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CERTIFICATE

This is certify that the Dissertation "EFFECT OF CONCEPT MAPPING IN SCIENCE ON ACHIEVEMENT IN PHYSICS FOR XI STANDARD STUDENTS" Which is being submitted herewith for the award of M.Phil. Degree in Education of Shivaji University, Kolhapur is the result of the original research work completed by Mr. Patil Ambaji Shivaji under my guidance and to the best of my knowledge and belief the work embodied in this thesis has not formed earlier the basis for the award of any Degree or similar, title of this or any other University or Examining body.

Area of Specialization -- ' Special fields in Education –
Administration and Management

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Place: Kolhapur

Dr.(Ms.) Patankar P.S.

Date: 31 /12 /2008

(Research Guide)