

**PROJECTS APPROVED/RENEWED BY
THE INDIAN NATIONAL COMMISSION FOR HISTORY OF SCIENCE
FOR THE YEAR 1998-99**

Ancient Period

1. Ancient Metal Technology in India, Thailand and Japan by Prof. D.P. Agrawal, L.D. Institute, Ahmedabad
2. English Translation of *Dhanwantari Nighaṅṭu* by Dr. R.N. Singh, Lucknow Ayurveda College, Lucknow
3. *Bhela Saṃhitā* : Scientific English Translation by Prof. Jyotir Mitra, BHU, Varanasi
4. The concept of *marmas* and its scientific application by Dr. A.N. Sharma, BHU, Varanasi
5. Motions of the Sun by Dr. George Abraham, Madras Christian College, Madras
6. New Light on Pre-Siddhantic Astronomy by Prof. K.D. Abhayankar, Hyderabad
7. Works on some Eminent Indian Mathematicians with special reference to Madhava's work by Dr. M.R. Adhikari, Calcutta
8. Search for Historical reference to sighting of Crab Supernova of 1054 AD by Professor J.V. Narlikar, Pune
9. Glossary of scientific and Technological terms in Tamil inscription (900-1300 AD) by Professor K.V. Raman, Madras
10. Subjectwise classification and English Translation of Contents of Prakrit Canonical Text (up to 5th century AD) both prominent Digambara and Svetambara by Dr. N.L. Jain, Rewa
11. The Scientific Method in Indian Thought by Dr. S.M. Bhave, Pune.
12. Varahamihira and Indian Science (non-Astronomical) by Professor A.M. Shastri, Nagpur
13. *Kauṭilya's Arthaśāstra* in the Light of Modern Science and Technology by Shri Sunil Behari Sen Sarma, Calcutta
14. Traditional Methods and Present Status of the Bead Making and Pearl and Chank Diving in Tamil Nadu by Dr. K. Rajan, Thanjavur
- *15. A Study of Scientific and Technological Terms in Kannada inscriptions from earliest times to 1334 AD by Professor A.V. Narasimha Murthy, Mysore

- *16. Pulse Examinations in Ayurveda by Dr. Ashok Majumdar, Delhi
- *17. Psychiatry in *Bṛhat Trayai* by Dr. K.P. Shukla, BHU, Varanasi
- *18. A Descriptive Catalogue of Indian Astronomical and Time Measuring Instruments by Prof. S.R. Sarma, AMU, Aligarh
- *19. Science Manuscripts in Sanskrit : Method for their study and critical Edition by Professor K.V. Sarma, Madras
- *20. English Translation and critical commentary of *Brahma Sphuṭa Siddhānta* by Professor S.D. Sharma, Patiala

Medieval Period

- 21. *Rāj Nighaṅṭu* of Narhari Pandita : English Translation and critical commentary by (Late) Dr. S.C. Sankhyadhar and (Ms) Deepika Sankhyadhar, Jammu
- 22. Some Aspects of Traditional Utilitarian Architecture by Professor R.J. Vasavada, AIIA Polytechnic, Ahmedabad
- 23. A Critical Scientific Analysis of select Maru-Gurjara Architecture by Shri Bakul Jani, Ahmedabad
- 24. The Traditional Naval Architecture and Impact of European Influence (16-18th centuries AD) by Professor G.V. Rajamanickam, Thanjavur
- 25. Navigation - European Influence on Traditional shipping by Professor K.S. Mathew , Pondicherry
- 26. English Translation of *Camatkāra Cintāmaṇi* of Lolimbarāja by Dr. Nirmal Saxena, Bareilly
- 27. The Study of Various Materials described in *Aṃsubodhini* of Maḥṛṣi Bharadvāja by Professor P. Ramachandra Rao, FNA, Jamshedpur
- 28. *Kaiyadeva Nighaṅṭu* : English Translation with scientific Commentary by Dr. N.G. Bandyopadhyay, Patna
- 29. The science and Art of Calligraphy and Paintings by Dr. S. Andhare, Ahmedabad
- *30. Jade and the study of its techniques and transmission with reference to India and Central Asia by Dr. Ashok Kumar Das, Jaipur
- *31. Critical Edition of *Karaṇakutuhala* and *Grahalaghava* with English Translation, Explanatory Notes and Computer Programmes by Dr. S. Balachandra Rao, Bangalore
- *32. Madhava and the origin of Calculus by Dr. C.K. Raju, Delhi
- *33. An Engineering study of Tank/ancient Irrigation systems by Dr. Srinivas Vardachari Veeravalli, IIT Delhi
- *34. Correction and updating of the Book *History of Astronomy in India* by Professor A.K. Chakraborty, Calcutta

Modern Period

35. Indigenous Response to the Introduction of Western Medicine in the Madras Presidency 1800 - 1940 A.D. by Ms. Purnima Sardesai, Hyderabad
36. History of Nutrition Research in India by Dr. B.S. Narasinga Rao, Hyderabad
37. Lafont, Sircar and the 19th Century Science Movement by Professor A.K. Biswas and Dr. (Ms) Sulekha Biswas, Calcutta
38. Science and Environment in India in the Age of Imperialism : A Handbook of Source Materials by Dr. Satpal Sangwan, Delhi
39. Popular Perceptions of Science in Colonial Tamil Nadu C. 1890-1940 AD by Professor S. Bhattacharya, Delhi
40. Science and Nationalism in Bengal : 1876-1947 AD by Professor C.B. Palit, Calcutta
41. Preparation of a book entitled *History of Biological Science* by Professor B.M. Johri, Delhi
42. English Translation of Gujarati Book *Life and Works of Botanist Jaikrishna Bhai* by Prof. J.J. Shah, FNA, Vadodara.
43. Botanical Archives of India by Professor S.K. Jain, FNA, Lucknow.
44. Formative years of Space Research in India: An oral History by Dr. D . Veer Raghavan and Professor S. Arunachalam, Madras
- *45. History of Pharmacy Practice and Drug and Pharmacy related Status by Professor Harkishan Singh, Chandigarh.

Projects Completed

1. A comparative study of Indian Astronomical systems vis-a-vis Modern system in Computations of Planets by Professor S. Balachandra Rao, Bangalore
2. Science Texts in Sanskrit in the Mss. Repository of Kerala and Tamil Nadu by Prof. K.V. Sarma, Madras