## بسم الله الرحمن الرحيم

## Sudan university of Science and technology College of Graduate Studies

## Metals Soldering by Nd:YAG Laser and Conventional Method,( a comparative) study

A thesis Submitted as Partial Fulfillment of the Requirements for the Degree for M.Sc. in Laser Applications / Mechanical Engineering

By: Abu Elnuor Abdeen Ali Abu Elnuor

## :Supervisors

Prof. Dr.: Nafie Abdel Latif

Prof. Dr.: Sabir Mohammed Salih