

NEWS

A. THE FOLLOWING PROJECTS HAVE BEEN RENEWED/APPROVED FOR THE YEAR 1985-86 UNDER HISTORY OF SCIENCE RESEARCH PROGRAMME OF THE INDIAN NATIONAL SCIENCE ACADEMY :

1. *Ancient Period :*

- 1.1. "A Critical Edition of the Commentary, *Ratnaprabhā* on Cakrapāni's work on Medicine" by Prof. P. V. Sharma, Varanasi.
- 1.2. "A Critical Study of *Bṛhat Saṃhitā* of Varāhamihira with a commentary, *Utpala Parimala* of Yogi" by Dr. K. V. Sarma, Madras.
- 1.3. "Weather Science in India from the Vedic Period upto 15th Century A.D." by Dr. A. S. Ramanathan, Madras.
- 1.4. "A Critical Study of *Dhanvantari Nighaṅṭu*" by Prof. R. S. Singh, Varanasi.
- 1.5. "Dye and Dye-plants in India upto 18th Century based on Sanskrit Sources" by Dr. A. N. Singh and Prof. R. S. Singh, Varanasi.
- 1.6. "A Critical Study of Flora and other Botanical Notices of the Vedic Period" by Mr. Srinarayan Tiwari and Prof. R. S. Singh, Varanasi.
- 1.7. "Transmission of Scientific Ideas, Mathematics and Astronomy in India and Abroad during Ancient Times" by Prof. R. C. Gupta, Ranchi.
- 1.8. "*Labdhisāra* of Nemicandra Siddhānta Cakravarti" by Prof. L. C. Jain, Jabalpure.
- 1.9. "Tools, Appliances and Equipments in Ancient India" by Dr. H. C. Bharadwaj, Varanasi.
- 1 10. "A Survey of Metal and Metallurgy in India" by Dr. N. R. Banerji, Varanasi.

2. *Medieval Period :*

- 2.1. "Scientific Ideas and Techniques between China and India in the Medieval Period" by Mrs. V. J. Deshpande and Prof. S. K. Trehan, Chandigarh.
- 2.2. "Study of three important Mathematical Texts: *Khulasatul Hisab, Tahrir-i-Uqlidas* and *Tashrih al Aflak*" by Prof. W. H. Abdi, Lucknow.

- 2.3. "Study of the Development of Agricultural Science in the Medieval Period" by Prof. S. P. Raychaudhuri, New Delhi.
- 2.4. "A Critical Edition with English Translation of *Zij-i-Muhammad Shāhi*" by Prof. S. M. R. Ansari, New Delhi.
- 2.5. "Techniques of Textile Crafts in 13-18th Centuries" by Dr. (Mrs.) H. K. Naqvi, New Delhi.
- 2.6. "An Annotated Translation of *Dravya Parikṣā* and *Gaṇitasāra* of Thakura Pheru" by Dr. S. R. Sharma, Aligarh.
- 2.7. "Bibliography of Science & Technology in South Indian Languages" by Dr. B. V. Subbarayappa, Bangalore.
- 2.8. "Antiquity of Select d Latin-American Plants in India before Columbus/ Portuguese Advent in the Century" by Dr. Jaweed Ashraf, New Delhi.

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. "A Survey of Bengali Writings in Science and Technology 1800-1950" by Sri D. P. Bhattacharya, Calcutta.
- 3.3. "History of Developments of Geometry in India during 19th & 20th Century" by Prof. M. C. Chaki, Calcutta.
- 3.4. "A Dictionary of Scientific Biographies" by Dr. (Mrs.) A. Vasantha and Dr. D. K. Banerji, New Delhi.
- 3.5. "History and Recent Trends in Research and Teaching of Colloid and Polymer Sciences in India" by Dr. P. Bahadur, Surat.
- 3.6. "Science Policy of the British in India during World War II" by Prof. R. L. Shukla and Mr. J. N. Sinha, New Delhi.
- 3.7. "Development of Mathematical Sciences in India in 20th Century" by Prof. J. N. Kapur, Kanpur.
- 3.8. "Development of the Theory of Integral Transformation and their Application during last 50 Years in India" by Dr. R. P. Agrawal, Jaipur.

- 3.9. "Indian Zoologist and their Contribution from 18th Century onwards" by Dr. N. C. Datta, Calcutta.
- 3.10. "History of Inland Fisheries in India" by Prof. B. R. Singh, Muzaffarpur.
- 3.11. "Development of Iron and Steel Metallurgy in India (1947-82)" by Sri A. Rahman and Mr. S. Jafar Mahmud, New Delhi.
- 3.12. "Engineering Policy and P.W.D. in the Victorian Age (1842-1902)" by Dr. H. C. Verma and Mr. Sanjeev P. N. Singh, New Delhi.
- 3.13. "Engineering Works and Public Works Department, 1906-1947" by Dr. (Mrs.) Aparna Basu, Delhi.

B. THE FOLLOWING PROJECTS WERE COMPLETED DURING THE YEAR 1984-85.

1. "Science and Technology during Gupta Period" by Mr. Santosh Saran and Dr. H. C. Bharadwaj, Varanasi.
2. "*Rasaratna Sammucchaya*" edited with English translation, notes and appendices by Dr. D. Joshi, Varanasi.