



## REVIEW PAPER ON THE RUNGE-KUTTA METHODS TO STUDY NUMERICAL SOLUTIONS OF INITIAL VALUE PROBLEMS IN ORDINARY DIFFERENTIAL EQUATIONS

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### **ABSTRACT**

*The main purpose of this article is to review the work on Runge-Kutta Methods to study of Numerical Solutions of Initial Value Problems in Ordinary Differential Equations during the period 1983 to the present 2020. A very comprehensive and detailed review on Runge-Kutta Methods has been compiled by Hulls from 1983 to 1996 and the authors of present article have reproduced it as such with gratitude and sincere acknowledgment. The status on this subject from 1983 to 2020 has been compiled by the present authors for the convenience of the new researchers entering in this field*

**KEYWORDS:** *Initial Value Problem, Numerical Solutions, Ordinary Differential Equations, Runge-Kutta Methods*

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### **Article History**

**Received: 04 Jul 2021 | Revised: 15 Sep 2021 | Accepted: 20 Sep 2021**

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