

Education for the Embodied Human: An Enquiry into Human Nature and Education

A Thesis submitted by
Akhil Kumar Singh

in partial fulfillment of the requirements for the award of the degree of
Doctor of Philosophy



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Declaration

I hereby declare that the work presented in this thesis titled *Education for the Embodied Human: An Enquiry into Human Nature and Education* submitted to the Indian Institute of Technology Jodhpur in partial fulfilment of the requirements for the award of the degree of Doctor of Philosophy, is a bonafide record of the research work carried out under the supervision of Dr. Hari Narayanan V. The contents of this thesis in full or in parts, have not been submitted to, and will not be submitted by me to, any other Institute or University in India or abroad for the award of any degree or diploma.



Akhil Kumar Singh
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Certificate

This is to certify that the thesis titled *Education for the Embodied Human: An Enquiry into Human Nature and Education*, submitted by *Akhil Kumar Singh* (P17HS001) to the Indian Institute of Technology Jodhpur for the award of the degree of *Doctor of Philosophy*, is a bonafide record of the research work done by him under my supervision. To the best of my knowledge, the contents of this report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

Hari Narayanan V
Ph.D. Thesis Supervisor

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Dedicated to my parents for their sacrifices.

List of Abbreviations

Abbreviation *Full form*

DST	Dynamical System Theory
EEG	Electro Encephalography
FA	Focused Attention
FMRI	Functional Magnetic Resonance Imaging
L1	First/Native Language
L2	Second Language
LOT	Language of Thought
OM	Open Monitoring
SESI	Social Service Ministry
TLSR	Translational Learning Sciences Research
TMS	Transcranial Magnetic Stimulation

