



National Institute of Technology Rourkela

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

Doctor of Philosophy

on

Babita Majhi

who has successfully defended the thesis entitled.

*“On Applications of New Soft and Evolutionary
Computing Techniques to Direct
and Inverse Modeling Problems”*

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

Electronics & Communication Engineering

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,

the 16th Day of January 2010.

Bongh

Registrar

Director

Chairman
Board of Governors



राष्ट्रीय प्रौद्योगिकी संस्थान

NATIONAL INSTITUTE OF TECHNOLOGY

राउरकेला, ROURKELA-769008, ओडिशा, ODISHA



No. – NITR/AC/RES/2019/L/1045

Date :30/12/2019

TO WHOM IT MAY CONCERN

This is to certify that, Dr. Babita Majhi, Roll No. 50609003 has successfully completed her Ph.D Degree in the Electronics and Communication Engineering Department of this Institute and her final degree has been awarded to her in the Convocation of this Institute held on 16/01/2010. Further, this is also to certify that the above student has completed her Ph.D programme satisfying the following conditions as required by the UGC 2009 Ph.D regulations.

- a) Ph.D degree of the candidate awarded in the regular mode only;
- b) Evaluation of the Ph.D thesis has been done by at least two external examiners;
- c) Open Ph.D viva voce of the candidate has been conducted;
- d) Candidate has published two research papers from his/her Ph.D work out of which at least one must be in a referred journal;
- e) Candidate has made, at least two presentations in conferences/seminars sponsored/funded/supported by the UGC/ICSSR/CSIR or any similar agency based on his/her Ph.D work

30/12/19
Dean(Academic)
DEAN (Academic)

National Institute of Technology
ROURKELA-769008 (INDIA)

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मा.सं.वि. मंत्रालय, भारत सरकार के अधिन एक राष्ट्रीय महत्व का संस्थान
An institute of national importance under ministry of HRD, Govt. of India



The
University
Of
Sheffield.

Automatic
Control &
Systems
Engineering.

TO WHOM IT MAY CONCERN

This is to certify that Dr. Babita Majhi, Assistant Professor, Dept. of Computer Science and Informational Technology of G. G. Vishwavidyalaya, Central University, Bilaspur, India has worked under my supervision as a Post Doctoral fellow under Boyscast Fellowship scheme in the Dept. of Automatic control and systems engineering of the University of Sheffield, UK for a period of one year from 12th Dec 2011 to 4th Dec 2012.

She worked in the area of soft and evolutionary computing and applications of multiobjective optimization techniques. She has had an extraordinarily productive and successful year pursuing research independently while liaising effectively with Research Group members here.

I wish every success in her research career and hope that we will continue to collaborate.

Professor Peter Fleming



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