

EDITORIAL

This issue of School Science includes four research papers and two articles from different domains of science education for our readers.

In the research paper entitled 'Construction and Pilot Test of an Instrument to Measure the Gaps in Teaching-learning of Science at Middle Stage in Select Tribal Dominated Rural Schools of Chhattisgarh, India,' the research team could evolve an instrument for measuring the learning gaps for designing strategies for improving teaching-learning process in science for middle stage learners in rural schools.

The research findings of the study 'Awareness of Socio-Scientific Issues among the Higher Secondary Students' give the status of awareness of higher secondary students about socio-scientific issues. It also provides information about the influence of gender, board, academic discipline on the awareness of these issues; however, the study reveals that it is not influenced by students' locality. The research study 'Effectiveness of Audio-Video Material in Teaching-learning Process at Secondary Stage' provides the status of the types of audio-video teaching materials available in the schools, frequency of their usage in schools, steps taken by the school in promoting the use of audio-video resources and the effectiveness of these resources in the teaching-learning process. The information from students, teachers, and administration was explicated using questionnaires. Findings reveal that the teachers hardly used audio-video materials due to a lack of infrastructure or awareness regarding the advantages of

audio-visual learning. Therefore, it may have implications for policymakers for improving ICT infrastructure.

In the paper 'Implementing a Large-scale Assessment Survey to Understand the Learning Levels for Policy Implications and to Improve Teaching-learning,' the author has elaborated the initiatives of the Ministry of Education (MoE) to conduct the National Achievement Survey (NAS) India in 2017 with an objective to understand the learning levels of the students in Grades 3, 5 and 8, which may have policy suggestions for improving teaching-learning. The survey findings helped to guide education policy and enabled differential planning at the district level to enhance classroom level teaching-learning.

The article 'Utilisation of Innovative Technology towards a Human-Centred Future Society' gives information about technological innovations vis-à-vis the economy and society. The article 'Climate Change: A Global Phenomena' draws readers' attention to the unprecedented changes in global climate resulting in serious implications on the survival of both human and animal species on earth.

In the paper "Effect on the Volume of Solvents After Dissolution of Solutes" the authors have made efforts to make readers understand with the simple concept of dissolving different solutes in different volume of solvent and the change in the volume of a solution.

The issue also has 'Science News' and 'Web Watch' for readers. We wish all readers a fruitful reading. Your kind suggestions are always welcome.