

## Themes of the Seminar

- 1. Ancient Manuscripts having unpublished works focused on:**
  - ♦ Astronomy and Mathematics
  - ♦ Vedic Sciences
  - ♦ Medical Sciences, alchemy, dietetics etc.
  - ♦ Urban development and planning
  - ♦ Environment and Conservation
  - ♦ Linguistics and language technology
  - ♦ Neuro Sciences
  - ♦ Such other topics
- 2. ICT interventions for strategic deciphering, editing, cataloging and other aspects of Manuscripts, especially on Science and Technology.**
- 3. Evolving Artificial Intelligence technologies for the above.**
- 4. Other allied topics.**

## Registration and Submission of abstracts/ full paper

Those who would like to participate/ present papers may submit the registration form through email along with the abstracts. Abstracts are invited from faculty, students, civil society organizations, researchers and department officials in the themes listed for oral and poster presentation in the technical sessions of the seminar. Further details about the methodology of submission and registration form is provided at "[www.sanskrti.org/seminar](http://www.sanskrti.org/seminar)"

### Registration fees:

P.G.Students and Research Scholars : ₹ 1,000/-  
Delegates : ₹ 2,000/-  
Institutional Participants : ₹ 5,000/-  
(All registered participants will be provided seminar kit and boarding for all the three days of the seminar).

### DATES TO REMEMBER

Last date for Registration &  
Abstract Submission : **5th March, 2019**  
Notification of Acceptance : **10th March, 2019**  
Submission of full paper : **15th March, 2019**

**Seminar Dates : 26th -28th January, 2019**



Mode of Payment of Registration fees:  
Cheques / DDs may be drawn in favour of  
**"Sanskriti Foundation, Mysore".**  
The amount may also be sent by  
NEFT / E-transfer to the following Bank Account :

Name of Account Holder : SAMSKRITI FOUNDATION  
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**Prof. M.A. Lakshmithathachar**  
Chairman of the Seminar

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Organizing Secretary

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**Sanskriti Foundation**®

(An Organization engaged in the Preservation, Revival and propagation of  
the Indian Knowledge Systems and Cultural & Scientific Heritage of India)

Mysuru

**National Seminar on  
Cataloguing,  
Editing &  
Publication of  
Ancient  
Indian Manuscripts on  
Science & Technology**



**Funded by:**

**National Mission for Manuscripts (NMM),  
New Delhi**

**Dates:**

**26<sup>th</sup> to 28<sup>th</sup> March, 2019**

**Venue :**

**Multi-vision theatre, ISKCON,  
Rajajinagar, Bangalore 560 010**



**T**he Indian Scientific heritage has been extremely productive. India has one of the largest collections of Scientific manuscripts of any civilization in the world. While there is no precise enumeration of the number of manuscripts, estimates vary widely, putting it in the region of 20000 to 100,000 manuscripts. Several of these manuscripts are now in institutions such as – Oriental Manuscripts Libraries, Indological Research Institutions, Universities, Mutts and Archives and many are still in private collections. Manuscripts are also available in foreign libraries in U.K., France, Germany & USA and in Asian countries like, Sri Lanka, Nepal, Burma, Bhutan, China (Tibet), Thailand. Unfortunately there is no detailed and accurate data about the number, extent and distribution of the Scientific manuscripts of India. The presently available published Scientific texts, which are in contemporary use, represent less than 2% of the Scientific literature that is available in the form of manuscripts. However, as of today, there is no proper methodology to know or verify the names, authors or any other details of manuscripts that exist on the topic of Science and Technology in ancient India.

The Samskriti Foundation, Mysore, has, at present, embarked on a project to collect, collate and present information about a bibliography of manuscripts exclusively dealing with Science and technology. So far it has collected and listed information about 8,500 numbers of such manuscripts, which turned out to be a very meticulous, pain-staking task. Thus, the Foundation has a unique database of ancient manuscripts dealing with Science and Technology (S & T) of Ancient India.

## The Problem

Though the Foundation has collected and prepared an electronic database of ancient manuscripts dealing with Science and Technology of Ancient India, there is still a long way to go, as these Manuscripts have to be procured from various institutions, University libraries and personal collections. Further the following steps have to be undertaken:

1. Cleaning etc of the Manuscripts and making them ready for digitization
2. Digitization of the concerned Manuscripts
3. Deciphering the Manuscripts
4. Transcribing the Manuscripts
5. Editing the Manuscripts
6. Preparing English Translation / regional languages translation etc. in collaboration with scientists / technocrats connected with the concerned field.
7. Making other value editions
8. Publishing the Manuscripts

To undertake the above tasks, the active collaboration of scholars and scientists / technologists alike is very much necessary. This is because, unlike while dealing with Manuscripts on literature, philosophy etc., Manuscripts on S & T contain many technical terms that even scholars who are familiar with the particular language would not be able to interpret properly. Apart from this, there exist several other problems in deciphering / interpreting / editing Manuscripts belonging to many new areas like ancient geography, alchemy, earth sciences and such other subjects. Therefore, there is a dire need to unearth and train a new breed of persons who are 'scientist-manuscriptologists'. As of today, there are not many scientist-manuscriptologists who can undertake such tasks and bring to light the ancient Manuscripts on S & T of yore which can bring to light the expertise of our forefathers in various fields of S & T.



## The solution envisaged

To overcome the above problem, it is proposed to bring together expert scientists and technologists on one side and expert manuscriptologists on the other on a common platform and make them interact with each other so that there can be a healthy exchange of ideas and concepts that can help in taking the task of deciphering / interpreting / editing Manuscripts belonging to many new areas like ancient geography, alchemy, earth sciences and such other subjects dealing with S & T. The proposed seminar specifically wishes to address and make considerable headway in solving the problems mentioned above.

The seminar will be organized in such a way that exclusive sessions will be devoted for a particular contemporarily relevant field of science and technology and experts in that particular field will speak on particular unpublished, valuable Manuscripts that is concerned with that particular field. For example, there will be an exclusive session for unpublished Manuscripts on the subject of 'Mathematics' and in that session, experts on Mathematics will speak on deciphering, publication etc. of unpublished, useful Manuscripts on Mathematics and their utility. Similarly separate sessions will be scheduled for other important subjects. Of course, it will be impossible to deal with all such subjects in a very short span of three days. However, the topics will be prioritized based on contemporary relevance and the sessions will be held in a highly sophisticated manner.

**The seminar will be a pioneering one, since, as far as information available at present, such a seminar for deciphering / interpreting / editing Manuscripts belonging to many new areas like ancient geography, alchemy, earth sciences and such other subjects dealing with S & T has not been organized so far by any agency.**

