

LIST OF MSc. THESIS Supervised by Prof. LOTFIA EL NADI (1975-2011) at the Faculties of SCIENCE, MEDICINE & AGRICULTURE of CAIRO UNIVERSITY

No.	Name of Candidate	Title of the Thesis	Speciality	Award Date
1	Salem Farag Hegazy Salem	Free Space Communication Using Entangled Photons	Laser Physics & Technology	Awarded 2011
2	Yasser Abbas El Baz	Optimization	Laser Physics & Technology	Registered 2009 Progressing
3	Amira Abdou	Optical Properties of Bacteria using Lasers	Laser Applications	Awarded 1999
4	Mohamed Abdel Sattar	Laser Application in Land Reclamation	Laser Agriculture Application	Awarded 1998
5	Ehab Abdel Latif	Neutron Spectrum Measurments Using Neutron Guides	Nuclear Physics	Awarded 1998
6	Elodia Aabed	CO2 Laser Induced Breakdown in Molecular Hydrogen Gas in Presence of Ionising Gases	Laser Physics & Technology	Awarded 1998
7	Shawky Wafdy	Study of Laser Ablation of Graphite	Laser Physics & Technology	Awarded 1997
8	Dina Fouad Ghoniem	Laser Eye Lens Ablation	Laser Medical Application	Awarded 1996
9	Bassam Ghazooly	Laser Induced Breakdown in Argon Gas	Laser Physics & Technology	Awarded 1996
10	Helmy Elsayed Hassan	Classification of Corn Kernel using He-Ne Laser Optical System	Laser Agriculture Application	Awarded 1996
11	Wahied Tawfik	S.H. Nd:Yag Laser Propagation in Water	Laser Physics	Awarded 1996
12	Gamal Dauod	Studies of Laser Photo thermal Deflection	Laser Physics	Awarded 1996
13	Mohamed Mohamed Khalil	Theoretical Study of Laser Induced Plasma Compared to Solar Plasma	Laser Physics	Awarded 1995
14	Niveen A.S. Abdel Shakour	Photodynamic Therapy in Dermatology	Laser Medical Applications	Awarded 1995
15	Tarek Attawi	Laser Interaction with RF Produced Plasma	Laser Physics	Awarded 1995
16	Ashraf El Sherbiny	CO2 Laser Interaction with Carbon targets	Laser Physics	Awarded 1995

17	Eman Attaia Ewais	Physical Properties of Thin Amorphous Films	Thin Films	Awarded 1993
18	Mansour Hassan	Laser Application in Ophthalmology	Laser Medical Applications	Awarded 1993
19	Mara Taha Hussein Abou Kenna	Study of the Optical Properties of Some Coumarines as Laser Dyes	Laser Physics	Awarded 1993
20	Hisham Abdel Ghany	Theoretical Study of Four Wave Mixing leading to S.H. Generation in CuCl	Laser Physica	Awarded 1992
21	Karam Atef Abdel Ghany	Interaction of Alpha Particles with Gases	Nuclear Physics	Awarded 1992
22	Mohamed Atta Abdel Haliem	Study of Evaporated Cathode Materials during Vacuum Arc Discharge	Laser Physics & technology	Awarded 1990
23	Mohamed Atef Reda	Design and Performance of Nd Glass Laser	Laser Physics & Technology	Awarded 1988
24	Nagwa A. Moniem	Control of Electron Losses in Laser Induced Breakdown in Gases	Laser Physics	Awarded 1987
25	Galila A. Latif Mehena	Interaction of Laser Radiation with Gases	Laser Physics	Awarded 1987
26	Ahmed Hussein Attia El Mekkawy	Use of Sulphur Asphalt in Road Reclamation	Petroleum Physics	Awarded 1986
27	Inas A. El Zawawy	Control of Thin Films of CdS Parameters for Use in Solar Cells	Thin Films	Awarded 1985
28	Abdel Nasser A. Fetouh	Interaction of CO <sub>2</sub> Laser Beam with Al & Bi Thin Films	Laser Physics	Awarded 1985
29	Gamal Abdel Fattah	Performance of Photon Drag Detectors for High Power CO <sub>2</sub> Laser	Laser Physics & Technology	Awarded 1984
30	Karam Ahmed Zekri	Dose Distribution of external Cs <sup>137</sup> Source used in Radiotherapy	Radiation & Nuclear Physics	Awarded 1984
31	Nadia Gaafar Shaker	Alpha Particle Scattering on Cu and Ag Targets	Nuclear Physics	Awarded 1984
32	Magdy M. Omar Emara	Physical Properties of Ti Thin Films	Thin Films	Awarded 1983
33	Mohamed Medhat Mahdy	Alpha Particle Scattering on Heavy Nuclei	Nuclear Physics	Awarded 1982
34	Mostafa Abdel Kader M. Attia	Study of Phase Transitions of Cu <sup>++</sup> Com.	Thin Films	Awarded 1982

35	Hussein M. Abdel Naeem	Geometrical Efficiency of a Scanning Radiation System for Application in Medicine	Radiation & Nuclear Physics	Awarded 1982
36	Mohamed Yousef El Zayyat	Spectroscopic Effects on Some of the Physical Parameters of X-Rays in Absorbing Materials	Radiation & Nuclear Physics	Awarded 1981
37	Gamal Abdel Naser Madbouly	Physical Properties Of Carbon Loaded Rubber	Thin Films	Awarded 1981
38	Hoda M. Ashry	Elastic Scattering of Protons on Analogue States of V 40	Nuclear Physics	Awarded 1979
39	Farouk Ismaiel El Kabbani	Physical Properties of Sputtered Thin Films	Thin Films	Awarded 1974
40	Basyony M. Heneish	Radioluminescence of Mechanically Stressed CsI(Tl) Crystals	Radiation & Nuclear Physics	Awarded 1975

Thesis in Nuclear & Radiation Physics	9
Thesis in Thin Films	6
Thesis in Laser Physics & Applications	25
Total No. of MSc.Thesis	40