

COURSE STRUCTURE (Ph.D. Academic Program)

Ph.D. (FUEL MINERAL & METALLURGICAL 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	
	FMC512 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	FMC599 36 credits of thesis	FMC599 36 credits of thesis	FMC599 36 credits of thesis	FMC599 36 credits of thesis	FMC599 36 credits of thesis	FMC599 36 credits of thesis	
	FMC506 DC2	3-0-0-9		DE-2	3-0-0-9							
	FMC501 DC	3-0-0-9		DE3/OE1	3-0-0-9							
	FMC503 DC4	3-0-0-9		DE4/OE2	3-0-0-9							
	FMC513 DC5	3-0-0-9		FMC511 DC6	3-0-0-9							HSI500
Credits	45			45	45							36

MINIMUM CREDIT REQUIREMENTS FOR GRADUATION:	
Details	Credits
Departmental compulsory	63
Departmental Elective (DEPG)	18
Open Elective OEPG)	--
Departmental Elective (DEPG/ Open Elective OEPG)	18
Thesis Unit	216
Total	315

LIST OF DEPARTMENTAL ELECTIVES (DEPG)			
Basket-A DE-1	Basket-B DE-2	Basket-C DE-3	Basket-D DE-4
Mineral			
FMD522	FMD537	FMD538	FMD539
FMD540	FMD541	--	--
Fuel			
FMD515	FMD527	FMD528	FMD530
FMD531	FMD533	--	--
Metallurgy			
FMD525	FMD516	FMD517	FMD518
FMD519	FMD520	FMD534	FMD535
FMD536	--	--	--

OPEN ELECTIVE (OEPG)	
Basket-A OE-1	Basket-B OE-2
FMO542	FMO543
FMO544	FMO546
FMO547	FMO548
FMO549	FMO550

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: FMC502 and FMC504.**
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).