



## STUDY ON SCIENTIFIC TEMPER AMONG SECONDARY SCHOOL LEARNERS

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### ABSTRACT

Today is the age of science and technological development. Science has radically changed man's material and non material development. It has become an integral part of human life without which no individual can live comfortably. Scientifically literate individual makes informed decisions within the science and technological context by drawing their rich knowledge, such as understanding of concepts and principles, theories and processes of science. Science and technology, therefore has fostered a new intellectual temper known as scientific temper. After independence, it got conscious support through the first Prime Minister Pt. Jawaharlal Nehru, who emphasized on science and technology for cultural and economic growth of nation. In 1976, India became the first country to include in its constitution "Scientific Temper with Humanism" as a fundamental duty of all citizens of the country (**Article 51-A (H)**). On 10<sup>th</sup> July 2015, **DR A. P.J Abdul Kalam Azad**, former President of India launched '**Rashtriya Avishkar Abhiyan (RAA)**' for developing scientific temper among school students. The main aim of this mission, which is under Ministry of Human Resource Development, is to develop curiosity, rationality, creativity and love for science and mathematics among school children. This research paper attempts to study the scientific temper of rural and urban secondary school students in district Budgam and Srinagar. The sample consists of 300 (150 rural and 150 urban) secondary school students, selected randomly. The data were collected by using N.A. Nadeem and Showkat Rashid Wani's Scale of scientific temper. The findings showed that there is significant difference between rural and urban secondary school students on various dimensions of scientific temper.

**Key words; scientific temper, Rural, and Urban Secondary school students.**