

Books Received for Review (2017)

Choudhuri, Arnab Rai, *Nature's Third Cycle – A Story of Sunspots*, Oxford University Press, UK, 2017, Price Rs.695/-, pages 281.

Craddock, P T, *Early Indian Metallurgy – The Production of Lead, Silver and Zinc through Three Millennia in North West India*, Archetype Publications Ltd, c/o International Academic Projects, 1 Birdcage Walk, London, SW1H9JJ, 2017, pages 266. (Under review)

Dattamajumdar, Satarupa, *An Enquiry into The Status of Lepcha*, Desktop Printers, Kolkata, 2016, Price Rs.1000/-, Pages 229.

Delire, Jean-Michel, *Les mathematiques de l'autel vedique Le Baudhayana Sulbasutra et son commentaire Sulbadipika*, Copyright, Librairie Droz S.A. II, rue Massot, Genieve, 2016, pages 620.

Prasad, Ritika, *Track of Change – Railways and Everyday Life in Colonial India*, Cambridge University Press, Delhi, 2016, pages 315.(Reviewed)

Lyn Lim Tina Su and Wanger Donald B, *The Continuation of Ancient Mathematics: Wang Xiaoton's Jigu suanjing, Algebra and Geometry in 7th – Century China*, NIAS-Nordic Institute of Asian Studies, Copenhagen K, Denmark, 2017, pages 219

Mukhopadhyay, Dhrubajyoti. *A Brief History of Science and its Relationship with the Development of Productive Forces, Production Relations and Philosophy*, Breakthrough Science Society, Kolkata, 2017, Price Rs.250/- pages 304.

Pai, Venketeswara; Ramasubramanian, K; Sriram, M S and Srinivas, M D, *Karaṇapaddhati of Putumana Somayaji*, Hindustan Book Agency (India), New Delhi, 2017, pages 450

Ramasubramanian, K; Sule, Aniket; Vahia, Mayank, *History of Indian Astronomy – A Handbook*, Jai Ganesh Offset Printers, Chennai, 2016, Pages 662.

Rao, A.B. Padmanabha (ed. and trans.) *Bhaskarācārya's Līlāvātī: Part I (2016), Part II* Chinmaya International Foundation Shodha Samsthan, Ernakulam, Kerala, 2014(Reviewed)

Raza Gauhar, Gopichandran R, Venkateswaran T V and Misra Kinkini Dasgupta (editors) *Scientifically Yours - Selected Indian Women Scientists*, CSI R—N ISCAI R, and Vigyan Prasar, DST, 2016, Pages. IX+134(Reviewed)

Raza Gauhar, Gopichandra R, Sappal Gurdeep S. and Venkateswaran T V (editors) *Moments of Eureka- Life & Works of Selected Indian Scientists*, CSIR—NISCAIR, Rajya Sabha TV and Vigyan Prasar, DST, Pages. XVIII+525 (Reviewed)

Sar, Satyabachi, *Asutosh Mukhopadhyay – Mathematical Genius with the Magic Wand*, Sailee Press, Kolkata, 2016, Price Rs.200/- pages 152.

Shylaja, B S, *History of the Sky – On stones*, Printek Printers, Bangalore, 2017, Price Rs.200/- Pages 156 (Reviewed)

Shylaja, B S and Sastry, V S S, *Jantar Mantar Observatories of Jai Singh*, Bangalore Association for Science Education, J N Taralaya, T Chowdaiah Road, High Grounds, Bengaluru-560001, pages 20; price Rs. 500/- US \$ 49/-(Reviewed)

Singh, Rajinder, *Bidhu Bhushan Ray – A Pioneer of X-ray Spectroscopy*, Shaker Verlag GmbH, Germany, 2017, Price, 21.90•, pages158.

Singh Rajinder, *India's Nobel Prize: Nominators and Nominees*, Shaker Verlag, Aachen 2016, Pages X + 94 (Reviewed)

Singh, Rajinder *Inside Story of Nobel Peace Prize: Indian Contestants*, Shaker Verlag, Aachen 2016. Pages VIII + 234 (Reviewed)

Varadarajan, Lotika, *Bengal Water Craft – Boat Building and Fishing Communities*, Manohatr Publishers & Distributors, New Delhi, 2017, Pages 307, Price Rs. 3995/-(Reviewed)

ERRATA

The legend of *Miṣra Yantra* appearing on the cover page of June issue of *IJHS* 2017 may be read thus. It is a composite structure comprising of four astronomical instruments, *Dakṣiṇottara Bhitti* (for measuring zenith distance or altitude of mid-day sun), *Karkarāṣi Valaya* (for measuring longitude of celestial objects), *Samrāt Yantra* (to determine local time before and after the noon hours) and *Niyata Cakra* with semi-circular scales (to measure the declination of an object at an interval of few hours in degrees and minutes). There is also evidence to suggest that it was erected after the death of Jai Singh by his son, Madho Singh, sometime between 1750 and 1754 [Sharma, Virendra N. *IJHS* 29.3 (1994):477-487].

APPLICATIONS FOR INSA PROJECTS IN HISTORY OF SCIENCE

The Indian National Commission for History of Science approves Research Projects annually on various subjects pertaining to history of science and technology in India under the guidance of a Research Council. Through this programme, the Investigator can take up source and theme oriented study and compilations of important sources with commentaries; translation of important technical primary sources on mathematics, astronomy, medicine, alchemy, agriculture, natural products, life sciences, scientific traditions including oral traditions of scientific nature, metals and metallurgy, architecture and irrigation technology, for critical assessment relating to ancient and medieval periods. The Commission has given equal emphasis for historical evaluation of science and technology of both 19th and 20th century scenario in India with critical assessment. Study of pioneering institutions, popular perceptions of science development, tools, techniques and how the knowledge in each area of science has grown conceptually on the basis of International perspectives, are some of the research areas cited as examples. Themes may of course be selected depending on candidates' own aptitudes and specializations.

Facilities

The Project Investigators are offered facilities of Research Assistants (Non–NET), JRF/ SRF, Research Associates with suitable contingency and travel grant. In special cases super annuated scholars are also granted Honorarium with other facilities for wholetime research work.

Interested scholars may write to Executive Director, Indian National Science Academy, Bahadur Shah Jafar Marg, New Delhi-110002 or email at esoffice@insa.nic.in or ijhs@insa.nic.in for further details. The application form can also be downloaded from the INSA Website: www.insaindia.res.in. The last date for submitting the project application form is **31st December** every year.

