



Indian Institute of Technology Madras

heroby confers the degree of
Doctor of Philosophy
of the Institute
on

SACHIN KUMAR GUPTA

for successfully completing the prescribed programme of study and
presenting the thesis entitled

EXPERIMENTAL AND COMPUTATIONAL STUDIES OF ENGINE
CHARACTERISTICS INCLUDING OPERATING LIMITS OF A
BIOGAS-FUELED SPARK-IGNITION STATIONARY ENGINE



ME15D062



Given this day the Seventeenth of July, 2020
under the seal of the Institute.



J. Wood
Registrar

B. M.
Director

[Signature]
Chairman, Board of Governors

[Signature]
PRINCIPAL
Aditya Engineering College
SURAMPALAM