

BIODATA

Name: DR. HRISHIKESH BARUAH
Designation: Associate Professor and Head
Specialisation: Sedimentary Petrology and Palaeontology
Areas of interest: Sedimentology, Palaeo and Neo Environmental studies, Disaster Management

Awards and Achievements:

1. Securing the first class first position in the B.Sc. (Geology), 1992 examination of the Gauhati University and, awarded for the same by the Jawaharlal Nehru Memorial Fund, Teen Murti House, New Delhi- 110011, (Ref.no. PUB-2021(41- 22)/9311570: 13th Dec.1993).
2. Securing the first position in the M.Sc. (Geology), 1994 (Held in 1995) examinations of the Gauhati University and awarded GOLD MEDAL for the same.
3. Awarded the PG Research scholarship for the year 1996-97 by the Government of Assam vide letter no.EX/SS/2/94/32 (3/3/97).

Teaching experience:

1. Worked as a part-time lecturer of Geology in Arya Vidyapeeth College, Guwahati from 22/11/1995 to 28/2/1997 prior to joining in a sanctioned vacancy on 11/10/1999.
2. Worked as a part-time lecturer in the Department of Geological Sciences, Gauhati University from March-May, 1998.
3. PG teaching under IGNOU for Post Graduate Diploma in Disaster Management.

Orientation / Refresher Course / School attended:

1. Participated in the 49th Orientation Program organised by UGC-Academic Staff College, Gauhati University from 21/10/2002 to 17/11/2002 and secured Grade - A.
2. Participated in the 4th Refresher Course on "Environment Education" organised by UGC-Academic Staff College, Gauhati University from 30/11/2005 to 20/12/2005 and secured Grade - A.
3. Participated in the 4th Refresher Course on "Mass Communication" organised by UGC-Academic Staff College, Gauhati University in Nov.-Dec. 2008 and secured Grade - A.
4. DST SERC School on Climate and Tectonics
2009, 27 May to 10 June 2009, Venue : SMIT, Rangpo, Sikkim
5. Short term Course on ICT and Soft Skills
February 2013 at UGC-Academic Staff College, Gauhati University.

Research projects carried out & Guidance:

1. MRP sponsored by the UGC vide Order No. F.5-95/2005-06 (MRP/NERO)/162 dated 25/10/2005.
Topic : "A comparative analytical account of the heavy mineral distributions in the lower Gondwana rocks of Singrimari, West Garo Hills district, Meghalaya and Elephant Flat area, Kameng district, Arunachal Pradesh."
2. MRP sponsored by the UGC vide Order No. F.5-77/2007-08 (MRP/NERO)/6244 dated 31/03/2008.
Topic : "Feldspar characteristics of the arenaceous Gondwana rocks along Khellong-Sisni section, West Kameng district, Arunachal Pradesh and, Rorathang-Pacheykhani area, East District, Sikkim."

3. Supervising dissertation in Post Graduate Diploma in Disaster Management (PGDDM) under IGNOU.
4. Recognised Ph.D. Research Guide of the University of Science and Technology, Meghalaya vide order no. USTM/REG/006-2012-179, Dated: 30/04/2012.
5. Recognised Ph.D. Research Guide of the Gauhati University vide order no. GU/AC/Ph.D./Guide.Recog/12/2104-07, Dated: 10/12/2012.

RESEARCH SCHOLAR:

Ms. Ranjeeta Kar working on the theme: 'Sedimentological, geochemical and petrological evaluation of the coal bearing Gondwana sequence along frontal Darjeeling Himalayas in and around Kalijhora, Darjeeling District, West Bengal.' since April 2013.

Past / Ongoing corporate responsibilities:

1. Member, UG Section of the Committee of Courses and Studies in Geological Sciences, Gauhati University since 2005.
2. Past Co-ordinator, Internal Quality Assurance Cell (IQAC), Arya Vidyapeeth College.
3. Past Secretary, Arya Vidyapeeth College Teachers' Unit.
4. Past Member, Governing Body, Arya Vidyapeeth College as Teachers' Representative.
5. Past In-Charge, Arya Vidyapeeth College Computer Cell
6. Co-ordinator, IGNOU Convergence Scheme, Arya Vidyapeeth College.
7. Syllabus reviewer and text book writer for Higher Secondary Council, Assam.
8. Academic Convenor, National Seminar on Population, Environment and Development of North East India' held at Arya Vidyapeeth College in October 2009.
9. Co-ordinator, IGNOU Study Centre, Arya Vidyapeeth College (Study Centre No.: 04177).
10. Convenor, Implementation of the Project, "College with Potential for Excellence".
11. Syllabus reviewer and text book writer for State Open School, Higher Secondary Council, Assam.
12. Convenor, Library Development, Arya Vidyapeeth College
13. Coordinator, Regional level Lecture Workshop on Modern Approaches of Field Geology sponsored by the Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad.

Academic Association:

1. Department of Geological Sciences, Gauhati University, Guwahati
2. Dr. R. J. Perumal, Scientist, Wadia Institute of Himalayan Geology, Dehradun
3. Member, The Geological, Mining and Metallurgical Society of India (FGMMS), Department of Geology, Calcutta University, Kolkata.
4. Indira Gandhi National Open University (IGNOU)
5. Assam Higher Secondary Education Council (AHSEC)
6. State Open School, AHSEC.

Research Papers

1. Mineralogy of the Tertiary sandstones occurring in and around Sylveta, Karbi Anglong district, Assam, India. {Edited by Prof.B.K.Sahu, I.I.T.Bombay}.
- # 1995, Bulletin of the Indian Geologists' Association, Chandigarh. vol.28,no.2, pp.111-122. **ISSN No. 0379-5098**

2. Petrography and Petrochemistry of the Prang Limestones occurring in and around Sylveta, Karbi Anglong district, Assam
1996, Bulletin of Applied and Pure Sciences, Section (F), New Delhi. vol.15 F(no.2), pp.55-62. **ISSN No. 0970-4639**
3. Petrographic Investigations of the Tertiary Sandstones around Tura, East Garo Hills, Meghalaya, India.
1996, Journal Indian Academy of Earth Sciences, Hyderabad. pp.1-9. **ISSN No. 0379-5160**
4. Study of Fossil assemblages embedded in Prang Limestone in an around Sylveta, Karbi Anglong district, Assam.
1997, Journal of Geosciences. Vol.2, pp. 67-72.
5. The Siwalik Basin of the Arunachal Himalayas : a case study
1997, Journal of the Nepal Geological Society. vol.18, pp.143-149. **ISSN No. 2091-0304**
6. Grain size analyses of the Tertiary sandstones occurring in and around Sylveta, Karbi Anglong district, Assam.
1998, Proceeding's Volume, Regional Seminar on Development of Geological Research in NE India. pp.101-122.
7. Strain Analyses of the Deformed Fossils from the Prang Limestones in and around Sylveta, Karbi-Anglong district, Assam, India.
1998, Bulletin of Pure and Applied Sciences, Section (F), New Delhi. Vol. 17 - J, pp.1-4. **ISSN No. 0970-4639**
8. Grain Size Analyses and Depositional Environment of the Tura Sandstones from Tura, East Garo Hills, Meghalaya.
1999, Journal of Geoscience. Vol.4, pp.43-54.
9. Textural attributes of the Singrimari Sandstones, West Garo Hills district, Meghalaya and Dhubri district, Assam.
2001, Journal of the Palaeontological Society of India. Vol. 46, pp.133-140. **ISSN No. 0552-9360**
10. Mineralogy and metamorphism of the Precambrian basement exposed in and around Singrimari, West Garo Hills district, Meghalaya and Dhubri district, Assam, India.
2001, Journal of Geosciences. Vol.5&6, pp. 39-47.
11. Petrographic attributes of the Singrimari Sandstones, West Garo Hills district, Meghalaya and Dhubri district, Assam.
2001, Journal Indian Association of Sedimentologists. Vol. 20, No.2. **ISSN No. 0970-3268**
12. Petrography and petrochemistry of the basic intrusives exposed in and around Singrimari, West Garo Hills district, Meghalaya and Dhubri district, Assam, India.
2003, Journal of the Current Sciences. vol. 3(1), pp.81-88. **ISSN No. 0972-6101**
13. Identification of Potential Groundwater Recharge Zones in the Guwahati Municipal Corporation areas using conventional and remote sensing techniques.
2005, Presented at the Workshop on Watershed Management in NE India; Organised by SEP-HRD (sponsored by ICSSR, New Delhi) at Guwahati. (Excerpts published by the Times of India and Dainik Janasadhan, 25/04/2005). Seminar Presentation
14. Records of some lower Gondwana plant fossils occurring in and around Singrimari, West Garo Hills district, Meghalaya and Dhubri district, Assam.
2005, Journal of Geosciences. Vol.9&10, pp. 31-36.

15. Occurrence of palyno-fossils in the Lower Gondwana rocks occurring in Singrimari area of West Garo Hills district, Meghalaya and Dhubri district, Assam.
2006, Bull. of GeoSciences, New Delhi. Vol II, pp. 9-17. **ISSN No. 0973-8142**
16. Structure and Geochemistry of amphibolites and related rocks from Chandrapur-Narengi area of Guwahati City, Kamrup district, Assam, India.
2006, Bulletin of the Indian Geologists' Association, Chandigarh. Vol 39 (1&2), pp. 29-39. **ISSN No. 0379-5098**
17. Geochemistry of the Gondwana Sandstones occurring in and around Singrimari, West Garo Hills district, Meghalaya and Dhubri district, Assam, India.
2007, Gondwana Geological Magazine. Vol.22(1), pp. 17-24. **ISSN No. 0970-261X**
18. Study of foraminifers from the Prang Limestone Member of the Shella Formation occurring in and around Sylveta area, Karbi-Anglong district, Assam.
2007, Bulletin of GeoSciences, New Delhi. Vol. III, pp. 1-6. **ISSN No. 0973-8142**
19. Price of Development : a case study of Noakhola Grant Village, Morigaon, Assam
2009, UGC sponsored National Seminar at Arya Vidyapeeth College, Guwahati. (Seminar Presentation).
20. Lithofacies and depositional environment of Gondwana rocks of Singrimari area, West Garo Hills district, Meghalaya and Dhubri district, Assam.
2012, International Journal of Physical Sciences - Ultra Scientist of Physical Sciences. Vol. 24, No. 3(B), pp.427-434. **ISSN No. 2231-3478**
21. Seismic Hazards in and around Guwahati city: Vulnerability of Educational Institutions.
2012, Challenges and preparedness for earthquakes in India. *Proceedings' Volume*, National Seminar on Challenges and Preparation for Earthquakes in India held at Guwahati; pp.120-134. **ISBN No. 978-81-923052-2-6.**
22. Fluoride in Groundwater of Guwahati: How to deal with this menace?
2013, *Proceedings' Volume* of National Seminar on Population, Environment and Development of North East India' held at Arya Vidyapeeth College. Publisher: Global Publishing House, Vishakhapatnam, Andhra Pradesh. **ISBN No. 978-93-81563-16-8.**
23. Retrospecting the tenets of environmental education in scriptures and its practice through ages.
2014, (Submitted to the Journal of Ecotheology, UK)

Books co-authored :

1. ***Petroleum and Coal* (ISBN NO. 81-7533-042-2) (Degree Level)**
1997, M.D Publications Pvt.Ltd., M.D.House, 11 Daryaganj, New Delhi. 139 pages.
- * Prescribed Reference Book of the Gauhati University for the degree level
 - * Listed in the ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND PACIFIC BIBLIOGRAPHY 2001 OF THE UNITED NATIONS in Bangkok, Thailand at INDEX NO. 00256
 - * The book 'Petroleum and Coal' is a reference book of M.Sc. Special Course (no. EBT509) 'Coal Science and Technology' under the Istanbul Technical University Energy Institute, Turkey. Source: www.energy.itu.edu.tr/dersler/ebt509_KBT.doc. ISTANBUL TECHNICAL UNIVERSITY ENERGY INSTITUTE, TURKEY. Website: <http://www.energy.itu.edu.tr/>
 - * Prescribed Reference Book of Course No. ENR 133 'Conventional Energy Infrastructure' of M.Tech (Renewable Energy Engineering and Management) Programme of the TERI University, New Delhi (www.teriuniversity.ac.in)

2. **Aamar Prithibikhan (OUR EARTH)** (School Level)

1997, Abhijatri Prakashan aru Mudran, Chenikuthi, Guwahati - 781 003. 32 pages.

3. **Prakritir Leela-Khela (ELEMENTS OF NATURE)** (School Level)

1997, Abhijatri Prakashan aru Mudran, Chenikuthi, Guwahati - 781 003. 35 pages.

4. **Environmental Studies** (Degree Level)

2005, Divya Prakashan, Guwahati - 781 001. 320 pages.

5. **Textbook of Geology - Part I** (10+2 Level)

2014, (In preparation for Assam Higher Secondary Education Council).

6. **Environmental Science** (10+2 Level)

2014, (In preparation for State Open School, Assam Higher Secondary Education Council).

Chapter in Books:

7. **Parivesh Bithika (in Assamese)** (Degree Level)

2005, Divya Prakashan, Guwahati - 781 001. 270 pages.

8. **Bipanna Parivesh, Sankatapanna Basundhara** (Ref. Book)
(in Assamese) (ISBN NO. 978-81-922965-0-0)

2011, (c) D. K. College, Mirza. 175 pages.

9. **Pariveshar Xamal Xambhar**

(Resource material for environmental studies for school teachers)

(Chief Editor: Dr. T. Dey, NERIE, NCERT)

2013, E-Book (can be accessed at: www.evsandassam.org)

Edited Book:

10. **Thoughts on Environment: with special reference to North East India.**

2013, *Proceedings' Volume* of National Seminar on Population, Environment and Development of North East India' held at Arya Vidyapeeth College. Publisher: Global Publishing House, Vishakhapatnam, Andhra Pradesh. ISBN No. 978-93-81563-16-8.

Articles:

1. Natural Hazards and Risks.

1997, Souvenir, 41st Conference, Assam Science Society. pp.68 -70.

2. Scientific Information and its utility in the Use and Planning of Land and Water Resources.

2002, ARYAN. vol. 39, pp.1-3.

3. Linking Rivers : Dreams and Realities

2003, Souvenir, 38th All Assam Banikanta Kakati Memorial Debate Competition. pp.7-9

4. Flood Hazards and the possible adjustments to make

2004, ARYAN. vol. 40, pp.77-78.

5. Linking Rivers : A North East India geo-environmental perspective

2005, Proceedings, Nat. Sem. on 'Problems and Prospects of linking Indian Rivers', Indian Science Congress Association, Guwahati. pp.26-27

6. Can we tame the Brahmaputra?

- # 2005, The Melange. vol. XXIII, pp.30-31.
- 7. Minerals and Mineral Resources of Assam
- # 2006, ENVIS, Assam; published by MoEF, Govt. of India & ASTEC, pp.5-6. **ISSN No. 0974-5106**
- 8. Joyful Learning
- # 2007, The Melange. vol. XXIV, pp.2.
- 9. Human Engineered Earthquakes
- # 2009, The Assam Tribune. vol. 71, no. 338, Dec. 13.
- 10.Hazards and Vulnerability
- # 2009, 'Koshandika'. A.V. College Golden Jubilee Commemorative Souvenir
- 11.Using the Earth as a Weapon
- # 2010, The Assam Tribune. vol. 72, no. 139, May. 24.
- 12.Downstream Impacts of Dams
- # 2010, The Assam Tribune. vol. 72, no. 296, Nov. 1.
- 13.Understanding watershed hydrology for effective natural resource management.
- # 2011, **Extended Article** in the Training Manual on Environment Management Framework (EMF) & Environment Code of Practice (ECP) under Assam Agriculture Competitiveness Project (AACP) of the Govt. of Assam. Prepared by Action for Food Production (AFPRO), pp.59-70.
- 14.Gemology: Significance and Prospects
- # 2011, 'Career and Jobs'; Handbook published by Career Counselling and Placement Cell, Arya Vidyapeeth College; vol. 1, pp.13-17.
- 15.Environmental Impact Assessment.
- # 2011, ARYAN. vol. , pp. .
- 16.Raise your voice, not the Sea level
- # 2014, Pobitora. vol.-IV. Souvenir, World Environment Day celebrations at Pobitora.

Seminars / Workshops / Trainings attended:

1. Annual Technical Session of Assam Science Society. (Regional Seminar)
- # 1995, 16th. December, Venue - AAU, Khanapara, Guwahati-781022.
2. Regional Seminar on Development of Geological Research in North-east India.
- # 1996, 5-6 April, Venue - Gauhati University, Guwahati-781014.
3. Second Nepal Geological Congress. (International Seminar)
- # 1997, 11-13 November, Venue - National Administrative Staff College, Kathmandu. Nepal.
4. XV CONVENTION OF THE INDIAN ASSOCIATION OF SEDIMENTOLOGISTS.
- # 1998, 18-20 November, Venue - Department of Geological Sciences, Gauhati University. Guwahati - 781 014. (National Seminar)
5. National Workshop on NE GEODYNAMICS, Dibrugarh University.
- # 1998, 21 November, Venue - Department of Applied Geology, Dibrugarh University.
6. 14th GMM of DST
- # 2003, 8th February, Venue - Pondicherry University, Pondicherry.

7. DST sponsored Regional Workshop on X-Ray Diffraction and X-Ray Fluorescence
2003, 10-13 November, Venue - SAIF, USIC, Gauhati University.
8. Indo-Canadian Workshop on Society, Culture and Environment (International Workshop)
2005, 7-10 March, Venue - Assam University, Silchar.
9. National Seminar on 'Problems and Prospects of linking Indian Rivers', Indian Science Congress Association, Guwahati. (National Seminar)
2005, 28 March, Venue - Gauhati University.
10. Workshop on 'Watershed Management Programmes on Socio-Economic development in the NE Region. (National level Workshop)
2005, 23-24 April, Venue - LandMark Hotels, Guwahati. Organised by SEP-HRD (sponsored by ICSSR, New Delhi)
11. Strengthening Quality Collegiate Education after Provincialisation : An Analysis
2007, 3 February, Venue - Bajali College, Pathsala. (Regional Seminar)
12. National Seminar on Population, Environment and Development of North East India' held at Arya Vidyapeeth College in October 2009. (National Seminar)
13. Big Dam Consultations in NE India. Organised by CEE and held at Pragjyotika Cultural Centre, Guwahati on 10 Sept. 2010. (Regional Seminar)
14. Workshop on Technology Integration in College Teaching. Organised by i-CAT, IGNOU and held at Handique Girls' College, Guwahati on 5-6 Feb. 2011. (Regional Workshop)
15. Workshop on Integrated Water Resource Management. Organised by Central Ground Water Board - NER and held at Institute of Engineers, Guwahati on 4 March. 2011. (Regional Workshop)
16. National Seminar on Challenges and Preparation for Earthquakes in India held at Maniram Dewan Trade Centre, Guwahati on 17-18 December 2011.
17. National Seminar on Statistics and its applications. Organised by the Departments of Statistics, Arya Vidyapeeth College and Dibrugarh University and held at Arya Vidyapeeth College, Guwahati on 3-4 February 2012.
18. Symposium of Effective Teaching. Organised by the Department of Education, Arya Vidyapeeth College under CPE Scheme of the UGC and held at Arya Vidyapeeth College, Guwahati on 21 May 2012. (Local Symposium)
19. Industry Academia Workshop On "Upstream Geology&Geophysics" (Exploration and Production of Oil & Gas Perspective). Organized jointly by Oil India Limited, Petroleum Federation of India and Lovraj Kumar Memorial Trust. Dates: March 7-9,2013, Venue: MTDC OIL Duliajan
20. National Seminar of the Assam Science Society at the Cotton College State Open University in May 2014.

Services Rendered:

1. The Assam Administrative Staff College, Khanapara for coaching Civil Services aspirants in 2001 as a Guest faculty.
2. BiTa Geotechnical Consultancy, Guwahati - 781 008 for acting as a Geological Consultant.
3. SRG Services Ltd., Guwahati - 781 008 for acting as a Geological Consultant in 2004.
4. Don Bosco Institute (DBI), Guwahati - 781 001 for acting as a Geological Consultant in 2005.
5. Kasturba Ashram National Memorial Trust to act as a Resource Person in a Workshop on Solid Waste Management sponsored by MoEF, Govt. of India under National Environment Awareness Campaign, 2005-2006 on 28 March 2006.

6. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for Training of Master Trainers of KVS, NVS and CBSE affiliated independent Schools on New Textbooks developed by NCERT following new NCF, 2005 on 18-19 August 2006.
7. Assam Science Society to act as an Evaluator in the National Children Science Congress Oral Presentation Competition to select the State Team for the National Championship. The event was held in Tihu from 28-31 October 2006 and was supported by DST, GOI.
8. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for Training of Elementary Teacher Educators of NE States on Environment Education and Disaster Mitigation at Kaliabor College of Education, Nagaon on 7 March 2007.
9. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for Training of DIET and SCERT faculties on use of Educational Technology in general and in the study of Geography at Guwahati from 19 to 22 March 2007.
10. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for development of questionnaire for the research activity aimed at development of science teaching at secondary level in the NE states at Shillong on 26 July 2007.
11. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person in the training programme of secondary science teachers of NE states at Shillong on 23 August 2007.
12. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for Training of Master Trainers of KVS, NVS and CBSE affiliated schools on utilisation of new EVS textbooks at Shillong 30 August 2007.
13. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for development of TLM for classroom transaction of Science and Mathematics concepts at elementary level of NE States at Shillong 2 December 2007.
14. Pandu College NSS Unit in collaboration with District Administration, Kamrup for delivering a lecture on Disaster Management at Pandu College on 29 December 2007.
15. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for a workshop on development of supplementary material on environment education based on study of factors causing environment degradation in Jagiroad region, Assam at Arya Vidyapeeth College, Guwahati on 16-17 January 2008.
16. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for Orientation of Teacher Educators on ET based classroom transaction of Science and Mathematics concepts at elementary level of NE States at Shillong 18 January 2008.
17. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for training of Master Trainers in teaching of Science and Mathematics for the state of Tripura at Agartala from 9 to 15 March 2008.
18. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for training of Master Trainers in teaching of Science and Mathematics for the state of Meghalaya at DERT, Shillong on 28 March 2008.
19. NSS Unit Pandu College to deliver a talk on Disaster Management on 15 July 2008.
20. North East Regional Institute of Education (NERIE), NCERT, Shillong to act as Resource Person for training of Master Trainers in teaching of Science and Mathematics for the state of Assam at SCERT, Guwahati from 25 to 31 Aug. 2008 in Environment Studies.
21. 1st Assam Bn. NCC to deliver a lecture on "Environment : The Role of Youth" to all the NCC Cadets from different Colleges of Guwahati. The programme was held on 20 August 2010 at Guwahati.
22. Assam Science Technology and Environment Council (ASTEC) to act as a Jury Member in the National Children Science Congress Oral Presentation Competition to select the Kamrup Metropolitan District Team for the State Championship. The event was held in Guwahati on 12 Sept. 2010.

23. Office of the Deputy Commissioner, Kamrup Metropolitan District, Govt. of Assam to act as a Jury Member in the district level activity of Arya Bhatta Science Centre, Kamrup Metropolitan District in Guwahati on 4 Nov. 2010.
24. Resource Person in Environmental Studies at Workshop on Technology Integration in College Teaching. Organised by i-CAT, IGNOU and held at Handique Girls' College, Guwahati on 5-6 Feb. 2011.
25. Resource Person in Assam Agriculture Competitive Project (AACP) training of Agriculture Officials, Govt. of Assam on the theme 'Understanding watershed hydrology for effective natural resource management' at Directorate of Agriculture, Guwahati on 21 May 2011.
26. Assam Science Technology and Environment Council (ASTEC) to act as a Jury Member in the National Children Science Congress Oral Presentation Competition to select the Kamrup Metropolitan District Team for the State Championship. The event was held in Guwahati on 4 Sept. 2011.
27. Team member for development of resource material for Environmental Studies integrating art and culture of Assam in Assamese language - a NCERT-IGNOU Project. Workshops held at NECRD (IGNOU), Guwahati from 2 to 4 Nov. 2011, 19 to 21 Dec. 2011 and 17 to 19 April 2012.
28. Resource Person in an Interactive Meet entitled 'Sustainable Development envisioning the future of Humanity through Education and Outreach' organised by Global Initiative for Sustainable Development and Planning (GISDP) at NECRD, IGNOU on 23 May 2012.
29. Resource Person in B. Barooah College, Guwahati and delivered a lecture on the occasion of International Disaster Reduction Day on October 13, 2012.
30. Acted as a Jury Member in the Regional level National Children Science Congress Oral Presentation Competition of KVS. The event was held in KV-IIT, Guwahati on 2-3 Nov. 2012.
31. Acted as a Judge in inter-district debating competition on mega dam issue organised by Lanka Mahavidyalaya, Nagaon on 11 January 2013.
32. Acted as a resource person in the World Environment Day celebration interactions at the Pobitora Wild Life Sanctuary, Pobitora on 5 June 2014.
33. Jury Member in the National Children Science Congress Oral Presentation Competition to select the Kamrup Metropolitan District Team for the State Championship. The event was held in Guwahati on 17 June 2014 at Guwahati Planetarium.
34. Resource person in NCERT project to develop Earth Science educational kit for NCERT. Workshop held at Arya Vidyapeeth College from 22 to 24 July 2014.