

**INFLUENCE OF SOLIDIFICATION
CONDITIONS DURING GRAVITY DIE CASTING
OF Al-Si ALLOYS ON MICROSTRUCTURE AND
MECHANICAL PROPERTIES**

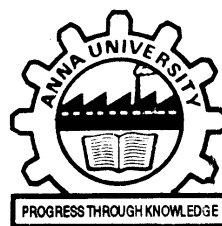
A THESIS

Submitted by

MOHANDASS M

in partial fulfillment of the requirements for the degree of

DOCTOR OF PHILOSOPHY



**FACULTY OF MECHANICAL ENGINEERING
ANNA UNIVERSITY
CHENNAI 600 025**

JULY 2016