INDIAN JOURNAL OF HISTORY OF SCIENCE

Cumulative Index : Vol. 49.1-4 (2014)

A Glimpse of Rule of Logic in Gautama's Nyāya Sūtra, 50-51

- Bhowmik, Subrata
- Historical Notes
- Mathematical Logic

A Short History of Electrochemistry in India, 424-427

- Shukla, A K
- Kumar, T Prem
- Agastya battery
- Bangalore trio
- Chlor-alkali
- Electrochemistry,
- Electrodeposition
- Electro-organic chemicals
- Industrial electrochemistry
- History of polarography

Ansari, S M Razaullah, 212-218

- Benno von Dalen Islamic Astronomical Tables: Mathematical Analysis and Historical Observations
- Book Review

Bag, A K, vol. 49.2, 49.4

- Editorial, History of Numerical Tables
- Editorial, History of Chemical and Chemical Researches

Bankim Chandra: First Writer of Popular Science in Bengali, 308-310

- Majumdar, Sisir K
- Historical Note

Basant, K B, 311-336

- Some Applications of First Approachable Śunya and Derivation of Other Approachable Śunyas
- Historical Note
- Panda Satyananda

Basu, Prajit K, 457-469

- Good Life, Self-Sufficiency and Chemical Knowledge: Through the Chemical World View of Late Jnan Chandra Ghosh
- Historical Note

Bhāskara I's Versified Solutions of a Linear Indeterminate Equation, 97-126

- Keller, Agathe
- Āryabhaṭa
- Bhskara
- Kuṭṭākāra
- Table of solutions of indeterminate equations
- Syntactical numerical table.

Bhattacharjee, Mala, 62-72

- Bengal School of Fluid Mechanics: Nineteenth and Twentieth Century
- Historical Note

Bhattacharya, Deepak, 293-297

- Select Palm Leaf Manuscripts on Health Care
- Historical Note

Bhattacharya, Jayanta, 473-480

- Martin Dinges (Ed.)— Medical Pluralism and Homeopathy in India and Germany (1810-2010): A Comparison of Practice, Book Review

Bhattacharyya, Kankan, 371-376

- Early Research in Physical Chemistry in India

Bengal School of Fluid Mechanics: Nineteenth and Twentieth Century, 62-72

- Mukherji, Purabi
- Bhattacharjee, Mala
- Historical Note
- Rectilinear Vortices
- Tidal Waves
- Turbulence
- Vortex Rings
- Viscous FluidsMagnetohydrodynamics

Bhowmik, Subrata, 50-51

 - A Glimpse of Rule of Logic in Gautama's Nyāya Sūtra, Historical Note

Biswas, Subhasis, 81-83

- Forestry Research in India (1861-2005): Historic Evolution with a Case Study, Project Report

Book Reviews

- -Dash, Bhagwan— *Vāgbhaṭa and Candranandana in Indo Tibetan Medicine* (by Narayan, Madhvendra), 73-75
- R N Iyengar Parāśaratantra: Ancient Sanskrit Text on Astronomy and Natural Sciences (by Jagannatha,S) 209-212
- Benno von Dalen Islamic Astronomical Tables: Mathematical Analysis and Historical Observations (by Ansari, S M Razaullah) 212-218
- Sita Sundar Ram *Bījapallava of Kṛṣṇa Daivajña: Algebra in Sixteen Century India A Critical Study* (by Gupta, R C), 337-339
- Acharya Somadeva *Rasendra Cumani, Hindi trans.* Dr. Siddhinandan Mishra (by Naveena, K), 470-473
- Martin Dinges (Ed.)— Medical Pluralism and Homeopathy in India and Germany (1810-2010): A Comparison of Practice (by Bhattacharya, Jayanta), 473-480
- Jahnavi Phalkey Atomic State: Big Science in Twentieth-Century India (by Mukunda, N.), 481-484

Botanist Jaykrishnabhai: 1849-1929, 58-61

- Shah, J J
- Historical Note
- Botanist Jaykrishnabhai

- Flora of Barda Mountain
- Plants of Kutch
- Porbandar

Chakravorty, Animesh, 361-370

- The Chemical Researches of Acharya Prafulla Chandra Ray

Chattopadhayay, Pranab K, 1-9

- Ho Tribes of Eastern India and their Metallurgical Traditions

Chemical Research in British India (1788-1900)

- Sen B K
- Historical Note
- Chemical papers India 18th century
- Chemical papers India 19th century
- Chemical research India 19th century

Critical Review on *Makaradhvaja* — A Herbomineral Formulation, 10-20

- Dhundi, Shraddha N
- Prajapati, PK
- Kharalīya
- Kūpipakva
- Makaradhvaja
- Rasāyana

Dasgupta, Sujit, 21-33

- 1803 Earthquake in Garhwal Himalaya – Archival Materials with Commentary

Dhundi, Shraddha N, 10-20

-Critical Review on *Makaradhvaja* — A Herbomineral Formulation

Dorai, Kavita, vol. 49.4

- Guest Editorial, History of Chemical and Chemical Researches

Dwivedi, Dhananjay Vasudeo, 239-250

- Plant Diseases and Their Treatment in Sanskrit Literature

Early Research in Physical Chemistry in India, 371-376

- Bhattacharyya, Kankan
- Biophysical chemistry
- Electro-chemistry
- Industrial research
- Magneto-chemistry
- Molecular magnetism
- Polymer
- Quantum chemistry
- Spectroscopy
- Surfactants

1803 Earthquake in Garhwal Himalaya –Archival Materials with Commentary, 21-33

- Dasgupta, Sujit
- Mukhopadhyay, Basab
- Aftershock
- Archival material
- Central seismic gap
- Himalaya
- Seismic hazard
- 1803 Garhwal Himalaya Earthquake

George, Senu Kurien, 76-80

- English Translation of *Jyotsnika*: An Ayurvedic Text on *Visavidya*, Project Report

Good Life, Self-Sufficiency and Chemical Knowledge: Through the Chemical World View of Late Jnan Chandra Ghosh, 457-469

- Basu, Prajit K
- Historical Note
- Catalysis
- Chemical Knowledge
- Electrochemistry
- Good Life
- Meghnad Saha
- Moral Basis
- Science and Culture
- Self-Sufficiency

Gupta, Pardeep, 84-85

- Honorary D. Sc. Degree to Harkishan Singh from University of the Sciences in Philadelphia, News

Gupta, R C, 337-339

- Sita Sundar Ram — Bījapallava of Kṛṣṇa Daivajòa: Algebra in Sixteen Century India – A Critical Study, Book Review

Handa, Nidhi, 251-259

- Methods of Interpolation in Indian Astronomy

Historical Notes

- A Glimpse of Rule of Logic in Gautama's *Nyāya Sūtra*, Bhowmik, Subrata, 50-51
- Inquisitiveness for Science in Tagore Poems, Majumdar, Sisir K, 52-57
- Botanist Jaykrishnabhai: 1849-1929, Shah, J J, 58-61
- Bengal School of Fluid Mechanics: Nineteenth and Twentieth Century, Mukherji, Purabi and Bhattacharjee, Mala, 62-72
- Select Palm Leaf Manuscripts on Health Care, Bhattacharya, Deepak, 293-297
- Some Nineteenth Century Indian MathematiciansPrior to Ramanujan, Sridharan R, 298-307
- -Bankim Chandra: First Writer of Popular Science in Bengali, Majumdar, Sisir K 308-310
- Some Applications of First Approachable *Śunya* and Derivation of Other Approachable *Śunyas*, Basant, K B and Panda Satyananda, 311-336
- Manuscripts on Alchemy in India Editions and Commentaries, Roy, Mira, 428-431
- Chemical Research in British India (1788-1900) Sen, B K, 432-442
- The Making of a Classic: The Contemporary Significance of P.C. Ray's Historical Approach Raina, Dhruv, 443-456
- Good Life, Self-Sufficiency and Chemical Knowledge: Through the Chemical World View of Late Jnan Chandra Ghosh Basu, Prajit K, 457-469

History of Natural Products Chemistry in India, 377-398

- Nagarajan, K
- Alkaloids
- Biological activity
- Chemical investigation

- Historical survey
- Oxygen heterocycles
- Terpenes
- Terrestrial and marine Indian flora

Ho Tribes of Eastern India and their Metallurgical Traditions, 1-9

- Chattopadhayay, Pranab K
- Purty, Ashok
- Baithi Khuri
- Binika
- Ceremonies
- Chakradharpur
- Ho
- High Tin Bronze
- Rajapuram
- Svarna
- West Singhbhum

Indian Organic Chemical Industry: Decades of Struggle and Achievements, 399-412

- Rama Rao, A V
- Agrochemicals
- Development of drug industry in India
- Dyes stuff industry
- Global chemical market
- Indian chemical industry
- Pre and Post independent era

India's Notable Presence in Linnaeus' Botanical Classification, 34-41

- Jain, S K
- Singh, Harsh
- Botanical Classification
- Etymology
- Faith
- Food
- Language
- Medicinal,
- Species Plantarum

Inquisitiveness for Science in Tagore Poems, 52-57

- Majumdar, Sisir K
- Historical Note

Iyengar, R N, 223-238

 - Parāśara's Six Season Solar Zodiac and Heliacal Visibility of Star Agastya in 1350-1130 BC

Jadhav, Dipak, 260-267

- Nemicandra2 S Rules for Computing Multiplier and Divisor

Jagannatha, S, 209-212

- R N Iyengar Parāśaratantra: Ancient Sanskrit Text on Astronomy and Natural Sciences
- Book Review

Jain, S K, 34-41

- India's Notable Presence in Linnaeus' Botanical Classification,
- Singh, Harsh

Keller, Agathe, 97-126, vol. 49.2

- Bhāskara I's Versified Solutions of a Linear Indeterminate Equation

- Guest Editorial, History of Numerical Tables

Kumar, T Prem, 424-427

- A Short History of Electrochemistry in India

Mahesh, K, 157-169

- Sankramavākyas of the VāKyakarana

Majumdar, Sisir K 52-57, 308-310,

- Inquisitiveness for Science in Tagore Poems, Historical Note
- Bankim Chandra : First Writer of Popular Science in Bengali, Historical Note

${\it Makaranda~S\bar{a}rin\bar{\iota}}$ and Allied ${\it Saurapakṣa}$ Tables – A Study, 186-208

- Rupa, K
- Venugopal, Padmaja
- Rao, S Balachandra
- Makaranda sāriņī
- Padakas
- Indian astronomical tables
- Saurapaksa
- Sūryasiddhānta
- Pratibhāgī padakas
- Tyāgarti

Mallayya, V Madhukar, 142-156

- Trigonometric Tables in India

Mandal, Pratibha, 348-358

- The Garo Perception of Disease and Medicine: A History Since the British Regime in the Indian Sub-Continent, Project Report

Manuscripts on Alchemy in India — Editions and Commentaries, 428-431

- Roy, Mira
- Historical Note
- Agastya
- Alchemy
- Dhātu
- Iatro-chemistry
- Rasasāstra
- Ngarjuna

Medicinal Chemistry Research in India, 413-423

- Singh, Harkishan
- Andhra University
- Campbell Medical College
- Central Drug Research Institute
- Hindustan Antibiotics
- Hindustan Ciba-Geigy Research Centre
- Hoechst Pharmaceuticals Limited
- Kuppuswamy Nagarajan
- Lucknow University
- Medicinal Chemistry
- Nitya Anand
- Panjab University
- Ram Nath Chopra
- Upendra Nath Brahmachari
- Zydus Research Centre

Methods of Interpolation inIndian Astronomy, 251-259

- Handa, Nidhi
- Taneja, Padmavati
- Bhogyakhanda
- Gatakhanda
- Jyā
- Sphutabhogyakhanda
- Vikalā

Mishra, Shrikant, 42-49

- The Medical Maladies of Sir George Everest during the Great Trigonometric Survey of India
- Trikamji, Bhavesh

Montelle, Clemency, 170-185, vol. 49.2

- The Karnakesarī Tables for Computing Eclipse Phenomena
- Guest Editorial, History of Numerical Tables

Mukherji, Purabi, 62-72

- Bengal School of Fluid Mechanics: Nineteenth and Twentieth Century,
- Historical Note

Mukhopadhyay, Basab, 21-33

- 1803 Earthquake in Garhwal Himalaya – Archival Materials with Commentary

Mukunda, N.,481-484

- Jahnavi Phalkey — Atomic State: Big Science in Twentieth-Century India, Book Review

Nagarajan, K, 377-398

- History of Natural Products Chemistry in India

Narayan, Madhvendra, 73-75, 219-222,359-360

- -Dash, Bhagwan— Vāgbhaṭa and Candranandana in Indo Tibetan Medicine, Book Review
- -Twenty Fourth IUHPS International Congress of History of Science, Technology of Medicine, Manchester 2013: A Manifesto, Bhskara 900: International Conference on the 900th Birth Anniversary of Bhskarcrya, Status of History of Science Projects 2014-15
- Asian Science Editors' Conference and Workshop 2014: A Report

Naveena, K, 470-473

 - Acharya Somadeva — Rasendra Cuḍāmaṇi, Hindi trans. Dr. Siddhinandan Mishra, Book Review

Nellickappilly, Sreekumar, 340-347

-The Traditional Ayurveda Practicing by *Parambarya Vaidyas* in Kerala and Their Unique Ethical Outlook, Project Report

Nemicandra' S Rules for Computing Multiplier and Divisor, 260-267

- Jadhav, Dipak
- Ardhaccheda
- Divisor
- Index of power
- Jaina school of Indian mathematics
- Logarithm
- Multiplier

- Nemicandra
- Viralita-rāśi

News

- Honorary D. Sc. Degree to Harkishan Singh from University of the Sciences in Philadelphia, Gupta, Pardeep, 84-85
- Twenty Fourth IUHPS International Congress of History of Science, Technology of Medicine, Manchester 2013: A Manifesto, Bhskara 900: International Conference on the 900th Birth Anniversary of Bhskarcrya, Status of History of Science Projects 2014-15, Naryan, Madhvendra, 219-222
- Asian Science Editors' Conference and Workshop 2014: A Report, Narayan, Madhvendra, 359-360

On Mathematical Complexity of Śrīyantra, 268-277

- Pustynski, Vladislav-Veniamin
- Algebraic fractions
- Non-linear equations
- Numerical solutions
- Śrīyantra

Panda, Satyananda, 311-336

- Some Applications of First Approachable *Śunya* and Derivation of Other Approachable *Śunyas*
- Historical Note

Parāśara's Six Season Solar Zodiac and Heliacal Visibility of Star *Agastya* in 1350-1130 BC, 223-238

- Iyengar, R N
- Agastya,
- Canopus,
- Hasta,
- Heliacal Rise
- Kurukcetra
- Maitrāyaṇī-āraṇyaka,
- Parāśara,
- Puskara,
- Rohinī
- Solar Zodiac,
- Taittirīya-āraṇyaka,
- Vedic Period

Plant Diseases and Their Treatment in Sanskrit Literature, 239-250

- Dwivedi, Dhananjay Vasudeo
- Diseases
- Mantra
- Pathology
- Prayer
- Treatment

Plofker, Kim, 87-96, vol. 49.2

- Sanskrit Astronomical Tables: The State of the Field
- Guest Editorial, History of Numerical Tables

Prajapati, PK, 10-20

- Critical Review on *Makaradhvaja* — A Herbomineral Formulation

Purty, Ashok, 1-9

- Ho Tribes of Eastern India and their Metallurgical Traditions

Pustynski, Vladislav-Veniamin, 268-277

- On Mathematical Complexity of Śrīyantra

Raina, Dhruv, 443-456

- The Making of a Classic: The Contemporary Significance of P.C. Ray's Historical Approach

Rama Rao, A V,399-412

- Indian Organic Chemical Industry: Decades of Struggle and Achievements

Rao, S Balachandra, 186-208

- Makaranda Sārinī and Allied Saurapaksa Tables - A Study

Roy, Mira, 428-431

- Manuscripts on Alchemy in India Editions and Commentaries
- Historical Note

Reports Project

- English Translation of *Jyotsnika*: An Ayurvedic Text on Vicavidya, George, Senu Kurien, 76-80
- Forestry Research in India (1861-2005): Historic Evolution with a Case Study, Biswas, Subhasis, 81-83
- -The Traditional Ayurveda Practicing by *Parambarya Vaidyas* in Kerala and Their Unique Ethical Outlook, Nellickappilly, Sreekumar, 340-347
- The Garo Perception of Disease and Medicine: A History Since the British Regime in the Indian Sub-Continent, Mandal, Pratibha, 348-358

Rupa, K, 186-208

- Makaranda Sāriṇī and Allied Saurapakṣa Tables A Study, Sankramavākyas of the Vākyakarana, 157-169
- Mahesh, K
- Ahargṇa
- Dhruva
- Kamapayādi,
- Rāśi,
- Saṅkrama
- Vākya

Sanskrit Astronomical Tables: The State of the Field, 87-96

- Plofker, Kim
- Arrays
- Astronomy
- Bhskara
- Brahmagupta
- Handbooks
- India
- Sanskrit
- Tables
- Treatises
- Zījes

Sathymurthy, N, vol. 49.4

- Guest Editorial, History of Chemical and Chemical Researches

Select Palm Leaf Manuscripts on Health Care, 293-297

- Bhattacharya, Deepak
- Historical Note

Sen, B K, 432-442

- Chemical Research in British India (1788-1900)
- Historical Note

Shah, J J, 58-61

- Botanist Jaykrishnabhai: 1849-1929
- Historical Note

Shah, Nirmala, 278-292

- Techno-Scientific Education and the Indian National Congress (1885-1918)

Shukla, AK, 424-427

- A Short History of Electrochemistry in India

Singh, Harkishan, 413-423

- Medicinal Chemistry Research in India

Singh, Harsh, 34-41

- India's Notable Presence in Linnaeus' Botanical Classification

Some Applications of First Approachable *Śunya* and Derivation of Other Approachable *Śunyas*, 311-336

- Basant, K B
- Panda Satyananda
- Historical Note
- Approachable Śunya,
- Cardinality
- Division
- Exponentiation
- Real Numbers

Some Nineteenth Century Indian Mathematicians Prior to Ramanujan, 298-307

- Sridharan R
- Historical Note
- De Morgan
- Ganesh Prasad
- Henry Derozio
- Indian mathematicians of the 19th Century
- Radhanath Sikdar
- Ramachandra Lal
- Ramanujan,
- Sagacity of the Bees
- Samanta Chandrasekhar

Sridharan R. 298-307

- Some Nineteenth Century Indian Mathematicians Prior to Ramanujan,
- Historical Note

Taneja, Padmavati, 251-259

- Methods of Interpolation in Indian Astronomy

Techno-Scientific Education and the Indian National Congress (1885-1918), 278-292

- Shah, Nirmala
- Indian Industrial Conference
- Indian Industrial Commission
- Indian National Congress
- Scientific EducationSwadeshi Movement
- Technical Education

The Chemical Researches of Acharya Prafulla Chandra Ray361-370

- Chakravorty, Animesh
- Double Salts
- Coordination Compounds
- Iridium
- Isomorphism
- Mercury
- Nitrites
- Thioethers
- Thiols

The Karṇakesarī Tables for Computing Eclipse Phenomena, 170-

- Montelle, Clemency
- Astronomical tables,
- Eclipses
- Elongation tables
- Indian astral sciences
- Lords of the Eclipse
- Tabular layout

The Making of a Classic: The Contemporary Significance of P.C. Ray's Historical Approach, 443-456

- Raina, Dhruv
- Historical note
- Alchemy,
- Chemical revolutions
- History of chemistry
- Iatrogenic chemistry

The Medical Maladies of Sir George Everest during the Great Trigonometric Survey of India, 42-49

- Mishra, Shrikant
- Trikamji, Bhavesh
- Biography
- Everest

- Great Trigonometrical Survey of India
- Gullain Barre Syndrome
- Infection
- Kyasanur Forest Disease
- Malaria
- Medical disorders
- Mercury

Trigonometric Tables in India, 142-156

- Mallayya, V Madhukar
- Āryabhata
- Vameœvara
- Rsines
- Versed Rsines
- Golasāra
- Yuktibhāṣā
- Trijyā

Trikamji, Bhavesh,42-49

- The Medical Maladies of Sir George Everest during the Great Trigonometric Survey of India

Toke, Knudsen, 127-141

- Versified Sine Tables in Jñānarāja's Siddhāntasundara

Venugopal, Padmaja, 186-208

- Makaranda Sāriņī and Allied Saurapakṣa Tables - A Study

Versified Sine Tables in Jñānarāja's Siddhāntasundara, 127-141

- Toke, Knudsen
- India
- Indian mathematics,
- Indian astronomy
- Trigonometry in India
- History of trigonometry
- Sine tables
- Jñānarāja
- Siddhāntasundara