

**UNIVERSITY OF MANAGEMENT AND TECHNOLOGY  
DEPARTMENT OF ELECTRICAL ENGINEERING**



**[SPECIALIZATION IN COMPUTER ENGINEERING]**

# **FINAL YEAR PROJECT REPORT**

**SOLAR SYSTEM  
BY**

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**SESSION: 2003-2007**

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## Abstract

Solar energy is rapidly gaining notoriety as an important means of expanding renewable energy resources. As such, it is vital that those in engineering fields understand the technologies associated with this area. My project will include the design and construction of a solar panel tracking system. Solar tracking allows more energy to be produced because the solar array is able to remain aligned to the sun. This system builds upon topics learned in this course. A working system will ultimately be demonstrated to validate the design. Problems and possible improvements will also be presented.

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