-2	3-0-0-9						
	ESC505 DC	3-0-0-9		OE1	3-0-0-9						
	ESC503 DC4	3-0-0-9		OE2	3-0-0-9						
	HSI500 S/X	3-0-0-9		ESC700 DC6	3-0-0-9						
Credits	45			45	36						

MINIMUM CREDIT REQUIREMENTS FOR GRADUATION:	
Details	Credits
Departmental compulsory	54
Departmental Elective (DEPG)	18
Open Elective OEPG)	18
Departmental Elective (DEPG/ Open Elective OEPG)	--
Thesis Unit	216
Total	306

LIST OF DEPARTMENTAL ELECTIVES (DEPG)	
Basket-A DE-1	Basket-B DE-2
ESD501	ESD506
ESD502	ESD507
ESD503	ESD508
ESD504	ESD509
ESD505	ESD510

OPEN ELECTIVE (OEPG)	
Basket-A OE-1	Basket-B OE-2
ESO501	ESO504
ESO502	ESO505
ESO503	ESO506

Remarks:

1. If any scholar admitted in Ph.D. program after completion of B.Tech. degree or Masters in non-relevant field, in both the cases two additional DC courses need to be cleared within the four semesters. **Total credit requirements will be 45 Credits (1st Semester) + 45 Credits (2nd Semester) + 18 Credits (3rd Semester) = 108. The following two DCPG/DEPG courses will be cleared: ESC506 and ESC507.**
2. Duration for completion of Ph.D. program after Masters in relevant field Minimum Eight Semesters (Four Years) and Maximum Twelve Semesters (Six Years).
3. Duration for completion of Ph.D. program after BE/B.Tech. or Masters in non-relevant field Minimum Nine Semesters (Four and half Years) and Maximum Fourteen Semesters (Seven` Years).

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	ESC502 DC2	3-0-0-9		DE-2	3-0-0-9						
	ESC504 DC	3-0-0-9		OE1	3-0-0-9						
	ESC503 DC4	3-0-0-9		OE2	3-0-0-9						
	HSI500	3-0-0-9 S/X		ESC700 DC6	3-0-0-9						
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