



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislative vide Act No. 14 of 2002)

Dumehar Bani, Kandaghat, Distt. Solan – 173234 (H.P.) INDIA

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DECLARATION BY THE SCHOLAR

I hereby declare that the work reported in Ph.D. thesis entitled “EFFECT OF ANNEALING TEMPERATURE ON STRUCTURAL, MAGNETIC AND ELASTIC PROPERTIES OF MAGNESIUM NICKEL FERRITE NANOPARTICLES” submitted at Jaypee University of Information Technology, Waknaghat, Solan (H.P), India is an authentic record of my work carried out under the supervision of Prof. (Dr.) P.B. Barman and Dr. Ragini Raj Singh. I have not submitted this work elsewhere for any other degree or diploma. I am fully responsible for the contents of my Ph.D. Thesis.

Shiv Kumar

(Enrollment No.: 186904)

Department of Physics and Materials Science,

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(H.P), India

Date: 14/09/2022



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SUPERVISOR'S CERTIFICATE

This is to certify that the work reported in the Ph.D. thesis entitled “EFFECT OF ANNEALING TEMPERATURE ON STRUCTURAL, MAGNETIC AND ELASTIC PROPERTIES OF MAGNESIUM NICKEL FERRITE NANOPARTICLES” submitted by Shiv Kumar at Jaypee University of Information Technology, Wagnaghat, India, is a bonafide record of his original work carried out under our supervision. This work has not been submitted elsewhere for any other degree or diploma.

Supervisors:

Prof. (Dr.) P.B. Barman
(HOD)

&

Dr. Ragini Raj Singh
(Associate Professor)

Department of Physics and Materials Science,
Jaypee University of Information Technology,
Wagnaghat, Solan, H.P. India-173234

Date...14-09-2022

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*"We don't meet people by accident,
they are meant to cross our path for a reason".*

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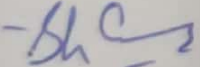
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"Don't let small minds to convince you that your dreams are too big"


(Shiv Kumar)

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