

**Ain Shams University
Faculty of Science
Chemistry Department**



Preparation and characterization of some nanomaterials and its application as optical sensor for some materials of Industrial potential

A Thesis

Submitted for the Degree of Master of Science

As Partial Fulfillment for Requirements of Master of Science

"Chemistry Department"

By

Mohamed Eissa Mohamed Mohamed Negm

B.Sc. in Physics & Chemistry, Faculty of Science

Ain Shams University

2009

Under Supervision of

Prof. Dr. Wagiha Hamed Mahmmoud

Professor Dr of analytical Chemistry, Faculty of Science, Ain Shams University

Prof. Dr. Mohamed Said Attia

Professor of analytical Chemistry, Faculty of Science, Ain Shams University

Prof. Dr. Nahed Mohmed Nor - Eldin

Professor of physiology of the plant environment, Desert Research Center

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Approval Sheet

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This thesis for Master degree has been approved by:

Prof. Dr. Ragaa Elsheikh Shohip

Professor Dr of analytical Chemistry, Faculty of Science, Zagazig University

Prof. Dr. Hessien Ibrahim Abd Elshafi

Professor Dr of analytical Chemistry, National Research Center

Prof. Dr. Wagiha Hamed Mahmmoud

Professor Dr of analytical Chemistry, Faculty of Science, Ain Shams University

Prof. Dr. Mohamed Said Attia

Professor of analytical Chemistry, Faculty of Science, Ain Shams University

Chairman of Chemistry Department
Prof. Dr. Ibrahim H.A. Badr

**Ain Shams University
Faculty of Science
Chemistry Department**



Student Name: Mohamed Eissa Mohamed Mohamed Negm

Scientific Degree: M.Sc.

Faculty Name: Faculty of Science – Ain Shams University

Graduation Year: 2009

Granting Year:

Chairman of Chemistry Department

Prof. Dr. Ibrahim H.A. Badr

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Mohammed Eissa