

APPENDIX - VI
PLAGIARISM REPORT



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PLAGIARISM CHECK REPORT (THESIS)

1.	Name of the Research Scholar	Yogeshwari. S
2.	Roll No. and Year of Registration	16PHEDP003, 2016
3.	Department	Education
4.	Name of the Research Guide	Dr. H. Indu
5.	Title of the Thesis / Dissertation	Effectiveness of Vedic mathematics-based instruction on achievement in mathematics and attitude towards learning mathematics among primary and upper primary students
6.	Similarity Content (%) Identified	9%
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CHAPTER I INTRODUCTION

Education plays a crucial role in a child's holistic development, shaping cognitive capabilities, enhancing emotional intelligence and developing practical skills. A child's individuality, which makes them unique, is nurtured and strengthened through continuous interaction with their surroundings. This interaction helps them learn, adapt, and grow, allowing them to develop a strong sense of self and independence.

A well-designed education system aims to foster these abilities in children, empowering them to become self-reliant individuals. It should provide opportunities for students to explore and express themselves, thereby cultivating their talents and interests. Through education, children learn to think critically, solve problems, and make informed decisions, all of which contribute to their personal growth and autonomy.

The National Education Policy (NEP) 2020 of India recognizes the importance of mathematics as a foundational skill that is essential for logical reasoning, problem-solving, and the development of scientific temper. NEP 2020 stresses the importance of understanding mathematical concepts rather than memorizing procedures or formulas. The policy advocates for a shift from rote learning to a more conceptual and application-based understanding of mathematics, encouraging students to grasp the 'why' and 'how' behind mathematical operations and theories.

Mathematics acts as a strong agent for the overall development of the child. If the participation of the student is increased in learning, then learning mathematics becomes much more interesting. Mathematics involves mental computation that helps students understand several key concepts. Firstly, it enables them to grasp how numbers work. Secondly, it guides them in making decisions about which procedures to use. Finally, it encourages the development of various strategies for solving mathematical problems.

The teaching of mathematics can help to develop the mind to a larger extent and keeps the brain of the students active. Problem-solving enhances the development of mental facilities; mental work is required for solving mathematical problems. Collaboration with a mathematical problem makes the brain of the child active in solving the problem. Every mathematical problem has its sequence, and this is needed for its construction as well as effective process.

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Effectiveness of Vedic mathematics-based instruction on achievement in mathematics and attitude towards learning mathematics among primary and upper primary students

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