

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

T G Abi

in recognition of the research work on

Proton Transfer Reactions in Carbon Nanotubes Functionalized with Amino Acid Sidechains

Given under the seal of the Institute at Kharagpur on the Fifteenth day of September, Two Thousand and Twelve

Registrar