

## ***Dr Sri Narayan Ojha***

*Teaching & Research (for over 32 years at graduate & postgraduate levels: Bio-stochastic modeling, bioinformatics, computer science & application, technology management)*

*Administrative: Head of Computer Centre and Campus Network Centre for about eight years.*

*PhD (Stochastic Modelling: 1988) from Department of Physics, Visva-Bharati*

*M Sc (Life Science: 1982, Div-I), Visva-Bharati*

### **[Major Activities since 2007]**

#### **Books:**

1. “Bioinformatics: Databases, Tools and Implications for Biodiversity” in Biodiversity & Biotechnology Eds. Samit Ray and Arun Ray 2007 (2<sup>nd</sup> Eds) pp 303-329 ISBN-81-7381-505-4, New Central Book Agency (P) Ltd
2. “Bioinformatics of Perception” in Voice of Senses Ed. Baidyanath Saraswati (2007) pp 157-189, ISBN-81-246-0366-9, D K PrintWorld (P) Ltd
3. “The conceptual framework of multimedia for media studies” in Media And Communication – Practices & Issues Eds. M Chatterjee and B Loha Chaudhuri (2014), pp 309-326, ISBN-978-81-922957-8-7, SB Enterprise, Kolkata.
4. “Issues relating to ontology design for Indian Medicinal System” in India’s Indigenous Medical Systems : A Multidisciplinary Approach Ed. Syed Ejaz Hussain and Mohit Saha Primus Books, New Delhi, [In Press].

#### **Research Paper:**

1. “Numbers in Computing” Sacred Science Review-7 (2006) Pub. 2007, pp 48-67, N K Bose Memorial Foundation, Varanasi, ISBN-84-7525-455-6
2. Mandal, D.K., S.N. Ojha, S. Ray. “Species-specificity of oospore dimensions in three ecorticate species of Chara (Charales, Charophyceae)”, *Aquatic Botany*, 88 (2), p.181-183, Feb 2008
3. “Socio-technical analysis of Knowledge Management” in Social Philosophy in the New Millennium (2008) Eds. S Islam, S N Ojha & K Bhattacharya, Lekha Prakashani, Kolkata, ISBN-81-88130-03-6.
4. “Technology, Pedagogy and Quality : The Higher Education Context” in proceedings of Quality Management in Higher Education [in press]
5. Chakraborty R, S N Ojha and S Ray. “Determination of richness, evenness, diversity indices and interspecific association of some charalean species in certain freshwater

- bodies of the state of West Bengal, India”, Presented at Intl. Symposium on Fossil & Extant Charophytes [Sept 2008] held at University of Rostock [under peer review].
6. Rajat Chakraborty, Dilip Mandal, Sri Narayan Ojha, Samit Ray. “Morphological and chromosomal variations in various populations of Chara fibrosa from West Bengal, India and an analysis of physico-chemical parameters of the aquatic habitat” Perspectives in Cytology and Genetics, 2009, 14 (157-164)
  7. Shewli Bhattacharya, Jnanendra Rath, Sri Narayan Ojha and Samit Ray. “Soil-crust Cyanobacteria from alluvial zone of district Birbhum, West Bengal: Relating species distribution with soil parameters” Phytomorphology 62 (1&2) 2012, 13-23.

**Plenary Lectures / Session Chair / Seminar / Workshops:**

1. “XML-based Standards and Open-source technologies for textual (multi-linguistic) databases” in New Linguistic Survey Of India Summer School [June 2007] at CIIL, Mysore
2. “Bioinformatics : Tools and Techniques” in Orientation Course for University & College Teachers on Computer Applications [February 2008] at Acad Staff College, Burdwan University, Burdwan
3. “IT Trends Management Strategy: Changing the Management?” at National Seminar on Management of Technology Trends [June 2008] at Indian Business Academy, knowledge Park-III, Greater NOIDA
4. “The ICT Equation: Information, Knowledge, and Wisdom” in National Seminar on IT Education [July 2008] at B R Ambedkar Bihar University, Muzaffarpur
5. “Knowledge and its Management” in 7<sup>th</sup> International Congress of Social Philosophy [November 2008] held at Visva-Bharati, Santiniketan
6. “Technology, Pedagogy and Quality: Higher Education Context” at National Workshop on Quality Management in Higher Education [November 2008] held at Vidyasagar College, Suri, Birbhum under NAAC initiative.
7. “A Plant Pathology Extension to Agri-Information Management System” An invited talk at National Symposium ”Plant Microbe Interaction and Crop Health Management” 6-7 October 2012 organised by Dept of Plant Protection, Visva-Bharati.
8. “Modelling the ethical format for mass communication” 15-16 March 2013 UGC Sponsored National Seminar on Media Ethics: Reality or Myth? at CJMC, Visva-Bharati

9. “Non-deterministic Socio-Technical Networks” National Deliberation on Communication for National Integration : Issues in role of media, April 20, 2013, CJMC, Visva-Bharati.
10. UGC-Infonet/University Forum Meeting on 13th July 2012 in New Delhi
11. Annual NKN Workshop on e-Infrastructure in India at IIT, Mumbai, 31 October-2 November 2012, Ministry of IT, NIC and IIT-Mumbai.
12. National e-Governance Workshop at Visva-Bharati, December 3, 2012, Ministry of IT, Govt of India and Visva-Bharati.
13. National Workshop on Biostatistics & R at Pondicherry University February 2013
14. “The Legacy of Radhakrishnan: Representing India in the New Global Order” 5th– 6th September, 2013, Session Chair for Session IV-C [Theme: *Radhakrishnan and Globalization, Science and Philosophy*]
15. Annual NKN Workshop on e-Infrastructure in India at IISc, Bangalore, 17-19 October 2013, Ministry of IT, NIC and Indian Institute of Science.
16. “International Conference on 'Crony Journalism: Redefining Journalistic Practices” 18-19 Journalism 2014, Session Chair for Session IV.

**Advisory and Professional Services:**

1. Team member for Microsoft Localization Project (setup by Microsoft Corporation, USA) for designing the Bengali version of Windows and Office Software (2006-07)
2. Planning and Design expert for Visva-Bharati gigabit OFC Campus Network (GitanjaliNet) and departmental LANs (completed in September 2007).
3. Policy Expert for campus IT infrastructure and individualized computing facilities for the faculty members (completed during September-December 2007). The committee was constituted at the initiative of Honb’le A.P.J. Abul Kalam, the Visitor of Visva-Bharati and President of India.
4. Member of the Working Group for National Translation Mission for National Knowledge Commission. (2006-)
5. Advisory Member of the proposed New Linguistics Survey of India (2007-)

**Examination related services:**

1. Question-setter, Moderator, Examiner and Centre Superintendant for BSc(Hons), MSc, MA, MCA, B Tech, PGDCA examinations (Semester or yearly pattern) since 1988 in several universities, colleges and institutes.
2. Member of Academic Boards and Examination Boards of professional institutions since 2002.
3. Reviewer for PhD research proposals and PhD Examiner for universities.

**Academic / Research Visits & Professional Memberships:**

1. Group Study Exchange Fellow of Rotary Foundation during May-June, 1991 to USA
2. Life Member of Indian Biophysical Society [Headquarters at TFIR, Mumbai]
3. Member, Indian Statistical Institute, Kolkata
4. Member, *Global Lake Ecological Observatory Network*, USA