

## Bio-Data

**Name** : **Dr. Nripendra Ram Kalita**

**Present Position** : Associate Professor,  
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**Date of Birth** : 01-04-1966

**Academic Qualification** : B. Sc. (Hons) Geography, Gauhati University, (1985)  
M.Sc. (Geography) Specialisation in Regional Planning  
Gauhati University, (1990) securing First class

**Doctoral Thesis Title** : Pattern of Drinking Water Use in Guwahati  
Metropolitan Area: An Environmental Appraisal Using  
GIS Techniques (2006)

### Professional Career

**Project Scientist** : “Study on Channel Bars in the Brahmaputra River Near  
Guwahati”, Sponsored by Assam Science Technology  
and Environmental Council from 10/1/91 to 03/10/1992

“Environmental Atlas of Assam” at Assam Remote  
Sensing Application Centre , Assam Science Technology  
and Environmental Council from 07/10/92 to 03/09/1993

**Teaching** : B. Borooah College, Guwahati ( Since 1993)

**Research (Teacher Fellow)** : UGC Teacher Fellow, Department of Environmental  
Science, Gauhati University, From 04/09/1999 to  
04/09/2001

Research Guide : Guided 2 nos. M. Phil Student of Vinayak Mission University

Research Guide: CMJ University, Modrina Mansion, Laitumkhrah, Shillong, Meghalaya-  
793003, presently one research scholar doing Ph.D.

### Resource Person

- Act as a Resource Person in Refresher Course for Higher Secondary Subject Teacher held in Geography Department, B. Borooah College. (7<sup>th</sup> June, to 23<sup>rd</sup> July, 2001).
- Act as Resource Person in the Workshop cum Seminar on “Techniques of Remote Sensing and GIS Organized by Geographical Society, B. Borooah College & Indian

Society of Remote Sensing (Guwahati Chapter) at B. Borooah College and ARSAC, Guwahati on December,2006

- Act as Resource Person in Fourth Regional Workshop for Developing Interface under National Urban Information System (NUIS) Scheme Organised by Assam Remote Sensing Application Centre, Assam Science Technology & Environment Council 7<sup>th</sup> February to 26<sup>th</sup> February 2008

### **International Workshop, Seminars Attended**

- Participated in the Workshop for “Internet Technologies and Web Publishing”, International Centre for Integrated Mountain Development, Nepal with Collaboration with the North Eastern Hill University, held at Shillong, India from 26 March – 1 April, 2000
- Presented a paper in the XXII Conference of Institute of Indian Geographers (IIG) and IGU Commission Meeting on Land degradation and Desertification, held at the Visva-Bharati University, Santiniketon, West Bengal, India from 9-11 January, 2001
- Presented a Paper in the International Conference on Environment Locational Decisions and Regional Planning held at North Eastern Hill University, Shillong, India from 5 –9 March, 2002
- Presented a Paper in the International Conference on 1<sup>st</sup> International Indian Geography Congress held at Osmania University, Hyderabad, India from 5 –7 October, 2006
- Presented a Paper on ."**Drinking Water Quality of Guwahati: A Geo-Environment Appraisal**".in the IGU Commission Seminar on Land Use Biodiversity and Climate Change held at Cotton College, Guwahati, Assam, India from 11-13th December, 2010
- Presented a Paper on ."**Landscape Dynamics of Guwahati, Assam, India : A Geo-Environmental Profile**".in the ICCE-2011 Research Journal of Chemistry and Environment, Indore, India held at Malaysia from 27<sup>th</sup> -29<sup>th</sup> May, 2011
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### **National Seminar Workshop Attended/ Organised**

- Presented a Paper on Sedimentary Environment of Channal Bar's in the Brahmaputra River Near Guwahati : Some Investigations in the IV Conference of Indian Institute of Geomorphologist held at the Geography Dept. of Geography, North Eastern Hill University, Shillong from 30 April – 2 May, 1992

- Participated in the Orientation training on “Integrated Mission for Sustainable Development for State Remote Sensing Application Centre of Eastern Region” Sponsored by NRSA, Dept. of Space, Govt. of India, from 7 – 9 June,1993
- Participated in the Workshop on “Development Ecology” by Assam Science Technology and Environmental Council, from 25 – 29 October, 1994
- Presented a paper on “Supplementary Occupation in Hazo Block-A Village Level Case Study” in the NEIGS Annual Conference held at Dudhnai College, Goalpara, Assam from 6-7 February,1996
- Participated in the Workshop on Utilization, Plantation and Conservation of Medicinal Plants, held at Dept. of Biotechnology, Gauhati University, Sponsored by Ministry of Environment and Forest, Govt. of India, from 16 – 17 May, 1997
- Participated in the Workshop on “Trainer’s Training Programme on Entrepreneurship at Indian Institute of Entrepreneurship , Guwahati, Govt. of India on 23 – 27 march, 1999
- Acted as Coordinator in the National Seminar on “Relevance of Cultural Diversity in Conservation of Biodiversity With Reference to North East India under (COSIP) of UGC at B. Borooah College, Guwahati on 29<sup>th</sup> March,1999
- Participated in the National Seminar on Environment, ENVIRON-2000, Institute of Engineers, Assam State Centre, Guwahati , Assam, 2001
- Participated in the One Week Training Programme on GIS Applications in R&D for NE Region at Manipur Science & Technology Council Sponsored by NRDMS Division, DST, Govt. of India, New Delhi on 13 – 18 November,2000
- Participated in the Training Programme on Working with R2V, Introduction to DAK and Introduction to Arc View GIS at ESRI India, New Delhi on 3 – 10 May,2000
- Participated in the School on Image Processing, Pattern Recognition and their Application in Remote Sensing at Kohima Science College, Jotsoma, Nagaland Sponsored by Indian Statistical Institute, Kolkata on 26 – 28 September, 2001
- Participated in the Short Course on Digital Mapping & Geographical Information System at National Atlas & Thematic Mapping Organisation, Govt. of India from 8 April to 3 May 2002
- Participated in the Workshop on Statistical Data Analysis Using SPSS at the Department of Mathematics , Gauhati university, Guwahati on 10 –14 December, 2002
- Acted as Coordinator in the Workshop cum Seminar on “Techniques of Remote Sensing and GIS Organized by Geographical Society, B. Borooah College & Indian

Society of Remote Sensing (Guwahati Chapter) at B. Borooah College and ARSAC, Guwahati on December,2006

- Acted as Coordinator in the Short term Certificate Course on Concept of Remote Sensing and GIS Application held at the Department of Geography, B. Borooah College jointly organized by ISRS Guwahati Chapter and B. Borooah College, Guwahati-781007 during July 21 – 27, 2008.
- Presented a Paper on “Drinking Water Scenario of Guwahati: A Geoenvironmental Analysis” in the UGC sponsored National Seminar on Population, Environment & Development in North East India held at Arya Vidyapeeth College, Guwahati-16 organised by Arya Vidyapeeth College Teachers’ Unit in association with Assam Science Society from 20 – 21 October,2009
- Participated in the workshop on “New Trends and Potentials of Geospatial Technologies” at Hotal Grand Starline, G.S. Road, Guwahati-5 Organised by Assam Remote Sensing Application Centre, A.S.T.E. Council in association with Geoinformatic Centre, Asian Institute of Technology (AIT) Bangkok partnership with International Society for Photogrametry and Remote Sensing (ISPRS) Spacial Interest Group under Commission-IV on 16 – 17November,2009.

#### **Refresher’s Course Attended**

- ❑ Refresher’s Course in Fluvial Geomorphology at Academic Staff College,Gauhati University, Guwahati, on 22 December,1994 to 11 January,1995
- ❑ Refresher’s Course in Environmental Science at Academic Staff College, Gauhati University, Guwahati, on 18 March to & April,1996
- ❑ Refresher’s Course in a Environmental Science at Academic Staff College, Gauhati University, Guwahati, on 5 – 25 August ,2002
- ❑ Refresher’s Course in a Environmental Studies at Academic Staff College, Gauhati University, Guwahati, 2 - 22 June, 2008

#### **Participation in Professional Bodies**

- Life Member, North East India Geographical Society
- Life Member, Indian Remote Sensing Society
- Life Member, Institute of Indian Geographers (IIG) India
- Life Member, National Association of Geographers, India (NAGI)

- Assistant General Secretary, Indian Remote Sensing Society (Guwahati Chapter) 2001 - 2007
- General Secretary, Geographical Society, B. Borooah College, Guwahati (since 1998 ), (An NGO devoted mainly Awareness Programme and other Educational Activities)
- Assistant. General Secretary, Society for Environmental Protection, Education and Research, Guwahati (An NGO devoted mainly to Awareness Programme among Student of Rural Areas and Conducted Survey Programme and other Activities )

### **Engagement with Extension Activities**

- Act as an Joint Convener of Examination Committee, B. Borooah College for Organizing Examination and Interview by Outside Organization (since 2006-07)
- Assistant officer in charge TDC Exam (2006-2009)
- Editorial Board Member, B. Borooah College Newsletter
- Member, UGC Sponsored COSIP , B. Borooah College (1999-2001)
- General Secretary, B. Borooah College Teachers' Unit (2006-07& 2007-08)
- Convener, Research Cell, IQAC, B. Borooah College, (Since 2007)
- Convener, Website Cell, IQAC, B. Borooah College(2007- 2009)
- Coordinator IDOL, Study Centre Committee, B. Borooah College (Since 2007)
- Coordinator, IGNOU Convergence Scheme (Since 2007)
- Member Finance Committee, B. Borooah College, (2007-08)
- Member UGC Committee, B. Borooah College, (Since 2007)
- Member B.B.A. Course Committee, B. Borooah College, (2009)

### **Engagement in University/ other institution works**

- Act as an Examiner of Gauhati University (since 2004).
- Act as an Examiner of Assam Higher Secondary Council, Assam (since 1998).
- Supervising Officer, Board of Secondary Education, Assam (2006)

- Member, Course committee for TDC, Department of Environmental Science, Guwahati University (since 2003)
- Act as Assistant Zonal officer Part III Arts Zone B (2007), Gauhati University
- Act as Assistant Zonal officer Part II Sc. Zone A (Science major & General, 2009), Gauhati University
- Act as External Examiner (MTM Course) , (2008) , Gauhati University
- Act as Supervising Officer (LLB /1<sup>st</sup> Semester 5years course) , (2009) , Gauhati University.
- Act as Supervising Officer (Biotechnology in Bsc. Course) , (2009) , Gauhati University
- Act as Supervising Officer (LLB Course) , (2009-10) , Gauhati University
- Act as Supervising Officer B.A. (Sans.) Part-I,II,II&Prag Upadhi , (2011) , Gauhati University
- Act as Supervising Officer TDC Part-I & II , (2011) , Gauhati University

## **Publications**

- Braiding of the Brahmaputra River Channel in Assam : A Fluvio-Geomorphological Enquiry , North Eastern Geographer Vol. 23, No. 1&2 pp. 52 – 60, 1991
- Edited Abstract on Relevance of Cultural Diversity in Conservation of Biodiversity in Conservation of Biodiversity with Reference to North East India ,Abstracts of UGC (NER) Sponsored Seminar Under COSIP , 1999
- Pattern of Drinking Water Availability and use in Assam : A Geo-Environmental Study, Abstract IIG and IGU Commission Meeting on Land Degradation and Desertification pp. 52 – 53 , 2001
- Pattern of Drinking Water Availability and use as Determinants in Urban Planning : A Case Study of Guwahati City, Assam, Proceedings of International Conference on Environmental Locational Decisions and Regional Planning, Geographical Society for North Eastern Hill Region Shillong , pp. 225-234, 2003
- Water Supply Problems and Management in the Guwahati City, Assam,(India) : A Case Study, VASUDHA, Journal of the Geographical Society , Andhra Pradesh, INDIA, Special Issue pp. 20 – 29 , 2003

- Strategy for Sustainable Development of Drinking Water in Guwahati City : A Geospatial Analysis, Abstract 1<sup>st</sup> International Indian Geography Congress on Development, Environment and Geoinformatics, pp.138-139, 2006
- Drinking Water Use in Guwahati City: A Plan for Sustainable Management Environments , Journal of the Society for Environmental Protection, Education & Research (SEPER), Vol. 2, No. 1, 2007, PP 1-8,2007
- Distribution of Wetlands in Guwahati: A Geographical Analysis, “Proceedings of UGC Sponsored Seminar on Wetland and Livelihood organized by J. N. College, Boko, 24<sup>th</sup> & 25<sup>th</sup>, 2008, pp70-82
- “Drinking Water Scenario of Guwahati: A Geoenvironmental Analysis” Abstract, UGC sponsored National Seminar on Population, Environment & Development in North East India held at Arya Vidyapeeth College, Guwahati-16 organised by Arya Vidyapeeth College Teachers’ Unit in association with Assam Science Society from 20 – 21 October, 2009, pp23-24
- Strategy for Sustainable Development of Drinking Water in Guwahati City: A Geospatial Analysis, Urban Environment and Geoinformatics , (Ed) Markandey K. and Simhadri. S. , Rawat Publications, Satyam Apts., Sector 3, Jawahar Nagar, Jaipur 302 004 (India) pp 204-216, 2009