

## NEWS

### HISTORY OF SCIENCE PROJECTS 2013-14

#### **New Projects approved for the year 2013-14**

**Compilation of classified bibliographies and assessment of research work done in different branches of mathematics in the Eastern zone in India during the nineteenth and twentieth century**

Mala Bhattacharjee and Purbi Mukherji, Gokhale Memorial Girls' College, Kolkata.

**The *Kriyākramakāri* of Śaṅkara and Nārāyaṇa – Translation with Expository Notes: A Critical Study in Modern Perspectives**

V Madhukar Mallayya, Mohandas College of Engineering and Technology, Thiruvananthapuram, Kerala.

***Parāsara Sidhānta, Soma Siddhānta* – Texts for critical edition, English translation, Commentary and Studies**

Somenath Chatterjee, Sanskrit Sahitya Parisat, Hoogly.

**A study on the Modification of river Channel in the Jorhat District of Assam**

Raktim Ranjan Saikia, JB College, Jorhat, Assam.

**History of Geoscientific Studies in the Himalayan Region**

Anshu Kumar Sinha, Delhi University, Delhi.

**Amarakośa – A Biological Assessment**

S Sundara Rajan, Jain University, Bangalore.

**Translation with adaptations of a book “*Sanskrit Sahityama Vanaspatio*” (Plants in Sanskrit Literature) written in Gujarati by Shri Bapalal G. Shah (Vaidya)**

J J Shah, M S University, Vadodara

**English Translation of *Yogamṛtam***

Senu Kurien George, College of Engineering, Pathnamthitta, Kerala.

**The State of Ayurveda in Colonial India and Measures for its Revival: An Assessment**

Srabani Sen, The Asiatic Society, Kolkata.

**Calcutta Medical College and the Rise of Hospital Medicine in India: Locating its Evolution and Epistemological Consequences**

Jayanta Bhattacharya, Paschim Banga Vigyan Manch, Raiganj, West Bengal.

**Growth and Development of the School of Tropical Medicine – A Historical Study**

Balaram Majumder, Institute of Historical Studies and Sabyasachi Chatterjee, University of Kalyani, Kalyani, West Bengal.

**History of Science Museums and Planetariums in India**

Jayanta Sthanapati, Centre for Interdisciplinary Research and Education, Kolkata.

**Tryst with Destiny: A Social and Intellectual History of Scientific Temper in Modern India**

Meera Nanda, Indian Institute of Science Education and Research, Mohali.

**Ongoing Projects 2013-14**

**History of High Tin Bronze and Brass Technologies in Eastern India**

Pranab K. Chattopadhyay, The Asiatic Society, Kolkata.

**South Indian Metrological Traditions: A Critical Study**

V Selvakumar, Tamil University, Thanjavur.

**Study of the Indus Valley Scripts through Linguistic and Markov Chain Methods**

Niladri Sarkar, Department of Physics, Birla Institute of Technology & Science, Pilani.

**Siddhāntaśiromaṇi of Bhāskarācārya – Translation of the text and the Auto commentary Vasanabhāṣya and Explanatory notes**

M S Sriram, University of Madras, Chennai.

**Editon with English Translation of part II of Siddhāntaśekhara of Śrīpati (11<sup>th</sup> century)**

A Sripad Bhat, Rastriya Sanskrit Vidyapeetha, Tirupati.

**English Translation with critical notes and indexing of “Pathyapathyavinischaya” a 16<sup>th</sup> century text on Ayurvedic Dietetics**

P Ram Manohar, The Ayurvedic Trust, Ramanathapuram, Coimbatore.

**English Translation of ‘Rasendra Cudāmaṇi’**

Naveena K, Jeevanthi Trust, Sringeri.

**Multi-dimensional Concept of Preventive Strategies for Non-communicable Diseases with reference to Diabetes, Cardio-vascular disorders and Cancer – A Historical Overview**

Sukta Das, Cancer Foundation of India, Kolkata.

**History of Neurodegenerative Diseases and its impact on Aged population in India: An Assessment**

Saumitra Basu, Calcutta Metropolitan Institute of Gerontology, Kolkata.

**Mental Disorder and *Unmāda*: The Organic and Indigenous Histories of Psychiatry in National Institute of Mental Health and Neurosciences (INMANS), 1925-1974.**

P Radhika, Bangalore.

**A study on the History of the Traditional Ayurveda Practicing by Parambarya Vaidyas in Kerala and their Unique Ethical Outlook**

Sreekumar, IIT, Madras, Chennai.

**The Garo Perception of Disease and Medicine: A History since the British Regime in the Indian Sub-continent**

Pratibha Mandal, The Asiatic Society, Kolkata.

**A Historical study of Indian Medicine through Travellers' Accounts, with special emphasis on Anatomical and Surgical knowledge: 17-19th century**

Jayanta Bhattacharya, Paschim Banga Vigyan Manch, Raiganj, West Bengal.

**Traditional Ecological Knowledge in India – An Assessment**

Baisakhi Bandyopadhyay, The Asiatic Society, Kolkata.

**Science and Nationalism in Bengal 1876-1947 Phase VII : Girish Ch. Bose and Modern Agronomy in India**

C B Palit, Corpus Research Institute, Kolkata.

**Advent and Growth modern Science Awareness and Education in Colonial India**

Rajesh Kochhar, Indian Institute of Science Education and Research, Mohali.

**Impact of the visions of Rabinbdranath Tagore, P. C. Mahalanobis & J. C. Bose on the development of Indian Science & Culture**

Parul Chakrabarti, Sir J C Bose Trust, Kolkata.

**The Scientific Achievements of Radhanath Sikdar and Science in Early Colonial India**

Ashish Lahiri, Pavlov Institute and Hospital, Kolkata.

**Delineating the History of Plant Science and Agriculture Technology of India: a Multi-disciplinary Perspective**

Vasudha Pant, Society for People Action and Research, Almora.

**A Study on Solar Passive Concepts used in the Avadh Architectural Buildings**

Usha Bajpai, University of Lucknow, Lucknow.

**Projects Accomplished- 2013-14****Minerals, Mining and Metal working Crafts in Medieval India. C 1600-1750 AD : A study based on Dutch sources**

Ishrat Alam, Aligarh Muslim University, Aligarh.

**An Ethno-Technological Study of Iron Working around Sonbhadra Region**

Vibha Tripathi and Prabhakar Upadhayay, Banaras Hindu University, Varanasi.

**Indigenous Techniques of Weaving in Silk Industry: A Study in the context of Eastern Uttar Pradesh**

Adya Prasad Pandey, Banaras Hindu University, Varanasi.

**The Pioneer Mathematicians and their Role in Calcutta University during nineteenth and twentieth Century**

Mala Bhattacharjee and Purabi Mukherjee, Gokhale Memorial Girls' College, Kolkata.

***Brahma Siddhānta* - Text, Eng. Translation and Commentary**

Somenath Chatterjee, Sanskrit Sahitya Parisat, Hooghly.

**Communicable Diseases and Germ Theory in Colonial India: An Assessment**

Srabani Sen, The Asiatic Society, Kolkata.

***Khagendra Mani Darpaṇa* (KMD) World's first complete Text on Ancient Toxicology**

Sathyanarayana Bhat, Jeevanthi Trust, Sringeri.

**English Translation to *Jyotsnikā***

Senu Kurien George, College of Engineering, Pathnamthitta, Kerala.

**Growth of Scientific Societies in India (1784-1947) for decades**

B K Sen, Information and Communication Society of India, New Delhi.

**Towards an understanding of Indigenous Knowledge system of the Fishermen of Sundarbans in West Bengal and their approach to health, sanitation and climate**

Mahua Sarkar, Jadavpur University, Kolkata.

**Historical Evolution of Forestry Research in India (1861-2005) with case study of Forestry Research Institute, Dehradun)**

Subhasis Biswas, Jadavpur University, Kolkata.

**Ideas of Evolution in Indian History and Culture and the Impact of Darwin**

H Sharat Chandra, FNA, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore