

DECLARATION

I hereby declare that the Ph.D. thesis entitled “**A STUDY ON SOCIO-SPATIAL VARIATIONS IN LEARNING ATTAINMENT OF STUDENTS AT THE PRIMARY LEVEL OF EDUCATION IN WEST BENGAL WITH SPECIAL REFERENCE TO ALIPURDUAR DISTRICT**” submitted by me for the degree of Doctor of Philosophy in Economics is a record of independent work carried out by me during the period of my study under the guidance and supervision of Dr. Kanak Kanti Bagchi, Professor (Retd.), Department of Economics, University of North Bengal, Darjeeling. I further declare that no part of this thesis has formed the basis for the award of any degree or award previously.

Place: University of North Bengal

Date: 7.12.2023

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DEPARTMENT OF ECONOMICS



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CERTIFICATE

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List of Abbreviations

AAGR	Annual Average Growth Rate
APD-M	Alipurduar Municipality
ASER	Age Specific Enrolment Ratio
ASER	Annual Status of Education Report
CD	Community Development
CI	Composite Indicator
CSSSC	Centre for Studies in Social Sciences Calcutta
CT	Census Town
CV	Coefficient of Variation
DIET	District Institutes of Education and Training
DISE	District Information System for Education
DPSCs	District Primary School Councils
DVD	Digital Video Disc
EFA	Education for All
ESCS	Economic, Social and Cultural Status
EVS	Environmental Studies
GER	Gross Enrolment Ratio
GO	Government Order
Govt	Government
HDI	Human Development Index
HP	Himachal Pradesh
HS	Higher Secondary
ITC	Information and Communication Technology
MCA	Multiple Correspondence Analysis
MDGs	Millennium Development Goals
MHRD	Ministry of Human Resource Development
MLR	Multiple Linear Regression
N	Number
NAS	National Achievement Survey
NCERT	National Council for Educational Research and Training
NCTE	National Council for Teacher Education
NER	Net Enrolment Ratio
NIEPA	National Institute of Educational Planning and Administration
Non-SC-ST	Non Scheduled Caste and Scheduled Tribe
NPE	National Policy on Education
NSSO	National Sample Survey Organization
NUEPA	National University of Educational Planning and Administration
OBCs	Other Backward Classes
OECD	Organization for Economic Co-operation and Development
PBSSM	Paschim Banga Sarva Siksha Mission
PCA	Principal Component Analysis
PIRLS	Progress in International Reading Literacy Study
PISA	Programme for International Students Assessment
PROBE	Public Report on Basic Education
Pry	Primary
PTR	Pupil-Teacher Ratio
RTE	Right-to- Education Act
SC	Scheduled Caste
SCR	Student Class Room Ratio
SD	Standard Deviation
SDGs	Sustainable Development Goals

SES	Socio-Economic Status
SRTT	Sri Ratan Tata Trust
SSK	Shishu Shiksha Kendra
ST	Scheduled Tribe
TIMSS	Trends in International Mathematics and Science Study
TLM	Teaching-Learning Materials
TN	Tamil Nadu
TV	Television
UDISE	Unified District Information System for Education
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNICEF	United Nations International Children's Emergency Fund
WB	West Bengal
WBBPE	West Bengal Board of Primary Education