

Ain Shams University
University College of Women
(Arts, Science and Education)
Physics Department



**Synthesis, Characterization of ZnO Nanoparticles
Using Wet Chemical Technique for Dye Sensitized
Solar Cells**

By
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بسم الله الرحمن الرحيم

(انا كل شيء خلقتاه بقدر)

القمر 49

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I dedicate my thesis to:
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throughout the process,
My loving wife
who stood by me in my difficult time,
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