Sustainable Management of Groundwater Resources in the Western Arid Regions of Rajasthan, India

THESIS

Submitted in partial fulfilment of the requirements for the degree of

DOCTOR OF PHILOSOPHY

by

PRASHANT BHAKAR

(2013PHXF0106P)

Under the Supervision of

Prof. (Dr.) Ajit Pratap Singh &

Prof. (Dr.) Ravi Kant Mittal





BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE PILANI-333031 (RAJASTHAN) INDIA 2020