

EDITORIAL

In the current issue of *School Science*, we have included articles from various disciplines of science and mathematics education.

The first article is ninth in the series of 'Problem-based Learning in Basic Physics'. The author has incorporated approximations with functions. The importance of these approximations and the order of magnitude calculations in various problems of physics have been discussed well.

In the article 'Constructivist Assessment Approaches in Science Pre-service Teacher Education Programme', the author exemplifies different constructive assessment approaches, like roleplay, story writing, concept map, student presentations and projects. Roleplay on global warming, water cycle story and concept map showing relationship, hierarchy and cross links has been depicted by the author.

In the next article, 'When you do not know who you are!', the authors have discussed about 'Dissociative Identity Disorder (DID)', colloquially known as 'split personality disorder'. A person suffering from this ailment adopts one or more identities, which is distinct from the other in specific ways. Symptoms, causes, neuro-anatomical analysis of DID patients, diagnosis and therapy have been briefly discussed.

In the article 'g by Projectile Method', the author has derived the formula for calculating the value of 'g' through a simple method based on the principle of projectile.

In the article, 'Psychological Problems of Learners in learning Mathematics at Elementary Level: A Case Study', the author has thrown light on different case studies along with their results, which show that not only high order intelligence is responsible for learning mathematics, but there are some other factors too. The author has focussed on how the psychology of the learner proves to be a barrier in learning mathematics.

Like the other issues, this one also has Science News and Web Watch for our readers. Science News provides information on new inventions and investigations related to science. In the Web Watch section, we have included two free websites where you will get to read novels — classic and contemporary— and a website related to science.

We hope that our readers find the articles, features and news items interesting and educative. Your suggestions, observations and comments are welcome as they guide us to bring further improvement in the quality of the journal. We wish you a joyful reading.