

CERTIFICATE

It is certified that the work contained in the thesis “ MECHANICAL AND ELECTRO-CHEMICAL BEHAVIOR OF (Fe-Ni)-ZrO₂ METAL MATRIX COMPOSITES PREPARED BY POWDER METALLURGY ROUTE” by “NEERA SINGH” has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree.

Signature: Devendra Kumar

Professor

Department of Ceramic Engineering

Indian Institute of Technology

(Banaras Hindu University)

Varanasi-221005

COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis: MECHANICAL AND ELECTROCHEMICAL BEHAVIOR OF (Fe-Ni)-ZrO₂ METAL MATRIX COMPOSITES PREPARED BY POWDER METALLURGY ROUTE

Name of the Student: NEERA SINGH

Copyright Transfer

The undersigned hereby assigns to the Indian Institute of Technology (Banaras Hindu University) Varanasi, all rights under copyright that may exist in and for the above thesis submitted for the award of the DOCTOR OF PHILOSOPHY.

Date :

Signature of the Student

Place :

(NEERA SINGH)

Note: However, the author may reproduce or authorize others to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the Institute's copyright notice are indicated.