

**Study of Scientific Attitude among Science  
Pupil Teachers of Regional Institute of  
Education, Bhopal**

विद्यया ऽ मृतमश्नुते



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NCERT

**DISSERTATION  
Barkatullah University, Bhopal**

**For the partial fulfilment of the requirement  
for the Degree of B.Ed.- M.Ed. Integrated (RIE)  
2018-2021**

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**Regional Institute of Education, Bhopal (M.P)  
National Council of Educational Research and Training  
(NCERT)  
Shyamla Hills, Bhopal (M.P)**

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# CERTIFICATE

This is to certify that Ms. Samrudhi Telang, a student of B.Ed.-M.Ed. integrated course (2018-2021) at R.I.E., Bhopal has worked under my supervision and guidance for her dissertation titled – ‘Study of Scientific Attitude among Science Pupil Teachers of RIE, Bhopal’.

I further certify that this work is original and worthy of presentation for the partial fulfilment of the degree - B.Ed.-M.Ed. Integrated at RIE, Bhopal, NCERT - Barkatullah University, Bhopal (M.P.). The present study is an outcome of her sincere efforts.

Date: 19/07/2021

Place: BHOPAL



Dr. Saurabh Kumar  
Assistant Professor  
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## DECLARATION

I hereby affirm that the work presented in this thesis titled - 'Study of Scientific Attitude among Science Pupil Teachers of RIE, Bhopal', is exclusively my own. The data mentioned in this dissertation has been obtained after genuine work. I am presenting this work for the partial fulfilment of the requirement for the degree - B.Ed.-M.Ed. Integrated (2018-2021).

Date: 19/7/2021

Place: BHOPAL

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## **ABSTRACT**

The global documented aim of secondary science teaching is to develop and augment rationality, objectivity, open-mindedness, curiosity, scientific temperament, etc. The development of such qualities helps in the development of a major quality as scientific attitudes (SAs). And a teacher plays vital roles in not only cognitive but non- cognitive developments among the students as well. The present study measures the level of scientific attitude of 90 science pupil teachers at RIE, Bhopal through Scientific Attitude Scale developed by Dr. N.N. Shrivastava. Pupil teachers have been categorized on the basis of their courses – B.Ed.-M.Ed., B.Sc.-B.Ed. and B.Ed. with 30 science pupil teachers belonging to each course. The scientific attitude scores have been calculated based on their responses which are then analysed and compared using appropriate statistical techniques.

The results indicate that 47.7% of science pupil teachers have moderate scientific attitude. The mean scientific attitude scores of science pupil teachers belonging to the three courses do not differ significantly. Lastly, there is no significant difference between the mean scientific attitude scores of male and female science pupil teachers.

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