



National Institute of Technology Rourkela

Upon the recommendation of the Senate,
hereby confers the degree of
Doctor of Philosophy

on

Anoop Kumar Sahu

who has successfully defended the thesis entitled
*“Supply Chain Performance Appraisal and Benchmarking for
Manufacturing Industries: Emphasis on Traditional, Green, Flexible
and Resilient Supply Chain along with Supplier Selection”*

and has fulfilled all other requirements
for the degree in the Department of
Mechanical Engineering.

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 16th Day of January 2016.



[Signature]
Registrar

[Signature]
Director

[Signature]