

A BRIEF REPORT ON
One day NATIONAL WORKSHOP ON VEDIC ALGEBRA
Organized by
INSITUTE OF SCIENTIFIC RESEARCH ON VEDAS (ISERVE)
IN ASSOCIATION WITH
SHIKSHA SAMSKRITI UTTAN NYAS (SSUN) TS &AP Chapter
Date 19th June 2016 at Library hall, I-SERVE, Alakapuri, Hyderabad

Prof. K.V. Krishna Murthy, Chairman, I-SERVE, in his opening remarks welcomed the guests, faculty and participants. He said that the Institute is initiated a number of projects on Vedic sciences which includes a R&D project on Ayurveda khashayams sponsored by DBT Government of India, Societal service projects like Health care, Ancient agriculture and allied fields on ancient scientific knowledge and application. He also referred the work of I-SERVE Delhi chapter on dating of ancient events, and cultural continuity of scientific events and the need to follow the scientific tools for better understanding of our remote past. Vedic mathematics is one such subject which needs to be understood and applied in our regular way of life. India has given birth to many mathematicians during the post Vedic periods and I-SERVE has privilege to publish a book on many of such Mathematicians and to gift the volume to about 4000 participant Scientists and mathematicians present in the International Mathematics Congress held in Hyderabad during 2010. I-SERVE is also organizing several workshops, training programmes in vedic mathematics and this workshop has special reference to Vedic Algebra for the benefit of Mathematics faculties and students and this National workshop is one such efforts of this Institute and requested the participants to interact well with the faculty and clear their doubts.

Sri Dashapati Rao, Convener, SHIKSHA SAMSKRITI UTTAN NYAS (SSUN) TS & AP Chapter said that there are some distortions in the History of India in the school and college text books and the efforts of SSUN in bringing this to Government Knowledge with a request to change the relevant text books was successful several times and this will help the student community. He said that SUSN is presently active in Personality Development Value based Education, Autonomy in Educational Systems, Environmental Education. National Languages and in Vedic Mathematics. SUSN is successful in organizing workshops at different levels and thanked I-SERVE for associating in this workshop.

Sri Madiraju Seetha rama rao, the Coordinator of the National Workshop, mentioned that there is a good bond between I-SERVE and SUSN in organizing the Vedic Mathematics Training and workshops since many years and also appraised on the International mathematics congress achievements of I-SERVE, where he is fortunate to associate in such congress.

Technical sessions: The Vedic Algebra Lectures were provided by the following faculty from 10.30 to 5.30PM.

Sri Kollare Ramesh, Visakhapatnam, A.P

Sandeep Sonere, Aurangabad, Maharashtra

Sri Madiraju Seeta Rama Rao, Hyderabad, TS

Sri M. Mutyam Reddy, Siricilla, TS

Sri Ramesh Rao, Hyderabad, TS

Sri Jayasekhar Reddy, Nalgonda, T.S.

Topics covered:

- Online multiplication of Algebraic Expressions
- Divisibility rule and their scope for any division
- Factorization by Vilokanam (by observation) using Adyam Adyena, Anthyam Anthyena
- Factorization higher order polynomials by using differential calculus
- HCF by Sankalana Vyvakalanabhyam.

In the concluding and Valedictory session, the participants shared their views. Shri Narendra swami, Sri Veera Reddy, Smt Padmaja interacted and said that the workshop is beyond the expectations and expressed that they benefitted a lot. They thought that the Vedic mathematics was just quick arithmetic operations but after the workshop they realized the vast available branches and applications to learn in the mathematics. 50 Mathematical faculties were present in the workshop. Most of the participants are faculty members of several colleges and hence two parallel sessions were run simultaneously, in the Halls of nearby Alakapuri Model School.

Sri Kuppa Vasudeva Sarma of I-FOCUS, Hyderabad, the distinguished guest appreciated the participants for their wonderful interactions and the feedback on the workshop and he offered his services and cooperation to conduct such workshops in near future for the benefit of the Mathematics faculties.

The workshop concludes with the National Anthem.

Report compiled by

Sri KVRS Murthy Hon. Director I-SERVE.

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