

Fault Diagnosis of Rolling Element Bearing with Multiple Localized Defect using Mathematical Modeling and Experimental Analysis.

THESIS

Submitted in partial fulfilment of the requirements for the degree of

DOCTOR OF PHILOSOPHY

by

ROHIT SHAMRAO GUNERKAR

Under the Supervision of

Dr. Arun Kumar Jalan

&

Dr. Sachin U Belgamwar



BITS Pilani
Pilani Campus

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

2019