



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

*Upon recommendation of the Senate
hereby confers the degree of*

Doctor of Philosophy

in Mechanical Engineering

on

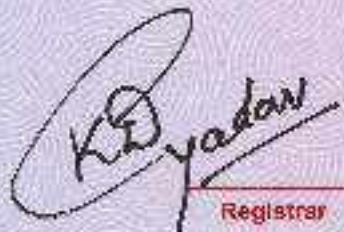
ANKIT SAROJ

*who has fulfilled the requirements for the degree as
prescribed under the regulations and has successfully defended in
May 2019, the thesis entitled:*

**Development and Applications of Improved Versions of Jaya Algorithm to
the Design Optimization of Selected Thermal Devices**

*Given this day, under the seal of the Institute at Surat
in the Republic of India,
the Thirteenth of October, 2019.*




Registrar


Chairman,
Senate & Board of Governors

