

**“ANALYSIS & REDESIGNING OF WATERMILLS FOR
SUSTAINABLE DEVELOPMENT OF RURAL AREAS OF
UTTARAKHAND”**

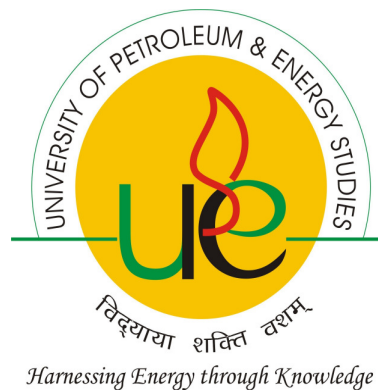
By

KAMAL BANSAL

COLLEGE OF ENGINEERING STUDIES, DEHRADUN

**SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT OF THE DEGREE OF DOCTOR OF
PHILOSOPHY**

To



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
DEHRADUN
FEBRUARY 2010**