



MASTER OF SCIENCE (OPTICS)

TOTAL CREDITS : 78

AREAS:

- 1) OPTICAL ENGINEERING
- 2) OPTICAL METROLOGY
- 3) PHOTONICS
- 4) FIBERS AND LASERS
- 5) PHYSICAL OPTICS



INTRODUCTORY COURSES	1ST TERM 16	2ND TERM 13	3RD TERM 10	4TH TERM 13	5TH TERM 13	6TH TERM 13
PHYSICS	MATHEMATICAL METHODS 3	* ELECTIVE I 3	* ELECTIVE III 3	THESIS I 13	THESIS II 13	THESIS III 13
MATH	ELECTROMAGNETISM 3	* ELECTIVE II 3	* OPTIONAL I 3			
	GEOMETRICAL OPTICS 3	MATTER – RADIATION INTERACTION 3	* OPTIONAL II 3			
	PHYSICAL OPTICS 3	OPTOELECTRONICS 3	ENGLISH III 1			
	OPTICS LAB 3	ENGLISH II 1				
	ENGLISH I 1					

- FUNDAMENTALS OF OPTICS**
- SPECIALIZED KNOWLEDGE AND SKILLS ACCORDING TO AREA**
- FOREIGN LANGUAGE**
- THESIS DEVELOPMENT**

*** COURSES THAT CAN BE TAKEN IN A DIFFERENT TERM**

- CHOICE OF RESEARCH ADVISOR AND RESEARCH PROJECT:
- 2ND TERM.
- REQUIREMENTS TO EARN THE DEGREE:
- EARN ALL CREDITS STATED IN CURRICULUM.
- THESIS DEFENSE IN A DEGREE EXAM.