

Registration No.



National Institute of Technology Karnataka, Surathkal
hereby confers the degree of

Doctor of Philosophy

on

Peter Fernandes

in recognition of the research work on

*"Wetting Behaviour Of Biogarnchanta And Metal/Quenchant Interfacial Heat Transfer During
Quenching Of Commercial Steels - A Study"*

carried out in the Department of

Metallurgical And Materials Engineering

and completed all the requirements

in July 2007

Given under the seal of the Institute,

on 1st December 2007

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

Registrar

Director

Chairman, Board of Governors

Sl. No. PH07004

Registration No.



090708MT05P01

National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy



on

Salyanarayan

in recognition of the research work on

Studies On Wetting Behavior Microstructure Evolution And Solder Joint Reliability Of Sn-Cu And Sn-Ag-Cu Lead-Free Solders

carried out in the Department of
Metallurgical And Materials Engineering
and completed all the requirements
in May 2014

Given under the seal of the Institute,
on 15th November 2014

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.

Registrar

Sl. No. PH14041

V. Mahalingam
Director

Vanitha Narayanan
Chairperson, Board of Governors

Registration No.



102021ME10F11

National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy



on

Manoj Kumar AP

in recognition of the research work on

"EFFECT OF BIODIESEL BLENDS ON SELECTIVE CATALYTIC
REDUCTION SYSTEM TO REDUCE NO_x EMISSIONS IN DIESEL VEHICLES"

carried out in the Department of

Mechanical Engineering

and completed all the requirements

in March 2015

Given under the seal of the Institute,

on 14th November 2015

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

Registrar

Director

Chairperson, Board of Governors

Sl. No. PH15056