

**EARTHSYSTEM SCIENCES AWARENESS AND RESEARCH ASSOCIATION**

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**(ESWARA)**

**A brief report on the 2 Day National Seminar by ESWARA On  
“Ancient Indian Sciences and their Relevance to Modern Society,  
with Special Reference to Green Concepts”**

The 2 Day National Seminar by the EARTHSYSTEM SCIENCES AWARENESS AND RESEARCH ASSOCIATION hereafter called ESWARA on “Ancient Indian Sciences and their Relevance to Modern Society, with Special Reference to Green Concepts” has been successfully conducted on 20 -21 October 2011 in Dr S. Balakrishna Hall, National Geophysical research Institute, Hyderabad. The seminar was cosponsored by Ministry of Earth Sciences, Govt. of India and Andhra Pradesh Pollution Control Board and supported by the National Geophysical Research Institute, Hyderabad.

The seminar encompassed six themes:

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| (1) Earth and Environmental sciences      | (2) Health and Medical Sciences      |
| (3) Life Sciences and Agriculture         | (4) Forestry and Veterinary Sciences |
| (5) Mathematical and Engineering Sciences | (6) Vedic Science Literature         |

There was a spontaneous and overwhelming response to the seminar from many eminent scholars as well as research students who are associated with many academic and research Institutions dealing with Ancient Indian Sciences. Nearly 40 Abstracts / Extended Abstracts connected with the various themes of the seminar have been received. A Seminar Souvenir has been published containing all the abstracts along with other information related to the seminar.

The inaugural function of the seminar, held on the 20<sup>th</sup> October at 9.30 AM, was initiated on an auspicious note with *Vedic* chants by scholars and prayer rendered by young students of *Vedic* learning. The function was presided over by Dr. Y. J. Bhaskara Rao, Director, National Geophysical Research Institute and inaugurated by Prof. Ramakrishna Ramaswamy, Vice Chancellor and University of Hyderabad. Dr Kamala Krishnamurthy, President of ESWARA, gave the welcome address and expressed her pleasure on the excellent response to the seminar received. Dr T.S.Ramakrishna, Founder and Secretary, ESWARA, presented a brief profile of the Association and gave a concise account of its activities. Dr Y.J.Bhaskara Rao, who chaired the function, released the Souvenir of the seminar and conveyed his pleasure for choosing the venue in NGRI, which is celebrating its Golden Jubilee Year and praised the Association for its efforts during the last ten years in spreading the message on our eco-friendly, heritage based Ancient Indian Sciences. Prof. Ramakrishna

Ramaswamy, in his inaugural speech, while appreciating ESWARA's objective, has also pointed out some of the drawbacks in the suggestion of fully adopting the Ancient systems as the ratio of available resources to population is entirely different now from the past. He said while ancient Indian culture and heritage are readily acceptable, ancient Indian sciences need to be understood and developed better. He has also made reference to the Chaos theory in this regard. Dr Y.R.Rao, member of the Seminar Organizing Committee, who also ably compeered the function, briefly explained about the technical sessions that were to follow. The function ended with a vote of thanks given by Dr. P. Koteswara Rao, Scientist, NGRI, and Member of the Organizing Committee.

On the first day of the seminar three technical sessions were completed. Session I on Earth and Environmental Sciences was chaired by Shri AGB Reddi, DDG (Retd), GSI, an academician and philosophic researcher. Four papers were presented in this session. Session II, Health and Medical Sciences was held in two segments. The first one was chaired by Prof. M.Srinivasulu, (Retd.), Dept. of Ayush, Govt. of AP and Founder and Director of Marri academy of Ayurveda, and the second segment was chaired by Dr K.Jayakrishna of Agasthya Ayurvedic clinic. A total of 12 papers were presented on this theme covering various ailments like Kidney dysfunction, infertility, vandhya, psychiatric disorders etc and the eco-friendly ayurvedic treatments available for these diseases. There were also papers on diet management in eye disorders, the effects of Viruddhahara (adverse foods), panchagavya, wheat grass, health care through Naturopathy etc. The Session III on Life sciences was chaired by Prof S.Y.Anwar (Retd.) Dept of Genetics, Osmania University. Analysis of bioactive constituents in *Achyranthes Aspera*, probable relation between the stars, planets, related plants, bioenergies and certain plant extracts that could cure some dreadful diseases were all presented.

The remaining three technical sessions were completed during the second day of the seminar. Session IV on Agriculture, Forestry and Veterinary Sciences covered papers on Forest management, indigenous knowledge in conservation of agriculture, weather forecasting for agricultural purposes, Homa therapy for soil and crop protection in ancient India were covered. The Session on Mathematical and Engineering Sciences was chaired by Dr.G.S.Murthy and Dr. G.V.S.R.K.Somayajulu. Accurate time measurements in ancient India, the effects of geopathic stress on people, classification of iron ores in ancient India, a comparison of cube root evaluation by ancient and modern methods, Green nanotechnology through Vedic research etc. were some of the every interesting papers related to this session. Within this session the 50th Golden Jubilee lecture of ESWARA's Lecture Series in Ancient Indian Sciences was organized. This lecture titled "The Astounding Mathematics of Ancient India" was delivered by Prof. V.Kannan, Professor of Mathematics, University of Hyderabad under the President ship of Prof. C.Santhamma, Vedic Mathematician and retired Professor of Physics, Andhra University, Visakhapatnam.

The VI and final session earmarked for Vedic Science Literature was chaired Brahma Shri Kuppa Venkata Krishnamurthy who at the outset gave an account of the efforts being put in by the I-SERVE organization in

promoting the Vedic sciences and the availability vast scientific literature in Sanskrit. Another paper on the scientific aspects of Yajnavalkya Smruti was also presented in this session. After completing the presentation of papers corresponding to all the six technical sessions, the seminar concluded with a Valedictory Function.

The valedictory function was organized with Dr. K. Aravinada Rao, Retired DGP and a Sanskrit Scholar as Chief Guest and Brhama Shri. Kuppa Venkata Krishna Murthy as guest of honor, with Prof. P.Shashirekha, Vice President and Dr.T.S.Ramakrishna, Founder & Secretary of ESWARA on the dais. Professor Shashirekha welcomed the guests. Dr.B.S.R.Murthy read out a report on the proceedings of the seminar from the inaugural function to the end of the technical session. Brahma Shri. Kuppa Venkata Krishna Murthy released a book titled "Super Scientific Concepts in Ancient India" published by ESWARA. This was followed by speech by him, outlining the commendable work done by ESWARA in the past decade in bringing awareness about the eco-friendly sciences and practices of ancient India. The book, edited by Dr.T.S.Ramakrishna, is a collection of abstracts and essays of all the 50 lectures conducted by ESWARA under the Ancient Indian Lecture series during the last ten years. Releasing the book Brhama Shri Kuppa Venkata Krishna Murthy lauded the efforts of ESWARA during the past decade and in particular its efforts in addressing these lectures to modern scientists and students in national laboratories, universities, engineering and medical colleges. Dr.Aravinda Rao while complimenting ESWARA for its efforts and also this unique seminar has stressed on the need for reliable and acceptable research in ancient Indian Sciences and avoid hype, which will be counter productive. Dr. Ramakrishna explained about the steps that are already in practice in ESWARA to filter baseless and unsubstantiated claims about the greatness of ancient Indian Sciences. Dr.M.R.K.Prabhakara Rao, Joint Secretary, ESWARA presented a vote of thanks.

The seminar has been a great success in propagating and promoting eco-friendly ancient Indian sciences. It has generated a lot of interest even in the younger generation. A large number of people have attended the seminar and also a good number of people have also joined the association to strengthen the spread of environmental consciousness among the people.

**Main Recommendations of the Seminar are:**

- 1. The association has organized a seminar after ten long years. Instead, it should hold such seminars more frequently, yearly or at least once in 2 years to promote environmental consciousness among the public.**
- 2. Adopting ancient Indian practices of sustainable development in education, medicare and lifestyle are the best and cheapest ways to control the all round pollution.**
- 3. India can be a world leader by developing its own brand of simple science and minimum technology and a key player in the control of global warming and climate change by reviving its amazing wealth of ancient wisdom.**

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