ALLAHABA VERSIT OF YOF TO Doctor of Philosophy in Science Envolueno NO: 03 AU /503 This is to certify that Vijai xumar Rai has been admitted to the degree of Doctor of Philosophy Science in this University at the Convocation in 2006 of Submitted for NAAC AGnulu Ray w - 4 mo han Vice-Chancellor University of Allahabad: The 13th, 50 ft, 2008.