

UNDERTAKING BY THE CANDIDATE

I, **Pushkar Jha**, declare that I have pursued my research work under the joint supervision of Dr. Rakesh Kumar Gautam and Prof. Rajnesh Tyagi from September 2011 to October 2017. I hereby supplicate my thesis entitled “**Tribological Behavior of TiC Reinforced Cu-Ni Matrix Composites**” for the award of the Ph.D. degree.

Date:

Place: Varanasi

(Pushkar Jha)

ANNEXURE-F

**COURSE WORK/COMPREHENSIVE EXAMINATION
COMPLETION CERTIFICATE**

This is to certify that **Mr. Pushkar Jha**, a bonafide research scholar (Mechanical Engineering) of this Department, has successfully completed the course work/comprehensive examination requirement, which is a part of his Ph.D. programme.

Date:

Place: Varanasi

(Head of the Department)

ANNEXURE-F

PRE-SUBMISSION SEMINAR COMPLETION CERTIFICATE

This is to certify that **Mr. Pushkar Jha**, a bonafide research scholar (Mechanical Engineering) of this Department, has successfully completed the pre-submission seminar requirement on the topic “**Tribological Behavior of TiC Reinforced Cu-Ni Matrix Composites**” on dated **08.04.2017**, which is a part of his Ph.D. programme.

Date:

Place: Varanasi

(Head of the Department)

ANNEXURE–G

COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis : Tribological Behavior of TiC Reinforced Cu-Ni Matrix Composites

Candidate's Name : Mr. Pushkar Jha

Copyright Transfer

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