

Overall credits structure:

Total credits =60

Program Code (PC)	Program Elective (PE)	Open Elective (OE)	Total Credit
42	09	09	60

Course No.	Title	Type	L-T-P	Credits
Semester I				
PHL 791	Fiber Optics	PC	3-0-0	3
PHL 793	Semiconductor Optoelectronics	PC	3-0-0	3
EEL 769	Digital Communication and Information Systems	PC	3-0-0	3
JOP 791	Fiber Optics and Optical Communication Laboratory 1	PC	0-0-6	3
	PE-1	PE	3-0-0	3
	OE-1	OE	3-0-0	3
-	Total Credits	-	-	18
Semester II				
PHL 792	Optical Electronics	PC	3-0-0	3
EEL 895	Broadband Communication and Information Systems	PC	3-0-0	3
EEL 712	Optical Communication Systems	PC	3-0-0	3
JOP 792	Fiber Optics and Optical Communication Laboratory 2	PC	0-0-6	3
	PE-2	PE	3-0-0	3
	OE-2	OE	3-0-0	3

-	Total Credits			18
Semester III				
JOD 801	Minor Project Part 1 (JOP)	PC	0-0-12	6
-	PE-2	PE	3-0-0	3
-	OE-2	OE	3-0-0	3
-	Total Credits	-	-	12
Semester IV				
JOD 802	Minor Project Part 2 (JOP)	PC	0-0-24	12
-	Total Credits	-	-	12

Programme Core (PC)

Course No.	Title	L-T-P	Credits
JOD 801	Minor Project Part 1 (JOP)	0-0-12	6
JOD 802	Minor Project Part 2 (JOP)	0-0-24	12
JOP 791	Fiber Optics and Optical Communication Laboratory 1	0-0-6	3
JOP 792	Fiber Optics and Optical Communication Laboratory 2	0-0-6	3
EEL 712	Optical Communication Systems	3-0-0	3
EEL 769	Digital Communication and Information Systems	3-0-0	3
EEL 895	Broadband Communication and Information Systems	3-0-0	3
PHL 793	Semiconductor Optoelectronics	3-0-0	3
PHL 791	Fiber Optics	3-0-0	3
PHL 792	Optical Electronics	3-0-0	3

	Total PC	18-0-48	42
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Programme elective (PE)

Course No.	Title	L-T-P	Credits
EEL 789	Optoelectronic Instrumentation	3-0-0	3
EEL 813	Selected Topics 1 (JOP)	3-0-0	3
EEL 814	Selected Topics 2 (JOP)	3-0-0	3
EEL 890	Photonic Switching and Networking	3-0-0	3
JOS 800	Independent Study (JOP)	0-3-0	3
PHL 755	Statistical and Quantum Optics	3-0-0	3
PHL 790	Integrated Optics	3-0-0	3
PHL 795	Optics and Lasers	3-0-0	3
PHL 797	Selected Topics 1 (JOP)	3-0-0	3
PHL 798	Selected Topics 2 (JOP)	3-0-0	3
PHL 891	Guided Wave Optical Components and Devices	3-0-0	3