

**A Brief Report on National conference on "Research Opportunities in Ancient Indian Sciences" Jointly organized by Department of Chemistry , Andhra University , Visakhapatnam and Institute of Scientific Research on Vedas ,Hyderabad
Date 23rd November, 2011 10.00 AM to 19.00 Hrs.
TLN Sabha Hall Andhra University, Visakhapatnam**

Inaugural Session 10.00 Am to 12.00Hrs.

The Inaugural session started at 10.00Hrs Prof. N.V.S Naidu Dept.of chemistry S.V. University, Tirupati, welcomed the dignitaries on to the dias. Prof. YLN Murthy , Head, Dept.of Chemistry, AU was the convenor of the conference and he presided over the session. Chief Guest was Prof. V.Veeriah ,Principal , A.U. college of Science and Technology and Guest of honor and Key Note speaker was Prof K V Krishna Murthy, Chairman, I-SERVE, Hyderabad.



After formal lighting of the lamp, Prof. YLN Murthy, the presiding officer, welcomed the gathering. He referred to the scientific values of the Rig-Veda and need of utilizing such sciences for the benefit of the future generations and appreciated I-SERVE in selecting the expert lectures on the theme of the seminar. Prof. V.Veeriah, Chief guest, Inaugural Address referred to the astronomical and cosmological research of ancient India and mentioned that even though there are translations to some of the scriptures, there is a need to translate more ancient scriptures to understand the details. He also referred to the ancient technologies of metallurgy to and the Kutubminar of Delhi. He said that the Indus valley civilization is one such advanced civilization. He also said that Western people are adopting the Ayurvedic sciences and Israel is

one such country where Ayurvedic departments were established in their Universities. He said that some theories of Quantum Mechanics Earth Sciences, Einstein theory of Light, etc have roots in the vedic mathematics and its importance and how the work was carried out with a lot of zeal and interest at A.U, by Prof. Santamma previously. He thanked Prof K. V. Krishnamurthy and I SERVE for selecting the theme of the seminar and for organizing the event at A U for the benefit of the students and scholars.



KEY NOTE ADDRESS



Prof. K.V Krishna Murthy delivered the Key note address on the Research opportunities in Indian Ancient sciences. Initiating the lecture, he said he was inspired by the former illustrious Vice chancellors of the Andhra University like Dr.Sarvepalli Radha Krishnan, Prof.Bezawada Gopal Reddy, Prof. C R Reddy and others whose full size photographs are kept in the TLN Sabha Hall of the University His power point presentation depicted the importance of the ancient sciences, the research on such subjects, in order to save the globe with environmentally benign technologies. He narrated how the western findings were so modern when compared to the Vedic periods, for example, in the origin of universe, the gravitational force, Lavoisier's theory, Einstein's Theory, Pythagoras theorem etc., Prof Murthy also elaborated on various topics of interest for the purpose of research such as Healthcare, Ayurveda, Astronomy, cosmology, Geology and earth sciences, metallurgy, Sanskrit Panini Grammar & computer logic, Agriculture Pasu sastra, etc., where one can identify new topics for R&D projects and Ph.D programmes. He thanked Andhra University team for providing an opportunity to speak and discuss on Ancient Indian sciences, for the benefit of the local Students and scholars. He also explained how I-SERVE is focus on these ancient sciences through conferences in various Universities, R&D projects with various Departments, MoUs with various Universities, colleges, and Industries, and through Educational programmes jointly with universities like Dr.BRAOU Hyd.

After the key note address, the Inaugural session concluded with formal vote of thanks proposed by Prof. K.Basavayya, Dept. of Analytical Chemistry, AU.

Technical Session I

It started at 12.15 Hrs under the chairmanship of Prof. N.S. Sarma Dept. of Physical, Nuclear & Chemical Oceanography, AU.

Invited Lecture 1

Dr. I.Suryanarayana, formerly Chief Scientist, IICT (CSIR), Hyderabad delivered the Invited Talk on "Opportunities of research in rasa sastra". He took references from of vedas, Upanishads and a number of books in Rasa Sastra, and Koutilya's Artha Sastra to give references of chemistry, related to metals like Gold, diamonds, corals, crystals, etc. including the quality controls, administration and management in ancient periods were also elaborated. He also discussed on the Ayurvedic works like Charaka, Susrutha, Nagarjuna Rasa Sastra, Bhasava Rajeeyam, etc. The Lecture was well received by the students and scholars

Invited Lecture 2

Dr.B L Narasayya, former Director Geological Survey of India, Chennai, delivered lecture on "Is it possible to predict earth quakes using the ancient data and the modern planetary software" He referred the varahamihara's Bruhatsamhita and illuminated his talk with astronomical and the earth phenomena such as Moon and Tied theory, Seismic zones theory, Prone areas, vulnerable areas like Rajasthan -Assam seismic zone etc. He has presented the seismic waves study and analyses of the destabilization of clusters, asteroids striking the earth, behaviors of animals before the EQ, the astronomical ,and Planetary positions evaluations connected with them. He concluded that it requires a lot of research with astronomical and planetary software methodologies which is a great challenge for the researchers.

Invited Lecture 3..

Prof. Santamma ,(Rtd) Andhra University delivered her talk on "Factorization of quadratics, cubic, and higher degree equations using Swamiji's sutras" she appealed that these sutras are to be kept in web site of I-SERVE as annexure.

Technical session II :

Prof. N.nageswara Rao, Head, Department of Inorganic and Analytical Chemistry A.U chaired this Session.

Invited lecture 4

Dr.G.V.Rama, Chief Meteorological officer (rtd), ISRO, Sriharikota, delivered his talk on "Weather prediction based on ancient & present techniques" He focused on weather forecast, Ancient techniques of forecast, Astronomical observations, Bruhatsamhita, present system of forecast, Bio and Non bio indicators for weather forecast, limitations in forecast and the need and urgency for a joint work with Vedic scholars and scientists. He also presented the scale of forecast, areas, durations with respect to planetary positions, Cyclones, Thunders, Tornado phenomena, the life cycles etc. He also focused on Nadi systems with 28 stars including Abhijit and compared to the stars with English alphabets. He also referred to Parasara and Brihat samhita for seasonal rain forecast . he also showed some pictures of weather models. The lecture was well received by the students, with enthusiastic interactions.

Invited Lecture 5

Dr.Sivarambabu, Director I-SERVE, California Chapter, USA, delivered a talk on "Standard model of particles: Vedic sciences Vs. Modern science"

He made a comparative study of Vedic and modern propositions – regarding the fundamental particles of matter. He said that as per Rigvedic Stanzas Agni, Aja, Ekaja and Pasu were fundamental particles of matter. He also discussed about the pros and cons of Big Bang theory and concluded that this theory is not supported by the Vedic hymns.

Valedictory Session: 5.00PM to 7.00PM



After successful presentation of the lectures, the Valedictory session started. The session was presided over by Prof. N.Someswara rao, Emeritus scientist (UGC) and former Head of Analytical chemistry department, Andhra University. Dr. Swarajya Lakshmi I/C Registrar, Andhra University, was the Chief Guest and Prof. K.V. Krishna Murthy, Chairman, I-SERVE was Guest of Honor.

Shri K.V.R.S. Murthy, former Director Grade Scientist CSIR,IICT, Hyderabad and Director (Research) I-SERVE, presented the summary of the proceedings of the day.

Prof. N.Someswara rao narrated the work related to Homa concept project that is undertaken at the University and how the ancient sciences will help in answering some of the problems related to human health etc., and he appreciated the efforts of I-SERVE in supporting this cause.

Participants Impressions:

About 12 boy and girl students /Scholars reacted on this conference. They mentioned that they were not aware of these ancient sciences which have a very great value and after a day long participation in the

conference, they learnt a lot for which they thanked the University professors and also I SERVE for arranging such wonderful and innovative scientific lectures.

Chief Guest Remarks

Dr. Swarjya Lakshmi, Chief guest in her Valedictory Address referred to the utility of some ancient sciences and their need to the society and the need of Research in this direction. She thanked I-SERVE for its efforts in working on these sciences and for holding this conference in the University.

Vote of Thanks

Prof. P.Atchuta Ramayya, Dept. of Organic Chemistry A.U presented a formal Vote of thanks.

The Sessions concluded with National Anthem.