

SRISTI SAMMAN-2018

Shri Nagarjun Sharma

Shri Nagarjun Sharma has done exemplary work to make mathematics simpler and fun to learn by creating several models and authoring books on the subject.

Nagarjunji was born on 2nd June 1957. His father's name is Shri Narayan Sharma while mother's name is Smt Vijaya Sharma. Nagarjunji was always interested in the automated machines and toys ever since his childhood and once even managed to prepare a steam engine. He then got so interested in innovating science models that he regularly took part in Science Exhibitions. This interest in innovation continued even after Nagarjunji started his career as a teacher. He also started guiding innovative children to make new models and

participated in state as well as national level Science Exhibitions.

He has taken part thrice in the competition for North western region organised by Science and Experiment Department at Nehru Science Centre, Mumbai. Among these entries, Self Railway Crossing Signal System and working models to verify theorems of Geometry received wide appreciation.

He provided services for Rajasthan government as a teacher in Science and Maths for the past 26 years ever since he joined the profession on September 21, 1981. He was then teacher at secondary level for 8 year and principal at higher secondary level for 2 years. In his 36 years of service, he provided high level

education that enabled children to pass with flying colours. Today many of his students are IAS, IPS officers while some are away in foreign countries.

On the social front too Nagarjunji was active as a worker of the RSS. During natural calamities he has worked hard with the RSS for helping those affected.

During his tenure as a teacher and even after retirement Nagarjunji was always interested to make innovations to make mathematics learning simpler and fun. He made several automated models to make understanding Geometry simple and fun for the children. Some interesting models creating by him are:

- 1) He made equal parts of a paper and made 2,3,4 or 10 pieces of it so that they can learn the ways of division and multiplication.
- 2) He taught basic concepts of mathematics using various patterns.
- 3) He modified the box type model to understand basic Geometrical concepts and theorems that are difficult to understand. He has written a book on this called 'Geometrical Siddhanta ki Siddhanta'.
- 4) Through the models given in this book, working models are being made in Mathematical labs today.

On May 14th 2015, Nagarjunji established an institution called 'Bodhayan Sansthan' to enable learning mathematics easier and fun. At this institution children can get mathematical puzzles and models that make mathematical concepts simple for children to understand. He has arranged workshops for several schools in Tonk, Bikaner, Udaipur and Sikar in Rajasthan. He has also organised workshops at a school and for B Ed students at Odisha.

The Bodhayan Sansthan has organised a state level exam called Bodhayan Ratna Khoj in 2016-2017 where the winner is provided all kinds of guidance and support in the mathematics subject. The institution also honours people who have done exemplary work in teaching mathematics. The institution is working hard to make mathematical kits, models for mathematical labs, and models for theorems in Geometry. Nagarjunji has also published two editions of books namely 'Ganitanjali- Puzzles' and 'World of Numbers'. On 14th June, 2017, the institution organised a national level mathematics seminar that was

attended by experts from Roorke- Uttarakhand, Ahmedabad-Gujarat, Ranchi-Chattisgarh, Agra-Uttar Pradesh, Delhi and Rajasthan.

On 22 December, 2017 that is celebrated as 'Mathematics Day', the models and books produced by Bodhayan were displayed at an exhibition at North East Regional Institute, Shillong, Meghalaya.

At present Nagarjunji is working on the institution called Locus Innovations at Jaipur to produce new materials for learning mathematics while providing guidance to Bodhayan.