

Indian Institute of Science

THE COUNCIL OF THE INDIAN INSTITUTE OF SCIENCE ON THE RECOMMENDATION
OF THE SENATE HEREBY CONFERS ON

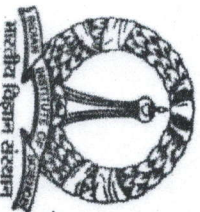
POORNIMA K

THE DEGREE OF

Doctor of Philosophy

AWARDED AT BANGALORE ON THE 27TH OF SEPTEMBER, 2014.

Amrany Kumar
DIRECTOR



P. Anu As
CHAIRPERSON, COUNCIL