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Certificate from the Head of the Department

This is to certify that **Mrs. Jyotika Borthakur** bearing Ph.D. Registration No. Ph.D./ 2350/13 Dt. 10.09.13 has carried out her original research work entitled ***"Information Use Pattern by Scientists Working at Selected CSIR Laboratories of Northeast and Eastern India: A Study"*** under the supervision of Dr. Manoj Kumar Sinha, Associate Professor, DLIS, Assam University, Silchar. She has gone through a sincere and hard work for preparing this thesis. She has fulfilled all the requirements laid down in the Ph.D. regulations of Department of Library and Information Science, Assam University, Silchar and the M. Phil/ Ph.D. guidelines of UGC.

I wish her all success in her life.

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The work is original in nature to the best of my knowledge and belief. The content of this thesis have not been submitted and will not be submitted either in all part or in full, for the award of any degree or diploma in this institute or any other institute or university.

I wish her every success in life.

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DECLARATION

I, **Mrs. Jyotika Borthakur** bearing Ph.D. Regn. No.: **Ph.D./2350/13, Dt: 10.09.13,** hereby declare that the subject matter of the thesis entitled **" Information Use Pattern by Scientists Working at Selected CSIR Laboratories of Northeast and Eastern India: A Study"** has been undertaken and completed for the award of the Degree of Doctor of Philosophy (Ph.D.) in Library and Information Science. This entire work has been done by me and carried out under the guidance of **Dr. Manoj Kumar Sinha,** Associate Professor & Head, Department of Library and Information Science, Assam University, Silchar.

I also declare that this thesis has not been submitted before either in part or full by me or others for any degree or diploma or fellowship either in this or any other University/Institute to the best of my Knowledge.

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Date: Jyotika Borthakur

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ABBREVIATIONS AND ACRONYMS

ACM	Association for Computing Machinery
ACS	American Chemical Society
APA	American Psychological Association
APS	American Physical Socitey
ASCE	American Society of Civil Engineers
ASME	The American Society of Mechanical Engineers
BSNL	Bharat Sanchar Nigam Ltd.
CAS	Current Awareness Service
CATs	Category 5 Category
CDS/ ISIS	Computerized Documentation System/ Integrated Set for Information System
CGCRI	Central Glass and Ceramic Research Institute
CIMFR	Central Institute of Mining and Fuel Research
CMERI	Central Mechanical Engineering Research Institute
CSIR	Council of Scientific and Industrial Research
CUP	Cambridge University Press
Dspace	Software for Institutional Repository
E- CAS	Electronic- Current Awareness Service
ERNET	Education and Research Network
ICT	Information and Communication Technology
IEEE	Institute of Electrical and Electronics Engineers
IICB	Indian Institute of Chemical Biology
IMMT	Institute of Minerals and Materials Technology
INFLIBNET	Information and Library Network Centre

INSPEC	Major Indexing Database of Scientific and Technical Literature
ISP	Internet Service Provider
JRF	Junior Research Fellow
KRC	Knowledge Resource Centre
LAN	Local Area Network
NEIST	North East Institute of Science and Technology
NICNET	National Informatics Centre Network
NISCAIR	National Institute of Science Communication and Information Resources
NKN	National Knowledge Network
NKRC	National Knowledge Resource Consortium
NML	National Metallurgical Laboratory
OPAC	Online Public Access Catalogue
PCI	Peripheral Component Interconnection
RSC	Royal Society of Chemistry
SCOPUS	Online Full Text Database
SCOPUS	Bibliometric Database
SDI	Selective Dissemination of Information
SLIM	System for Library Information and Management
SOUL 2.0	Software for University Libraries 2.0
SRF	Senior Research Fellow
STPI	Software Technology Park of India
VSAT	Very Small Aperture Terminals
Web OPAC	Web Online Public Access Catalogue