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**Institute of Scientific Research on Vedas**

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**EXHIBITION AND SEMINAR IN GJU ON  
CULTURAL CONTINUITY FROM RIGVEDA TO ROBOTICS  
(SKY VIEWS OF ASTRONOMICAL REFERENCES & SUPPORTING SCIENTIFIC EVIDENCES)  
(A brief report)**

This unique Exhibition was put up by I-SERVE Delhi Chapter on 3-4 February, 2016 in Guru Jambheshwar University of Science and Technology, Hisar, Haryana in order to showcase the outcomes of multi-disciplinary scientific research carried out for more than 12 years for the benefit of students and teachers of modern sciences. The Exhibition was unveiled by Prof. Kaptan Singh Solanki, Honorable Governor of Haryana.

For the Seminar, invited lecture on the subject was delivered by Smt. Saroj Bala, Director of I-SERVE Delhi Chapter. A copy of the PPT, based on which presentation was made is attached. Dr Ankit Agarwal, advisor of I-SERVE Delhi Chapter delivered a talk on 'Story of Saraswati through Scientific Evidences', a copy of his PPT is also attached. Special address was delivered by Dr Tankeshwar Kumar Ji, Hon'ble Vice chancellor of GJU, who was the moving force behind this event. Honorable Governor delivered the valedictory address. He whole heartedly appreciated the quality and output of research undertaken by Saroj Bala and the team of scientists from I-SERVE Delhi Chapter.

The theme of the Exhibition put up on 3-4 February, 2016 in the beautiful Arch-gallery of GJU auditorium complex and the theme of the talk delivered by Smt. Saroj Bala, Director of I-SERVE Delhi Chapter in the 2000 seater state-of-the art Auditorium of GJU are summarised as under –

- The latest scientific research reports have proved that indigenous civilisation has been developing in India for last 10,000 years. Vedas contain references of the sky views which could be observed around 9000 - 7000 BP, Ramayana refers to the sky views seen sequentially around 7000 BP, whereas those of Mahabharata could be observed around 5000 BP. On display were the sky views, generated by using Planetarium software, starting with the one observed at the time of birth of Lord Ram in 5114 BC, matching exactly the description given in *Valmiki Ramayan*. All subsequent sky observations of important events in the life of Lord Ram reveal perfect chronological matching.

- On display in the Exhibition, were the sky views generated by using Planetarium soft ware, which match the references in Mahabharata sequentially right from the date of departure of Pandavas for thirteen years of exile after they lost everything in the game of Dice in 3153 BC, to the sequential events leading to Mahabharata war in 3139 BC and thereafter right up to the solar eclipse seen from Dwarka before it submerged 36 years after Mahabharata war in 3102 BC.
- These astronomical dates of references in Rigveda, Ramayana and Mahabharata are corroborated by oceanographic, archaeological, geological, remote sensing, paleobotanical, ecological and anthropological evidences. Various exhibits displayed provided pictorial glimpse of such scientific evidences. The archaeological evidences displayed were in form of utensils, ornaments, weapons, plants and infrastructure etc. All these support the astronomical dates of references in these scriptures.
- On display in the exhibition was the map showing more than 150 places visited by Shri Ram during his exile. One could look at the picture of Kutumsar caves in Dandak vana; the carbon dating of grains found from there considers these as 7000 years old! Also on display was the map showing kingdoms and tribes which participated in Mahabharat war; these extended from Gandhar in Afghanistan to Trikut in Sri Lanka and from Lauhitya (Arunachal Pradesh) in the East to Dwarka in the West! Was it not Greater Bharatvarsha!
- Some rare pictures of Ramsetu were on display with proof that it was at the walkable level around 7000 years back. Put on show was the pictorial display of the eventful journey of remote past revealing how and when Ganga became the most venerated holy river of India in place of Saraswati!
- The geneology charts of the Suryavanshi rulers, containing names of 63 predecessors and 59 successors of Lord Ram were on display. These were corroborated by the latest DNA studies, particularly of Ramayan tribes, revealing genetic continuity of civilised populations for more than 10000 years in India and common genetic heritage of Dravidians, North Indians and Tribes in which there has been no inflow during last 10000 years but there has been outflow, giving a final burial to Aryan Invasion Theory.
- There are larger number of scientific discoveries and lesser number of inventions recorded in Vedic and post-Vedic literature. Some such discoveries were also showcased. References to various discoveries of Physics, Chemistry, Botany, Astronomy, Mathematics, Environmental Sciences etc. were described in greater detail during presentation by Saroj Bala.

Dr. Tankeshwar Kumar, Vice Chancellor of GJU impressed the audience with his deep knowledge on the subject combined with lead from the front attitude in taking a lead on the subject of Modern Sciences in ancient Vedic and Post-Vedic literature. He said that –

- The intensive and extensive scientific research, which has gone behind this Exhibition and Seminar on 'Cultural Continuity from Rigveda to Robotics' has proved that Rigveda was composed more than 9000 years back and there has been cultural continuity since then.
- Ancient scholars and *rishi-munis* of ancient India had such profound knowledge of astronomy and of methods of time reckoning that modern scientific tools are establishing their precision and reliability. We need to know all that in greater details for our own benefit.
- Dr. Tankeshwar Kumar, Vice Chancellor of GJU appreciated the initiative taken by Mrs. Saroj Bala and her Institute I-SERVE. He requested that various science departments of GJU could take initiative in correlating and carrying forward ancient knowledge of modern sciences. He also endorsed the idea of having co-guides from faculty of sciences with Sanskrit scholars of Department of Religious Studies of GJU.

**Prof. Kaptan Singh Solanki, Honorable Governor of Haryana** lauded the efforts put in by Smt Saroj Bala and appreciated the achievements of Team I-SERVE. Some extracts from his speech are –

- The evidences displayed through this exhibition and presented during the Seminar are so convincing and credible that it may not be possible to say any more that Ramayana and Mahabharata are mythology. It has been proved that these contain references to true events of the remote past; the true dates of these events can be determined by making use of modern scientific tools.
- Full fledged efforts need to be made so as to reach the information revealed through this Exhibition and Seminar to largest number of people all over India; rather all over the world. He assured support from Haryana in this field.

**During this Exhibition, one could watch the video recording of address by late Dr. A.P.J. Abdul Kalam, most admired ex-President of India, talking about such indigenous development of civilisation, relating the Ramayana references to 7000 BP and extolling the achievements of India in remote past! An extract is as under-**

*"Vedic and post-Vedic literature has a tremendous amount of scientific knowledge which will be extremely beneficial to humanity. For creating a faith in these documents, there is a need to establish the date of occurrence of Vedas and Upanishads which are contained in our mythology, so that they are transformed into historical events and not imaginary mythological events....."*

*If we look at the study on scientific dating of Ramayana, the important aspect about the Ramayana is that when Valmiki wrote the epic, he made it with many proofs. He packed so much information about the various planetary positions of those days, the geography of the areas mentioned in the epic, the seasonal events, and about the genealogy of various kings that it is virtually a no-brainer to establish the dates on which those events occurred.*

*Astronomical calculation, making use of planetarium software, have proved that events narrated in Valmiki Ramayana actually occurred around 7000 years back and they can be sequentially dated. Ramasetu is found submerged at the same location as is described in Valmiki Ramayana and the city of Dwarka has been explored by marine archeology wing of Govt of India....*

*As per the estimate made by the Inter-Governmental panel on Climate Change (NASA, Global Change Master Directory), the rise in the sea level during the last 7000 years has been about 2.8 meters which roughly corresponds to 9.3 feet. The remains of Rama Sethu are found submerged nearly at a depth of 9-10 feet. Thus, obviously this bridge was capable of being used as a land route 7000 years back. This is the only existing evidence on manmade bridge so many thousands of years back...*

*It is essential that our researchers launch a mission-oriented program in an integrated way by earth science, geological science, remote sensing and space scientists, oceanography and climate change teams and the people who are engaged in construction under the sea....*

*The spoken language period as per Prof. Tobias is around 10000 years old and the birth of Rama based on the 9th thithi of Chaitra month dates to 10th January in 5114 BC, that is 7117 years back. We need to establish the relationship between the birth of spoken language and the evolution of Valmiki Ramayana..... I am happy that through the use of modern technology, the perception of Indian Archaeology has changed and has facilitated the researchers to prove an indigenous origin of civilization in the Indian Sub continent. This is an important factor which should work as an integrator of the entire nation since all of us have come into this land from the same ancestors and roots."*

Almost all the visitors, teachers and students showed deep interest and made extremely positive and encouraging comments about the Exhibition as well as the Seminar. A Quiz Program on the subject was conducted on 4<sup>th</sup> February, in which more than 250 students had participated. These students showed keen interest, displayed good knowledge of the subject and consequently won many prizes during this Quiz Program.

Formal and informal interaction with the faculty members of GJU revealed that some of them were really interested in unearthing and connecting the scientific knowledge of ancient India with modern sciences in certain selected areas with the following objectives –

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1. Make our rightful claim over the scientific theories and discoveries made by us e.g. in subjects of astronomy, metallurgy and medicine. Write the true history of sciences by keeping future needs in mind.
  2. Take up individual research in selected science subjects; starting from ancient knowledge, its development in modern times and identifying the scope for carrying the research to logical conclusion by working on an identified component in the best interest of mankind e.g. one or two out of 121 surgical instruments listed in *Charak Samhita* or a weapon for making crowds unconscious (without killing), described in *Mahabharata*, may still have the potential of being developed.
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Some of the research subjects in which faculty members of GJU appeared to be prima facie interested are-

- Deptt. of Mathematics – Ancient Indian knowledge of Arithmetic, Algebra and Geometry; comparison of their dating with dates of modern knowledge and identifying and developing some ancient concepts for modern use.
- Research based on excavations of Sarasvati sites in Haryana e.g. crops of those times and their present day potential, various human and plant diseases of ancient times and metallurgy.
- Department of Biomedical Engineering– Surgical instruments (121 appx.) described in *Sushruta Samhita*, their correlation with modern surgical instruments, identification and development of those which are still not being made/used.
- Faculty of Medical Sciences; Applied Psychology – Holistic Healing (including mind and body) in past, its need in modern times and developing a model for future based on ancient knowledge.

- Faculty of Medical Sciences; Physiotherapy – Tracing the history of Yoga with credible dating, developing a model for future by integrating some inputs from modern physiotherapy.
- Writing the history of various sciences, taking very specific subjects – these projects can be done jointly with inputs from Sanskrit scholars who have scientific mindset. Dr. Bishnoi, Chairperson of Deptt of Religious Studies, has already been collecting such information and fully supports the idea.
- Preparing comprehensive list of Sanskrit manuscripts (their number is in lacs), lying in foreign countries and getting the list of those which contain ancient knowledge of sciences made with a short description.

Deep interest was also shown by print and electronic media and I-SERVE team felt encouraged with the positive coverage from them as they generally endorsed the authenticity as well as the credibility of the theme of the exhibition and trustworthiness of the contents of its exhibits. Many newspapers / magazines covered the news of this unique exhibition. Some of the links are as under -

This Exhibition and this Seminar were based on research carried out by I-SERVE Delhi Chapter and its Director Smt Saroj Bala for more than 12 years on "**Determining Cultural Continuity since Vedic and Epic Eras: through Sequential Dating of Astronomical References and other Corroborating Scientific Evidences**". First seminar, covering Rigvedic and Ramayan eras, with the title, "Scientific Dating of Ancient Events before 2000 BC:..." was organized in Delhi on 30-31 July, 2011. The inaugural address was delivered by late Dr. A.P.J. Abdul Kalam, who has been the source of inspiration behind this research.

Thereafter the book titled, "Historicity of Vedic and Ramayan Eras: Scientific Evidences from the Depths of Oceans to the Heights of Skies" was published, which was released in August, 2012. Positive reviews were published in several journals and newspapers. It was also covered and appreciated by ZEE news on 25-26 August, 2012 through comprehensive coverage during primetime. Hindi version was published with the title "वैदिक युग एवं रामायण काल की ऐतिहासिकता" In January, 2013.

Second International Seminar with the theme, "Determining cultural continuity since Vedic and Epic Eras", was held on 23 - 24 February, 2014 in Delhi, for which inaugural address was delivered by hon'ble Dr Karan Singh. The summary, along with some pictures, have been uploaded on <http://sarojbala.blogspot.in/>

After making many more intense efforts for dating of Mahabharat, an Exhibition titled 'Cultural Continuity from Rigveda to Robotics' was put up in Lalit kala Akademi, New Delhi on 17-23 September, 2015, which was inaugurated by Dr Mahesh Sharma,

Minister of Culture. It was widely appreciated and covered by print and electronic media. Many details and exhibits have been uploaded on <http://sarojbala.blogspot.in/>

Some of the videos covering our research and seminars held in the past can be watched on Youtube, some of the links are given here -  
<https://www.youtube.com/watch?v=3u4EC1ePFok>  
<http://www.vifindia.org/transcription...>  
<https://www.youtube.com/watch?v=H8dOLj601ys>

Watch: Lord Shri Ram's time machine test only on Zee News at 8 pm (December, 2014)



Programme preview: <https://www.youtube.com/watch?v=fdwkozJo5FE>

Ramayana, reality or myth: Watch Lord Shri Ram's time machine test Part 1  
<https://www.youtube.com/watch?v=1Wn-63HnAOw>

Ramayana, reality or myth: Watch Lord Shri Ram's time machine test-Part 2  
[https://www.youtube.com/watch?v=msr\\_LmzqCDw](https://www.youtube.com/watch?v=msr_LmzqCDw)

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We do believe that a worthwhile beginning of research on the lines, as desired by late Dr. APJ Abdul Kalam, will be made in GJU. We are confident that as a result all Indians, irrespective of their caste and religion, will be able to enjoy shared pride in their rich cultural heritage, which has also come in the form of scientific knowledge! The most striking feature about the faculty, students and management of your University was their patriotic spirit and their keen desire to know about the antiquity and richness of our ancient scientific knowledge!

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