

## COURSE STRUCTURE (Ph.D. Academic Program)

### Ph.D. (ELECTRONICS & COMMUNICATION 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
	ECC500 DC1	3-0-0-9	<ul style="list-style-type: none"> <li>All DEPG/OEPG courses, prescribed for 2<sup>nd</sup> Semester will be suggested by the concerned Thesis Supervisor.</li> <li>Only one course to be chosen for DEPG/OEPG courses from each basket of a semester.</li> <li>List of the DEPG/OEPG courses given in the Basket(s) may be changed for any semester by the department.</li> </ul>	DE-1	3-0-0-9	ECC599 36 credits of thesis	ECC599 36 credits of thesis	EEC599 36 credits of thesis	ECC599 36 credits of thesis	ECC599 36 credits of thesis	ECC599 36 credits of thesis
	ECC501 DC2	3-0-0-9		DE-2	3-0-0-9						
	ECC582 DC	3-0-0-9		DE3/OE1	3-0-0-9						
	ECC580 DC4	3-0-0-9		DE4/OE2	3-0-0-9						
	HSI500 S/X	3-0-0-9		ECC581 DC5	3-0-0-9						
<b>Credits</b>	45		45	36	36	36	36	36	36		

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

LIST OF DEPARTMENTAL ELECTIVES (DEPG)			
Basket-A DE-1	Basket-B DE-2	Basket-C DE-3	Basket-D DE-4
ECD563	ECD505	ECD560	ECD521
ECD502	ECD561	ECD562	ECD525
ECD520	ECD521	ECD503	ECD543
ECD541	ECD508	ECD502	ECD542
--	--	ECD522	ECD544
--	--	ECD514	ECD564
--	--	ECD540	ECD563
--	--	ECD545	ECD568

OPEN ELECTIVE (OEPG)	
Basket-A OE-1	Basket-B OE-2
ECO500	ECO501
ECO520	ECO521
ECO540	ECO542
ECO541	ECO543
ECO560	ECO561
ECO506	--

#### 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 (1<sup>st</sup> Semester) + 45 Credits (2<sup>nd</sup> Semester) + 18 Credits (3<sup>rd</sup> Semester) = 108. The following two DCPG courses will be cleared: ECC542 and ECC503.**
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).