

## **ALGORITHM OF AANURUPPEN-BINOMIAL METHOD**

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### **Abstract**

The aim of the present paper is to develop the algorithm of Aanuruppen-Binomial Method given by Yadav [1] to find the  $n$ th power of integers and rational numbers in terminating decimal forms, which extends the concepts of Vedic Mathematics. Yadav applied Binomial Theorem in "Anurupyena Vidhi" discussed in [2,3] and found this method by giving some rules and conditions. Since this is a resultant of Anurupyena Vidhi and Binomial Theorem, so he named this method as Aanuruppen-Binomial Method. This algorithm will play a major role in application specially by using computer and can be applied on super computer for solving the problem related to finding the  $n$ th power. We can develop the software by using this algorithm.

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**Key Words** : Aanuruppen vidhi, Binomial theorem, Power of a number, Aanuruppen-Binomial Method, Algorithm, etc.

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