

NEWS

A. THE FOLLOWING PROJECTS HAVE BEEN RENEWED/APPROVED FOR THE YEAR 1986-87 UNDER HISTORY OF SCIENCE RESEARCH PROGRAMME OF THE INDIAN NATIONAL SCIENCE ACADEMY.

1. *Ancient Period* :

- 1.1. 'A Critical Study of *Brhat Samhitā* of Varāha Mihira with a Commentary, *Utpala Parimala* of Yogi' by Prof. K. V. Sarma, Madras.
- 1.2. 'A Critical Study of *Dhanvantari Nighanṭu*' by Prof. R. S. Singh, Varanasi.
- 1.3. 'Transmission of Scientific Ideas, Mathematics and Astronomy, in India and Abroad during Ancient Times' by Prof. R. C. Gupta, Ranchi.
- 1.4. 'Tools and Appliances and Equipments in Ancient India' by Dr. H. C. Bharadwaj, Varanasi.
- 1.5. 'A Survey of Metals and Metallurgy in India' by Dr. N. R. Banerjee, Varanasi.
- 1.6. '*Rasahridayatantra* Critical Edition with Translation' by Dr. B. V. Subbarayappa, Bangalore.
- 1.7. 'A Source Book on Chemical Practices with English Translation' by Dr. B. V. Subbarayappa, Bangalore.
- 1.8. 'History of Technology in India—Ancient Period' by Dr. N. R. Banerjee, Varanasi.
- 1.9. 'History of Medicine in India—Ancient Period' by Prof. P. V. Sharma, Varanasi.

2. *Medieval Period* :

- 2.1. 'Study of Three Important Mathematical Texts—*Khulasat-al-Hisāb*, *Tashrih-al-Aflak* and *Tahrir-i-Uqlidas*' by Prof. W. H. Adbi, Lucknow.
- 2.2. 'A Critical Edition of *Zij-i-Mohammad Shāhi*' by Prof. S. M. R. Ansari and Mr. S. A. Khan Ghori, Delhi.
- 2.3. 'Bibliography of Science and Technology in South Indian Languages' by Dr. B. V. Subbarayappa, Bangalore.
- 2.4. 'Edition and Translation of *Sadāratnamālā*' by Dr. M. S. Rangachari, Madras.

- 2.5. 'Antiquity of Selected Latin American Plants in India before Columbus/Portuguese Advent in the 20th Century' by Dr. Jaweed Ashraf, Delhi.
 - 2.6. 'Science and Technology in the *Samarāṅgana Sūtradhāra*' by Dr. (Miss) Mamata Chaudhuri, Calcutta.
 - 2.7. 'Biographies of Indian Scientists in Medieval Period' by Prof. S. Maqbul Ahmad, Alighrah.
 - 2.8. 'The Project on *Sāraṅghara Saṃhitā*' by Dr. D. Joshi, Varanasi.
3. *Modern Period* :
- 3.1. 'Scientific and Technical Education in India in the First Half of the 20th Century' by Prof. S. N. Sen, Calcutta.
 - 3.2. 'History of Development of Geometry in India' by Prof. M. C. Chaki, Calcutta.
 - 3.3. 'A Dictionary of Scientific Biographies' by Dr. (Mrs.) A. Vasantha, Delhi.
 - 3.4. 'Science Policy of the British in India during Second World War' by Prof. R. L. Shukla, Delhi.
 - 3.5. 'Development of Mathematical Sciences in India in the 20th Century' by Prof. J. N. Kapur, Kanpur.
 - 3.6. 'Calendar Reform in India from Antiquity to Modern Times' by Commodore S. K. Chatterjee, Delhi.
 - 3.7. 'On the Study of Development of Physics, Astrophysics, Astronomy, Geophysics and Physics', by Prof. S. N. Sen and Dr. Santimay Chatterji, Calcutta.
 - 3.8. 'History of Inland Fisheries in India' by Prof. B. R. Singh, Muzaffarpur.
 - 3.9. 'History of Plant Pathology in India' by Dr. S. P. Raychaudhuri, Delhi.
 - 3.10. 'Engineering Education and Public Works (1904-1947)' by Dr. (Mrs.) Aparna Basu, Delhi.
 - 3.11. 'Chronology of Wireless Communication and Electronics in India upto 1950' by Prof. M. C. Mallick, Kharagpur.
 - 3.12. 'History of Civil Engineering in India (1801-1947)' by Dr. K. V. Mital, Roorkee.
 - 3.13. 'Science and Technology as a Component of India's Foreign Policy' by Dr. (Mrs.) Susheela Kaushik, Delhi.
 - 3.14. 'Biography of S. Ramanujan' by Prof. W. H. Abdi, Lucknow.

B. THE FOLLOWING PROJECTS WERE COMPLETED DURING THE YEAR 1985-86.

- 4.1. 'A Critical Edition of the Commentary *Ratnāprabhā* on Cakrapānī's work on Medicine' by Prof. P. V. Sharma, Varanasi.
- 4.2. 'Weather Science in India from Vedic Period to 15th Century A.D.' by Dr. A. S. Ramanathan, Madras.
- 4.3. 'A Critical Study of Flora and Other Botanical Notices in the *R̥gveda Samhitā*' by Prof. R. S. Singh and Shri Narayan Tiwari, Varanasi.
- 4.4. 'Dye and Dye Plants in India upto 18th Century based on Sanskrit Sources' by Prof. R. S. Singh and Dr. A. N. Singh, Varanasi.
- 4.5. 'Transmission of Scientific Ideas and Techniques between China and India in the Medieval Period' by Prof. S. K. Trehan and Mrs. V. J. Deshpande, Chandigarh.
- 4.6. 'Study of the Development of Agricultural Science in Medieval Period' by Late S. P. Raychaudhuri and Mr. M. Mazumdar, Delhi.
- 4.7. 'A Survey of Bengali Writings in Science and Technology —1800-1950' by Shri Durga Prasad Bhattacharya, Calcutta.