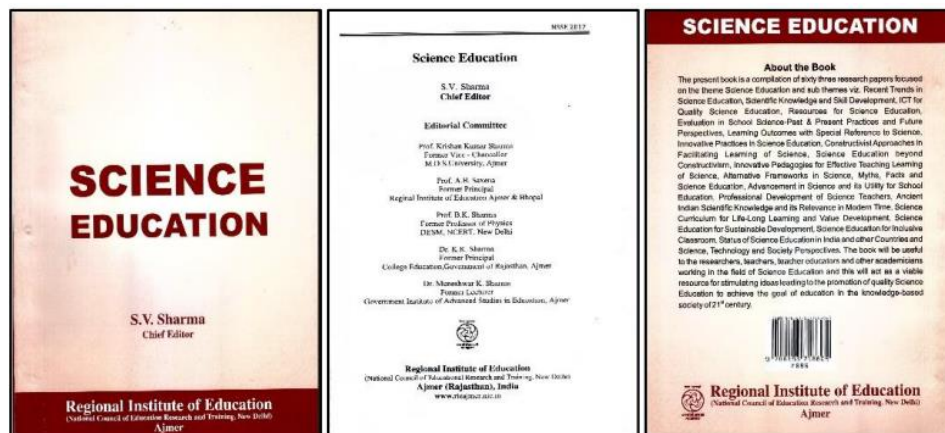


Book Review: Science Education

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Science Education is regularly updating area and always being challenging on both the sides i.e. for teaching and learning. Thus, learners and teacher need to maintain the pace with these successive developments. Otherwise it is too difficult to mitigate the present scenario's need. From the initial phase of science education when behaviorism, cognitivism and constructivism only were the basic learning theories to the present time when the learning process for science education become more complicated as unlike other subjects it demands more integration of newer technologies. Science Education demands in current time the integration of emerging technologies with instructions including the web based resources like simulations, interactive classes, e-learning, mobile app, virtual labs, digital software for experiments etc. for making the subject easier to understand and according to convenience of learner in both the temporal and spatial scales. That not only helps in better understanding but also plays a pivotal role in enhancing the scientific temper among learners.

To achieve these goals there is strong need that learner should regularly update her/his knowledge by any possible means. The learners would no doubt prefer separate books or literature for the purpose. But that would be very limited source in terms of interest and information of the learner as they would only able to find a thematic approach of articles or literature. On the other hand, edited collection is more effective as learner can check the information in order to confirm that it is not just an assemblage of literature.

The reviewed edited collection is an assemblage of 63 research papers comprising the recent innovations and researches in the field of science education. As these research papers are of the outcomes of three days National Seminar on Science Education organized at the Regional Institute of Education, NCERT, Ajmer the authenticity level is automatically one step up in

comparison to any other edited collection. The book is an informative and useful source for the researchers, teachers, teacher educators, and other academicians working in the field of science education.

This edited collection is an approach to compile the most successive advancements in the field of science education. This reviewed compilation covers the recent trends in science education, scientific knowledge and skill development, ICT for quality science education, resources for science education, evaluation in school science-past and present practices and future perspective, learning outcome with special reference to science, innovative practices in science education, constructivist approach in facilitating learning of science, science education beyond constructivism, innovative pedagogies for effective teaching learning of science, alternative frameworks in science, myths, facts and science education, advancement in science and its utility for school education, professional development of science teachers, ancient Indian scientific knowledge and its relevance in modern time, science curriculum for lifelong learning and value development, science education for sustainable development, science education for inclusive classroom, status of science education in India and other countries and science, technology and society perspectives.

This edited collection is viewed as a reflection of a desire to put things in group to provide a complete package of science education for learners. The content presented in the book is well correlated and not having any redundancy of text or material. Hence, it is more valuable for profiling, networking or justifying the science education of emerging as well as established learners and workers of the science education field. This collection is integrated intellectual contributions and having a slandered of the literature.