



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Sasanka Sekhar Ghosh

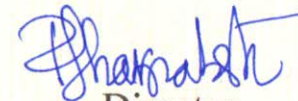
in recognition of the research work on

Effects of Friction on Vibration of Gear Transmission Systems

Given under the seal of the Institute at Kharagpur on the Thirtieth day of July, Two Thousand and Sixteen


Registrar




Director