



Name: Miss Shukla Acharjee

Designation: Assistant Professor

NASA-AERONET- PI

NASA South Asia Land Cover Landuse Change Science Team Member

Nodal Officer – Swachh Bharat Mission (Gramin), Dibrugarh University (2015-present)

Nodal Officer – UNICEF Dibrugarh University (2015-present)

Nodal Officer - Unnat Bharat Abhiyan Dibrugarh University (2018-present)

Nodal Officer, Swachh Bharat Internship Scheme (SBSI) of Swachh Bharat Abhijan (Gramin) launched by MHRD, Government of India, (2018)

Nodal Officer – DST Vigyan Jyoti Scheme, Dibrugarh University (2020-present)

Department/Centre: Centre for Studies in Geography

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homepage : <https://www.dibru.ac.in/index.php/list-of-users/userprofile/shuklaacharjee>

Google Scholar page : <https://scholar.google.com/citations?user=3LPtDEcAAAAJ&hl=en>

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Linkedin: <https://www.linkedin.com/in/shuklaacharjee/?originalSubdomain=in>

Research Disciplines: Earth surface processes, fluvial systems, landuse and landcover and Disaster Management

Education Qualification:

06.12.10	Ph.D Thesis entitled: Studies of fluvio-geomorphology, soil, land use and floodprone area mapping of the Bhogdoi (Disai) River Basin, Assam (using Remote Sensing & GIS Supervisors: Prof. J.N. Sarma (Department of Applied Geology, Dibrugarh University, Dibrugarh) & Dr.M. Konwar (Department of Geography, DCB Girls College, Jorhat), 2006 -2010
1993-1995	Master of Science, Cotton College, Guwahati. Dissertation entitled: Textural parameters of fluvial sediments of two different microenvironment of Rengbeng River, Kathiatali, Nagaon, Assam India
2001-2002	P.G. Diploma in Rural Development, IGNOU, Gauhati University Assam, India
Jun to Dec 2003	Certificate in Disaster Management, IGNOU, Gauhati University Assam, India
2015	Disasters and Ecosystems: Resilience in a Changing Climate, Iversity, Bernau bei Berlin, Germany, MOOC (Massive Open Online Courses)
2015	Climate Change: Challenges and Solutions, FutureLearn, University of Exeter, Devon, and Falmouth, Cornwall, UK, online course
June 8 to June 29, 2015	Remote sensing observations for Flood management, Certificate Course (Online) NASA Applied Remote Sensing Training (ARSET), nasa.gov.in
Sep 1st to Nov 13th 2015	Sustainable Water ManagementPart I: Principles and Concepts for a Water Management Framework, Certificate Course (Online) Cap-Net UNDP
3 Sep to 19 Oct2018	Water Education for Sustainability, Certificate Course (Online) Cap-Net UNDP
April 29, 2020	Certificate course on Imagine Artificial Intelligence Improving Your Remote Sensing, Organiser: Barbaree Duke, Direction magazine
Jun 10 2020	Certificate course on How to Design your GIS for Today and Beyond, Organiser: Lynette Quaglia, Direction magazine
June 24, 2020	Certificate course on How to Build Dynamic Geospatial Applications: A better DX for a Better UX, Organiser: Lynette Quaglia, Direction magazine
July 1, 2020	Ceritificate course on Top 5 New Features in ArcGIS Urban, organizer: Lynette Quaglia, Direction Magazine
Aug 5, 2020	Certificate in Multidimensional Analysis: Trends, Prediction and Change Detection, Organiser: Lynette Quaglia, Direction Magazine.
20 th May to 1 st July 2020	Certificate course on Comprehensive Disaster Risk Management Framework, Global Facility for Disaster Reduction and Recovery and National Institute of Disaster Management, Inida

Professional Experience:

SI. No.	Designation	Organization	From	To
1	Assistant Professor	Dibrugarh University	Feb 2010	till date
2	Part time faculty	Centre for Studies in Journalism and Mass Communication, Dibrugarh University	1 st Aug , 2017	31 st Dec, 2017.
3	Part time faculty	Centre for Tea and Agro Studies(PGDTTPM), Dibrugarh University	Feb 2016	Till date
4	Lecturer (Part time)	Dibrugarh University	Aug 2008	Jan 2010
5	JRF	Dibrugarh University	13.1. 2009	4.2. 2010
6	Technical Assistant	Dibrugarh University	5.7.2007	31.8.2008
7	Project Assistant	DCB Girls College, Jorhat	1.3.2004	31.12.2006
8	TGT Geograohy	Shankar dev Vidya Niketan, Sophy Mercy Memorial and Kendriya Vidyalaya School	Jan 1997	Nov 2005

Awards and Recognitions

26 th Sep 2020	Won a minimum score of 10 award in Data Labeling Contest for identifying cloud pixels in Sentinel-2 scenes to enable the development of an accurate cloud detection model from multispectral data organized by Radiant Earth Foundation.
7-9 Nov. 2019	Invited as a NASA SARI member to International Science meeting on Sustainable Forestry in South Asia – Current Status, Science and Conservation Priorities, organized as a joint effort of the NASA’s LCLUC Program, the Global Observation for Forest and Land Cover Dynamics (GOFC-GOLD) Program, the International System for Analysis Research and Training (START) Program, Virginia Tech, SARI, SERVIR, TERI School of Advanced Studies, 10, Vasant Kunj Institutional Area, New Delhi 110078.
July 22-24 th , 2019	Invited as a NASA SARI member to attend and present research paper to NASA International meeting entitled “Land Use/Cover Changes, Environment and Emissions in South/Southeast Asia – An International Regional Science Meeting”, Johor Bahru, Malaysia
Dec 3-4 th , 2018	Invited to attend as a NASA SARI member to International workshop and training entitled “Hands-on workshop with Google Earth Engine”, Nepal, the International System for Analysis Research and Training (START) Program

- 30th September, 2018 Invited as a evaluator in the 26th National Children's Science Congress, 2018, a programme of National Council for Science and Technology Communication, Department of Science and Technology, Govt. of India, District level Children's Science Congress, Assam 4rbanizat by Assam Science Technology and Environment Council (ASTECC), Bigyan Bhawan, Guwahati and District 4rbanizati Committee, Dibrugarh District, held at Lahowal College, Lahoal
- 29th January, 2018 Invited to participate in the workshop on National Information System on Climate and Environmental Studies (NICES) orgnised by NESAC, NRSC and Cotton University (CU) at CU campus, Guwahati.
- 31st March to 4th April 2017 Invited as honourable speaker by the Deputy Commissioner cum Convenor, Sivasagar, Special project team, Government of Assam for a seminar on the topic "Conservation of Brahmaputra" organized in connection with Namami Brahmaputra Festival, at Desangmukh, Sivasagar.
- 8th – 13th January 2017 Invited as a Mentor by the organizing team of Winter School at Dibrugarh University from jointly organized by Dibrugarh University and TISS, Guwahati.
- 13th-16th October, 2016 Invited as an Evaluator by the Director, ASTEC under Department of Science and Technology, Govt. of Assam & President, State Organizing Committee in the National Children's Science Congress (NCSC) 2016 in Assam at Dibrugarh University
- Jan 10-14 2013 Invited to the International Science meeting and training organized as a joint effort of the NASA's LCLUC Program, the Global Observation for Forest and Land Cover Dynamics (GOFD-GOLD) Program, the International System for Analysis Research and Training (START) Program, the Monsoon Asia Integrated Regional Studies Program (MAIRS), the University of Maryland, the Centre for Water Resources Development and Management (CWRDM, Calicut, Kerala), Karunya University (Coimbatore, Tamil Nadu), Travel Grant to attend NASA LCLUC meeting (2013) at Coimbatore, India.
- 13-17 Aug'2012 Department of Science and Technology (DST) Travel Grant to present paper (2012) AOGS – AGU (WPGM) Joint Assembly 2012 at the Resorts World Sentosa in Singapore.
- 26th-29th May, 2011. Received a Letter of Appreciation from the Organizing Committee for valuable contribution as a Rapporteur and in organizing the International Seminar on "River, Society and Sustainable Development" at Dibrugarh University
- 25th October, 2007 Presented a Project proposal entitled "A study of fluvio-geomorphology, soil, land use and flood prone area mapping of Disai River Basin, Jorhat, Assam" under Women Scientists Scheme-B (WOS-B), Science and Society Division at Indian Institute of Chemical Biology, 4 Raja S C Mulick Road, Jadavpur, Kolkata – 700 032
- 15-17 Feb 2007 Conference on "Current Trends in Remote Sensing and GIS Applications" organized by Department of Geology & Geophysics, Indian Institute of Technology, Kharagpur, – was awarded First Prize in poster presentation
- May 22, 2006 Presented a Project proposal entitled "A study of fluvio-geomorphology, soil, land use and flood prone area mapping of Disai River within Jorhat District, Assam" under Women Scientists Scheme-A (WOS-A) before the subject Expert Committee on Earth and Atmospheric Sciences at Indian Institute of Geomagnetism, Navi Mumbai – 410218
- 2 to 4 December 2005 27th Indian Geography Congress, P.G. Department of Geography & Geoinformatics, Jnanabharati, Bangalore University, Bangalore, - was among the five research paper entitled "Radar image and calibration : A technical perspective" selected for Young Geographer Award and was invited for oral presentation
- May 30 – 31, Presented a Project Proposal entitled " Flood prone area mapping and river migration studies of East Siang And Lower Dibang

2003	Valley districts, Arunachal Pradesh using Remote Sensing and GIS” under Women Scientist Scheme – A (WOS-A), before the Subject Expert Committee on Earth and Atmospheric Sciences at Indian Institute of Tropical Meteorology (IITM), Pashan, PUNE-411008
From 2013	Editor of Asian Journal of Spatial Science , Centre for Studies in Geography, Dibrugarh University
Peer Reviewer of international journals	<ol style="list-style-type: none"> 1. Journal of Environment, Development and Sustainability, Springer 2. Elsevier Journal of Environmental Management (JEMA), 3. Elsevier Environmental Pollution – Special Issue: Air Pollution in Asia 4. African Journal of Environmental Science and Technology 5. Journal of Agricultural Extension and Rural Development (JAERD), 6. International Journal of Geoinformatics, 7. African Journal of Agricultural Research 8. Arabian Journal of Geosciences, Springer 9. Elsevier, Remote Sensing Applications: Society and Environment
Committee Memberships	<ol style="list-style-type: none"> 1. International Association of Hydrological Sciences (IAHS), Life Member, Membership No. 9549 2. Indian Water Resources Society (IWRS) Life Member, Membership No. LM-09-7076 3. Society of Earth Scientist (SES), Fellow Member, Fellowship No. is F/ 398 4. Indian Journal of Geomorphology (IJOG), Life Member, Membership No. LM-452 5. Society for Studies in Spatial sciences since 2013

Complete list of publications including referred or otherwise journals **with or without impact factor.**

Sl.No Paper

-
- 2000**
- 1 Shukla Acharjee** and R. Saikia, Textural parameters of fluvial sediments of two different microenvironment of Rengbeng River, Kathiatali, Nagaon, Assam, Bulletin of Indian Geologists’ Association, Chandigarh vol. 33, no.1, pp. 35 – 40, Semiannual,ISSN: 0379-5098
- 2005**
- 2 Shukla Acharjee & M. Konwar**, Application of Remote Sensing and GIS in Flood Management in the Proceedings of XXVII Indian Geography Congress (NAGI), funded by ISRO, Dept. of Space, Govt. of India – Bangalore, Dept. of Geography, Bangalore University, Bangalore-56, pp. 21 – 26
- 2007**
- 3 M. Konwar, Shukla Acharjee & D. Chetia**, Morphometric Analysis of Bhogdoi River, Jorhat, Assam” published in Annals of the National

Association of Geographers, India, Vol. XXVII, No. 1, pp. 78 – 84, ISSN : 0970-972X.

2009

- 4 **Shukla Acharjee, S. Saikia and A. Phukan**, Quantitative analysis of watershed geomorphology and flood management: A study of Disai Drainage basin and stream networks, Jorhat, Assam”, published in the proceedings of National seminar on Strategy for resource functioning of the India’s North-East: A geographical perspective, on the occasion of 25th biennial conference of North-East India Geographical Society, sponsored by UGC, organized by Dept. of Geography, N. N. Saikia College, Titabor, Assam pp. 43-51

2011

- 5 J. N. Sarma, **Shukla Acharjee** and C. Gogoi, Application of DEM, Remote Sensing and Geomorphic studies in identifying a Recent [or perhaps Neogene?] upwarp in the Dibru River Basin, Assam, India”, published in the Journal of Indian Society of Remote Sensing, Springer, DOI 10.1007/s12524-011-0115-1, 39 (4), pp 507-517,. ISSN: 0255-660X (Print), 0974-3006 (Online)
- 6 **Shukla Acharjee** and J. N. Sarma, Lineament extraction and hot spring zones demarcation in and around Tawang, Arunachal Pradesh, North East India, India”, published online in the volume of challenge papers, DIGITAL GLOBE 8-Band challenge, 1601 Dry Creek Drive, Suite 260, Longmont, CO 80503,
- 7 **Shukla Acharjee**, P. Devi, R. Taw, S. Bora and S. Basak, Solid waste management-A far cry for the residents of Sivasagar town” published in the proceedings of U.G.C sponsored State Level Seminar on Solid Waste Management organized by IQAC, DDR College, Chabua in collaboration with Pollution Control Board, Assam, held on 23rd May 2011 at Chabua College, Tinsukia, Assam, pp. 73-88,

2012

- 8 J. N. Sarma and **Shukla Acharjee**, Neotectonics and bank erosion of the Brahmaputra River around Rohmorja, Assam, India” Ms. Ref. No.: CG11-025-2708, *Comunicações Geológicas*, the official journal of LNEG – National Laboratory for Energy and Geology (Portuguese Geological Survey), Estrada da Portela – Zambujal – Alfragide, Apartado 7586 2720-866 Amadora, 99-1, pp 33-38, ISSN: 1647-581X *versão impressa*,
- 9 B. Nath, **Shukla Acharjee** and A. K. Mitra, “Lake configuration and change detection studies using remote sensing and GIS techniques” International Journal of Lakes and Rivers (IJLR), Research India Publication, Delhi-110089, . Volume 5, Number 2 , pp. 75-89, **ISSN:0973-4570**
- 10 **Shukla Acharjee** and J. N. Sarma, A study of wetlands and their role in geoecological environment of the Bhogdoi basin, Jorhat, Assam, using remote sensing and GIS” in International Journal of Physical and Social Sciences, New Grain Market, Jagadhri, Yamuna Nagar, India, October, Volume 2. Issue 10, pp. 310 to 323, ISSN: 2249-5894
- 11 J. N. Sarma and **Shukla Acharjee**, A GIS based study on bank erosion by the river Brahmaputra around Kaziranga National Park, Assam, India” Published by Copernicus Publications on behalf of the European Geosciences Union Earth Syst. Dynam. Discuss., 3, pp. 1085–1106, 2012 www.earth-syst-dynam-discuss.net/3/1085/2012/ doi:10.5194/esdd-3-1085-2012 © Author(s) 2012. CC Attribution 3.0 License.
- 12 **Shukla Acharjee**, M. Changmai, S. Bhattacharjee and J. Mahanta, Forest cover change detection using Remote Sensing and GIS – A case study of Jorhat and Golaghat district of Assam” in International Journal of Environment and Resource, Science and Engineering Publishing Company, Indiana, Volume 1, Issue 2, pp. 45 to 49, ISSN: 2324-6995 (Print), 2324-7029 (Online)

2013

- 13 Beejata Das and **Shukla Acharjee**, A Study on the Utilization and Conservation of Forest Resources of Assam in International Journal of Physical and Social Sciences, New Grain Market, Jagadhri, Yamuna Nagar, India, October, Volume 3. Issue 2, pp. 134 to 144, ISSN: 2249-5894 (Online)
- 14 Beejata Das and **Shukla Acharjee**, Problems and Prospects of Cultural Tourism: A case study of Assam, India in International Journal of Physical and Social Sciences, New Grain Market, Jagadhri, Yamuna Nagar, India, April, Volume 3. Issue 4, pp. 455 to 462, ISSN: 2249-5894 (Online)
- 15 **Shukla Acharjee**, Uttam Goswami and Ranjan Saikia Visual change detection study of some of the urban areas of Assam, India using Remote Sensing INTERNATIONAL JOURNAL OF GEOMATICS AND GEOSCIENCES Volume 3, No 3, 2013 pp 500-510, ISSN: 0976 – 4380
- 16 **Shukla Acharjee** River change detection and the role of Remote Sensing and GIS” in the Nature, Culture and Society, A Research Journal of Critical Geography, Society for Studies in Spatial Science, Department of Geography, Sibsagar Girls’ College, Sivasagar, India, Vol. 1, Issue 1, pp. 3-8, ISSN 2321 -6158.
- 17 B. Nath and **Shukla Acharjee**, Urban Municipal Growth and Landuse Change Monitoring Using High Resolution Satellite Imageries and Secondary Data, A Geospatial Study on Kolkata Municipal Corporation, India, Journal of *Studies in Surveying and Mapping Science (SSMS)*, American Society of Science and Engineering, 29 S 3RD ST, PO Box 98 WEST TERRE HAUTE, IN 47885, Vol. 1, Issue 3, pp. 43 – 54, ISSN: 2328-6245 (Print) ISSN: 2328-6253 (Online)
- 18 N. Mili, **Shukla Acharjee** and M. Konwar, Impact of flood and river bank erosion on socio-economy: A case study of Golaghat revenue circle of Golaghat district, Assam, International Journal of Geology, Earth & Environmental Sciences, Online International Journal Available at <http://www.cibtech.org/jgee.htm>, Vol.3 (3), pp.180-185, ISSN:2277-2081 (Online).
- 19 J.N. Sarma, R.K. Sarmah, C. Gogoi and **Shukla Acharjee**, Geomorphology and Lithofacies association of Quaternary morphostratigraphic surfaces of a part of Tinsukia district, Assam” published in the Journal of Earth Science, special volume on Multidisciplinary approach in Sedimentary basin studies, Department of Applied Geology, Dibrugarh University, Dibrugarh, pp. 151-161, ISSN: 2347-8942 (Print)
- 20 U. Goswami and **Shukla Acharjee**, Drainage analysis in a part of the Lower Subansiri basin, North-East India” published in the Journal of Earth Science, special volume on Multidisciplinary approach in Sedimentary basin studies, Department of Applied Geology, Dibrugarh University, Dibrugarh, pp. 162-167, ISSN: 2347-8942 (Print).
- 21 B. Nath and **Shukla Acharjee**, Forest Cover Change Detection using Normalized Difference Vegetation Index (NDVI) : A Study of Reingkhongkine Lake’s Adjoining Areas, Rangamati, Bangladesh” Journal of the Indian National Cartographic Association, Hyderabad – 500 039, Volume 33, pp. 348-353
- 22 **Shukla Acharjee**, J. N. Sarma and Nitashree Mili Morphotectonic analysis of Disai River basin, Jorhat, Assam (India) using Remote Sensing and GIS approach, Asian Journal of Spatial Science, vol- 1, pp 53-66

2014

- 23 N. Mili, and **Shukla Acharjee**, The Importance of Geomorphology in Understanding Natural Hazards with Special Reference to Hazards of The Dhansiri River Basin in The Golaghat District of Assam, India, Global Perspectives on Geography (GPG) Volume 2, pp. 1-6, ISSN:

2328-2320 (Print) 2328-2339 (Online).

- 24 N. Mili, and **Shukla Acharjee**, Urbanisation in Dibrugarh District: an important driver of environmental degradation, Asian Journal of Spatial Science, vol- 1, pp57-67
- 25 N. Mili, and **Shukla Acharjee**, Conservation and Management of Wetlands in Pandihing Bird Sanctuary of Sibsagar District, Assam, Frontiers in Environmental Engineering (FIEE) Volume 3 Issue 1, pp. 1-6, ISSN: 2326-5779 (Print) 2326-5787 (Online).
- 26 T. Bibikova, **Shukla Acharjee**, I. Vishnevskaya, Water Security in an Urban Change, published in proceeding volume in Water Resources, Ecology, and Hydrological Safety, 8th International Scientific Conference of the Young Scientists and Talented Students; June 25-27, 2014; Water Problems Institute Russian Academy of Sciences Moscow, Russian Federation; Proceeding of the conference. Moscow, IWP RAS, 2014, P. 22-25
- 27 T. Bibikova., **Shukla Acharjee**, I. Vishnevskaya, J. Pouraghniaei J., A. Niazi, X. Yan Water Supply in an Urban Change, published in proceeding volume in the session on Panta Rhei Symposium on Modeling hydrological processes and changes”, The 3rd Remote Sensing and Hydrology Symposium (RSHY14) & 3rd International Conference of GIS and Remote Sensing in Hydrology, Water Resources and Environment (ICGRHWE14) held in Guangzhou, China, August 24-27, 2014
- 28 Kulasegaram Partheepan and **Shukla Acharjee**, Spatial connectivity of the natural drainage system (in the watershed) of Batticaloa lagoon, Sri Lanka, Directions Magazine India, <http://www.directionsmag.in/articles/spatial-connectivity-of-the-natural-drainage-system-in-the-watershed-o/376278>.
- 29 Kulasegaram Partheepan, Tharshini Partheepan and **Shukla Acharjee**, Database Application for Urban Poverty Management by using Geo Information Technology in Eastern Province of Sri Lanka, Geospatial World Magazine online at <http://geospatialworld.net/Paper/Application/ArticleView.aspx?aid=31250>
- 2015**
- 30 B. Nath, **Shukla Acharjee**, A.K. Mitra, D. Majumder and B. Murgante, A Geospatial approach to determine Lake Depth and Configuration of Reingkyongkine (Pukur Para) Lake, Rangamati Hill District, Bangladesh with Multi-Temporal Satellite data” Journal of Environment Accounting and Management , L&H Scientific Publishing, LLC, 3(3) pp. 243-258 ISSN 2325-6192, eISSN 2325-6206/\$, DOI:10.5890/JEAM.2015.03.003
- 31 J. N. Sarma, **Shukla Acharjee** and B. Murgante, Morphotectonics study of the Brahmaputra basin using geoinformatics, Journal of Geological Society of India, Vol-86, Sep-2015, pp. 324-330
- 32 N. Mili, and **Shukla Acharjee**, A qualitative assessment of extent of the problem and its probable impact as a result of destroying hills in the south-eastern part of Dhansiri River Basin (S), Asian Journal of Spatial Science, vol- 3, pp 77-89
- 2016**
- 33 Davidson. E. Egirani, Mohamed. T. Latif, Nanfe. R. Poyi and **Shukla Acharjee**, Study Of Water Resources and Planning In Parts of the Niger Delta Region of Nigeria-Paper1. Journal of Basic and Applied Research International, 15(4): 250-26 online
- 34 Bibikova. T, **Shukla Acharjee**, I. Vishnevskaya Urbanization and wetland change detection” for publication in the journal “Ural Ecological Bulletin” (ISSN 2410-5279). This journal is printed in Russian

- 35 U. Goswami and **Shukla Acharjee**, Anabranches of the Subansiri in Assam, India: the unsolved enigma of an alluvial river published in South East Asian Journal of Sedimentary Basin Research, (ISSN 2320-6829), Society of Petroleum Geophysicists, Dibrugarh University Chapter, Society of Petroleum Geophysicists, India, SEAJSTR 2-3-4(1) (2016) 13-22, Joint Volume
- 36 **Shukla Acharjee**, Do peak discharge day radarsat images enhance the palaeo channels signature? Research • April 2016, DOI: 10.13140/RG.2.1.4227.3685 , 2016-04-17 T 15:57:09 UTC
- 2017**
- 37 Davidson E Egirani ,Napoleon Wessey, **Shukla Acharjee**, Characterization and Geochemical Modeling of Cu and Zn Sorption Using Mineral Systems Injected with Iron Sulfide: Case Study of Mine Waste Water, Wales, United Kingdom, in International Journal of Applied Chemistry 2(1):3-23
- 38 Davidson E. Egirani , Mohamed T. Latif , Nanfe R. Poyi , Napoleon Wessey **Shukla Acharjee**, SYNTHESIS AND CHARACTERIZATION OF KAOLINITE COATED WITH CU-OXIDE AND ITS EFFECT ON THE REMOVAL OF AQUEOUS MERCURY (II) IONS: PART I International Research Journal of Chemistry and Chemical Sciences Vol. 4(1), pp. 055-061,
- 39 Davidson E Egirani ,Napoleon Wessey, Nanfe. R. Poyi, **Shukla Acharjee**, SYNTHESIS AND CHARACTERIZATION OF GOETHITE COATED WITH COPPER OXIDE AND ITS EFFECT ON THE REMOVAL OF AQUEOUS MERCURY(II) IONS, Journal of Taibah University for Science, Taylor & Francis
- 40 Davidson E. Egirani , Mohamed T. Latif , Nanfe R. Poyi , Napoleon Wessey, **Shukla Acharjee**, Effect of Zn-Oxide Coating on the Adsorption of Aqueous Arsenite, Journal of King Abdulaziz University (KKU), Journal of Basic and Applied Sciences, Vol 3, 1 (2017) 18-25 3(1):18-25
- 2018**
- 41 J.N. Sarma and **Shukla Acharjee**, A Study on Variation in Channel Width and Braiding Intensity of the Brahmaputra River in Assam, India , Geosciences 2018, 8, 343; doi:10.3390/geosciences8090343, MDPI journal
- 42 Davidson E. Egirani , Mohamed T. Latif , Nanfe R. Poyi , Napoleon Wessey **Shukla Acharjee**, Synthesis of Zinc Oxide Activated Acor Montmorillonite and Its Performance on the Removal of Mercury Ions from Aqueous Media Open Access Journal of Chemistry Volume 2, Issue 4, 2018, PP 36-44, ISSN 2637-5834, Sryahwa Publications
- 2019**
- 43 Rituraj Neog, **Shukla Acharjee**, Jiten Hazarika, Evaluation of spatio-temporal pattern of surface urban heat island phenomena at Jorhat, India, May 2019, Arabian Journal of Geosciences 12(10), DOI: 10.1007/s12517-019-4484-z, ISSN: 1866-7511 (Print) 1866-7538 (Online).
- 44 Davidson E. Egirani , Mohamed T. Latif , Nanfe R. Poyi , Napoleon Wessey, **Shukla Acharjee**, Synthesis and characterization of kaolinite coated with copper oxide and its effect on the removal of aqueous Lead(II) ions June 2019, Journal of Applied Water Science, Springer, 9:109, 1-9, DOI: 10.1007/s13201-019-0989-6 with ISSN: 2190-5487 (Print) 2190-5495 (Online)
- 2020**
- 45 Rituraj Neog, Biman Lahkar, Juri Baruah, **Shukla Acharjee**, Bijoy Shankar Gogoi, Borakha Sonowal, Dimpal Dutta, Dimpee Chetia, Jyotishma Baruah, Madhusmita Gogoi, Minakshi Patar, Rajoshree Borah & Tulika Das An infrared thermography-based study on the

variation in diurnal and seasonal land surface temperature at Dibrugarh city, India. *Model. Earth Syst. Environ.* (2020). <https://doi.org/10.1007/s40808-020-00772-3>

- 46** Rituraj Neog, **Shukla Acharjee**, Jiten Hazarika, Spatiotemporal analysis of road surface temperature (RST) and building wall temperature (BWT) and its relation to the traffic volume at Jorhat urban environment, India October 2020, Environment Development and Sustainability, DOI: 10.1007/s10668-020-01047-8

Books published: ISBN no./ Name of the book/ Publisher/ Year of publication

Sl.No.	Book published ISBN no.	Name of the Book	Publisher	Year of publication
1	978-3-8484-2870-0	Hydro-Geomorphological Study of the Bhogdoi River Basin, Assam”	LAP (LAMBERT Academic Publishing) GmbH & Co. KG, Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany	2012
2	978-93-83252-87-9	Introduction to Remote Sensing and GIS	Eastern Book House	2016

Book chapter written: ISBN no./ Name of the book/ Publisher/ Year of publication

Sl.No.	Book published ISBN no.	Name of the Book	Publisher	Year of publication
1	978-81-89218-23-2	Shukla Acharjee and M. G Waghmare.Rainwater harvesting and Northeast India: A Simple and Cheapest method Chapter-5	UNESCO sponsored 22 nd National Convention of Environmental Engineers & Seminar on Rainwater Harvesting and Water Management, Nagpur	2009
2	978-3-319-24940-7, 32296	Kulasegaram Partheepan, Selvarajah Thayanath, Shukla Acharjee , Beniamino Murgante, Remote Sensing and Geo-Informatics Approach in Watershed Planning of Irrigation Tanks Connected with Batticaloa Lagoon: A Case Study of Unnichchai Watershed	Space and Time Visualisation Springer International Publication	2016
3		Shukla Acharjee , Arnab Sarma, Beniamino Murgante and Himangshu Bailung, A Community and GIS Based Approach to save The Great One-Horned Rhino in	Springer LNCS ICCSA	2016

4	978-953-51-5823-3.	Kaziranga National Park, Assam, India” Biswajit Nath, Zheng Niu and Shukla Acharjee , Pre-earthquake anomaly detection and assessment through lineament changes observation using multi-temporal Landsat 8-OLI imageries: case of Gorkha and Imphal” in the book under the working title Multi-purposeful Application of Geospatial Data,	InTech – Open science	2018
5	978-93-88645-34-8.	U. Goswami and Shukla Acharjee Morphological Studies of three alluvial rivers of the North Brahmaputra plains of Assam, India	Flood, Erosion and Big Dam Issues, Assam College Teachers Association, Solapur, Guwahati	2019

Papers presented (**Not participated**) with **title, date, venue, funding agency**

Sl.No.	Paper Presented (Title) State	Date
1	Presented a paper on “Solid waste management-A far cry for the residents of Sivasagar town” in the U.G.C sponsored State Level Seminar in collaboration with Pollution Control Board, Assam, held at DDR College, Chabua	23 rd May 2011
2	Presented a paper on Land use & Land cover change detection of Dibrugarh District, Assam using GIS in 23 rd Annual Conference of the Indian Institute of Geomorphologists (IGI) and National Seminar on Global Environmental Change: Geomorphological Issues and Challenges held in the Department of Geography, Gauhati University, Guwahati (Assam)	November 20-22, 2010
3	Presented a paper on “The National Slogan ‘Education for All’ and the role of Assam Sarba Siksha Abhijan – a study of Sibsagar district” in the National Seminar on Social Sector Development in North East India held in the Department of Economics, Dibrugarh University,	11 th March, 2011
4	Presented a paper on “Forest cover change detection using Remote Sensing and GIS – A case study of Jorhat and Golaghat district of Assam” in the National Seminar on Recent Trends in Social Science Research in North-East India organized by the Department of Sociology, Dibrugarh University, Dibrugarh, Assam	25 th March, 2011
5	Presented a paper on “Satellite derived Digital Elevation Model: An aid to geological mapping of a part of Mikir Hills” in the National Seminar on Multidisciplinary approach in Sedimentary basin studies, Department of Applied Geology, Dibrugarh University, Dibrugarh sponsored by UGC, New Delhi and CSIR, New Delhi,	15 th -16 th March 2012
6	Presented a paper on “Drainage Analysis in a Part of the Lower Subansiri Basin, North East India” in the National Seminar on Multidisciplinary approach in Sedimentary basin studies, Department of Applied Geology, Dibrugarh University, Dibrugarh sponsored by UGC, New Delhi and CSIR, New Delhi,	15 th -16 th March 2012

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| 7 | Presented a paper on “Geomorphology and Lithofacies association of Quaternary morphostratigraphic surfaces of a part of Tinsukia District, Assam” in the National Seminar on Multidisciplinary approach in Sedimentary basin studies, Department of Applied Geology, Dibrugarh University, Dibrugarh sponsored by UGC, New Delhi and CSIR, New Delhi, | 15 th -16 th
March 2012 |
| 8 | Presented a paper on “Socio-economic status of Women workers in the Tea Gardens: A case study of two selected Tea Gardens of Dibrugarh District, Assam” in the National Seminar on Socio-Economic status of Women in North-East India: Issues and Challenges, Department of Economics, Moran Mahila Mahavidyalaya, Moranhat, Sivasagar, Assam sponsored by ICSSR, New Delhi, | 20 th -21 th Jan
2014 |
| 9 | Presented a paper on “Flood hazard vulnerability analysis and risk assessment at the flood plain of Buri Dihing basin: A Study on West Revenue Circle of Dibrugarh District” in the National seminar on Application of geospatial technology in rural development, 12rbanzat by NIRD-NERC, Guwaha | 7-8 January 20 |
| 10 | Presented a paper on “Gender issues in rural development: the role of women“ in the National Seminar on Poverty, Inequality and Economic Development in India, Department of Economics, Dibrugarh University, Assam sponsored by UGC SAP DRS – III, New Delhi, | 29 th March
2016 |
| 11 | Presented a research paper entitled “Drainage Pattern and drainage anomalies of Dhasirir (S) River basin“ in the seminar cum Annual Academic Session of NEIGS, organized by the Department of Geography , Bajali College Pathsala. | 29 th April 2017 |
| 12 | Presented a paper on “ <i>Assessment of Diurnal and seasonal variability pattern of Surface Heat island Phenomena(SUHI) at Jorhat, Assam</i> ” in a XI International Geographical Union commission Seminar (IGU) organized by Dept. of Geography, B. Boruah College, Guwahati, | 8-10 Feb, 2018 |
| 13 | Presented a paper on <i>Dynamic change of Wetland landscape pattern along the course of river Dhansiri South</i> ” in a XI International Geographical Union commission Seminar (IGU) organized by Dept. of Geography, B. Boruah College, Guwahati, | 8-10 Feb, 2018 |
| 14 | Presented a paper on “landuse and land cover change detection by using GIS and Remote Sensing: A case study of Dhansiri basin” in the 40 th Indian Geography Congress 2018, National Seminar on climate variability, vulnerability and resource management strategies for sustainable development and geospatial technologies, organized by National Association of Geographers, India, hosted by Department of Geography, Rajiv Gandhi University, Arunachal Pradesh, | 29 th to 31 st
October 2018 |
| 15 | Presented a paper on “Declination of Hierarchical Geospatial changes of Wetland in different hydrological paradigm using water presence frequency approach in Barind tract of West Bengal” in the National Seminar on Harnessing Wetlands for Sustainable Livelihood organized by Assam Science Technology & Environment Council (ASTECC) in collaboration with Cotton University, Guwahati, sponsored by Department of Science & Technology, Govt. of Assam. | 26-27
November,
2018 |
| 16 | Presented a paper on “ Mesmerizing merbil: the unique biodiversity” in the National Seminar on Science, Society and sustainable development (SSS-19), organized by Science Departments under DBT Star College Scheme, Advance Level Biotech Hub, Jawaharlal Nehru College, Boko, Kamrup, Assam, supported by Assam Science Technology and Environmental Council (ASTECC), Department of Science and Technology, Govt. of Assam, in collaboration with Aaranyak, Botanical Society of Assam (BSA), Zoological Society of Assam (ZSA), UGC-HRDC, Gauhati University, | 3 rd and 4 st
May, 2019 |

Assam Academy of Mathematics, .

International

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| 17 | Presented a paper on Bank Erosion and Bankline Migration of the Brahmaputra River in Dibrugarh District, Assam in International Geographical Union (IGU) Commission Seminar on Land Use, Biodiversity and Climate Change, Dept. of Geography, Cotton College, Guwahati., | December 11-13, 2010 |
| 18 | Presented a paper on “A GIS based study on bank erosion by the river Brahmaputra around Kaziranga National Park, Assam, India”, accepted in international seminar on River, Society and Sustainable Development, at Dibrugarh University, Dibrugarh, | 26 th – 29 th May, 2011 |
| 19 | Presented a paper on “Anabranches of the Subansiri in Assam, India: the unsolved enigma of an alluvial river accepted in international seminar on River, Society and Sustainable Development, at Dibrugarh University, Dibrugarh, | 26 th – 29 th May, 2011 |
| 20 | Presented a paper on “Forest Cover Change Detection of a part of Tawang District, Arunachal Pradesh, India using Geoinformatics” in the International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications which was organized by Department of Economics & Department of History, C.K.B College, Teok, Jorhat, Assam, | 21 st , 22 nd , 23 rd August 2014 |
| 21 | Presented a paper on “A Community and GIS Based Approach to save The Great One-Horned Rhino in Kaziranga National Park, Assam, India” in the International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications which was organized by Department of Economics & Department of History, C.K.B College, Teok, Jorhat, Assam, | 21 st , 22 nd , 23 rd August 2014 |
| 22 | Presented a paper on Forest Cover change in North east Inida, an International Land Cover/Land Use Changes (LC/LUC) Regional Science Team Meeting in South and Southeast Asia, Yangon, Myanmar (Burma), | 01/12/2016:
01/18/2016. |
| 23 | Presented a paper on Land Use and Landcover Change in North East India, in NASA Land Cover/Land Use Change – South/Southeast Asia Research Initiative (SARI) meeting in Johor Bahru, Malaysia, | July 22-27 th , 2019 |

List of **completed Projects**: Title/ Amount 13rbanizat/ Funding agency/ year of sanction and year of completion.

Sl.No.	Completed Projects (Title)	Amount mobilized	Funding Agency	year of sanction and year of completion
1	National <u>As Project Assistant</u> Disaster management system with reference to flood in Disai River Basin, Jorhat, Assam,	₹ 13,56,000.00	NRDMS, DST, New Delhi	Mar, 2004-Dec, 2006

2	<u>As Junior Research Fellow</u>	₹ 51,65,600.00	DST, New Delhi	Jul, 2007- Feb, 2010
	A study on Quaternary geology and role of Neotectonics along with drill core sampling for an integrated study of the alluvial plain between the Noa Dihing and Burhi Dihing Rivers in the Brahmaputra Valley, Assam,			
3	<u>As Co-Principal Investigator</u>	₹ 7,81,500.00	UGC, New Delhi.	July 2012 – July 2015
	A GIS based study of the changes in the morphology of the Subansiri River in Assam, India brought about by the Lower Subansiri Mega Dam Project”, F. No. 41- 1022/2012(SR) Dtd. 23.07.12			
4	<u>As Project Team Leader</u>	₹ 16,665.00	UGC, New Delhi.	April 2015 to March 2016
	Sustainable Power generation”,			
5	<u>As Project Team Leader</u>	₹ 2,44,200.00	UGC, New Delhi.	April 2015 to March 2016
	GPS aided GIS mapping of each household living in the active flood plain of the river Brahmaputra on the northern part of Dibrugarh town”,			
6	<u>As Project Team Leader</u>	₹ 1,02,300.00	UGC, New Delhi.	April 2015 to March 2016
	GPS aided GIS mapping of witch hunting cases in Upper Assam districts”,			
7	<u>As Project Team Leader</u>	₹ 2,09,500.00	UGC, New Delhi.	April 2015 to March 2016
	Promoting Climate Resilient Majuli”			
8	International			
	Research proposal entitled “Lineament extraction and hot spring zones demarcation in and around Tawang, Arunachal Pradesh, North East India, India” is accepted and submitted to DIGITAL GLOBE 8-Band challenge, 1601 Dry Creek Drive, Suite 260, Longmont, CO 80503			
9	<u>Principal Investigator</u>	₹ 6.8 crores	National Aeronautics and	7.9.16 – till date

NASA Aeronet

Space Administration
(NASA), Goddard Space
Flight Center in
Greenbelt, Maryland

List of Equipments purchased under completed projects: Cost / year of purchase/ present status (working/ not working).

Sl.No.	Equipments purchased under completed projects	Cost	Year of purchase	Present status (working/ not working)
1	5 No. Hand held Garmin GPS	₹ 72,000	2016	Working
2	3 No. Soil Moisture Meter	₹ 24,000	2016	Working
3	1 Soil Testing Kit	₹ 19,000	2016	Working
4	3 No. Desktop Computer	₹ 99,000	2016	Working
5	1 No. Canon colored Printer	₹ 11,200	2016	Working
6	1 no. Nikon Cool pix Camera with tripod	₹ 23,050	2016	Working
7	1 no. Ammeter	₹ 200	2016	Working
8	1 No. Sound system with two microphone	₹ 8,850	2016	Working

Ph. D. Supervised (completed): name of the scholar/ Title of the Thesis/ Year of award of degree.

Sl. No.	Name	Topic	Status (On-going /Completed)
1	Mr. Rituraj Neog, 15.6.15 – 13.3.2020	Pattern of urban growth and 15rbanization in Jorhat district of Assam	Completed

Ph.D. under progress: name of the scholar/ Title of the Thesis.

Sl. No.	Name	Topic	Status (On-going /Completed)
1	Rajib Tarani Das From 19.3.1019	Assessment of Spatio-temporal Vulnerability in Deepor Beel of Assam	Eco-environmental On-going

Internship Program Supervision for international students

15/9/16 – 15/2/17 **Dr. Vania Wassel**, Master degree in International Cooperation and Development' Universidad Polite'cnica de Vale'ncia, Spain Title: WASH interventions and well-being of women and adolescent girls in the tea plantations of India: a comparative case study of Ghoronia and Singlijan Tea Estates in Dibrugarh, Assam”

Internship Program Supervision for Indian students

01/4/17 – 31/05/17 **Mr. Madhurjya Madhab Dutta**, 3rd Semester (PG), Symbiosis Institute of Geoinformatics, Symbiosis International University, Pune. Title: Geomorphic and Hydrologic studies of Burhi Dihing Basin, Assam using remote sensing and GIS

01/7/16 – 24/07/16 **Mr. Abhilash Borah**, 3rd Semester (UG), Indian Institute of Science Education and Research (IISER), Kolkata Title: A Study of the Lohit River Change Dynamics and its Effects in the surrounding villages using Remote Sensing & GIS

Invited Lectures: Topic/ Venue/ date

Sl.No.	Topic	Venue	Date
1	Remote Sensing Technique and GIS and GPS	D.H.S.K College, Dibrugarh, Assam,	Feb. 2010
2	Remote Sensing Technique and GIS and GPS	D.H.S.K College, Dibrugarh, Assam	19/02/ 2011
3	Methods and Technique in Geomorphology	D.H.S.K College, Dibrugarh, Assam	11/Oct/2014
4	Application of GIS, RS and GPS”	Centre for Studies in Geography, Dibrugarh University	18 th February,2017
5	Application of Geospatial Technologies”,	Centre for Studies in Geography, Dibrugarh University	26 th -31 st March, 2017
6	Remote Sensing, GIS and GPS	Department of Geography, D.H.S.K College, Dibrugarh, Assam	6 th March 2017
7	Digital Cartography	Department of Geography, D.H.S.K College, Dibrugarh, Assam	24 th April 2017
8	Remote Sensing Technique and its application in Geographical studies	D.H.S.K College, Dibrugarh, Assam	9 th April 2016
9	Application of Remote Sensing in Petroleum Exploration	Department of Petroleum Technology, Dibrugarh University, Assam	25 th May 2016

Workshop/ Refresher Course/ Orientation /training attended: to be updated: Duration/ Date/ Place

Sl.No.	Workshop/ Refresher Course/ Orientation attended	Duration	Date	Place
1	National Workshop on “Geodynamics and Natural Resources of North Eastern India” organized by Wadia Institute of Himalayan Geology, Dehradun	4 days	19 -22 December 1998	Department of Applied Geology, Dibrugarh University, Assam
2	DST sponsored workshop on “Fluvial Geomorphology of Ganga basin with special reference to floodplains”	5 days	3 – 7 April 2000	Department of Civil Engineering, Indian Institute of Technology, Kanpur
3	Training on Remote Sensing Technologies and its Application,	3 months	8 th June to 30 th August 2005	National Remote Sensing Agency, Balanagar, Hyderabad
4	DST sponsored workshop on “Workshop on Existing tools and related mapping softwares in Geological, Seismological, Geomorphological, Remote Sensing and GIS Applications”	2 days	6 th & 7 th December, 2007	Department of Geology, University of Delhi
5	Twenty one days training on Application of Remote Sensing & Geographical Information System (GIS) in Land evaluation for land use planning,	21 days	10 th January to 30 th January 2011	National Bureau of Soil Survey & Land Use Planning (ICAR), Regional Centre, Jorhat, Assam
6	UGC sponsored National Level Training-Cum-Workshop on Sensitizing towards Disaster Management in Collaboration with Office of the Controller of Civil Defense Sivasagar, Assam,	2 days	17 th -18 th February, 2012	Department of Geology, Gargaon College, Sivasagar, Assam
7	One day training session on “Remote Sensing and Geospatial Technologies for Land Cover and Land Use Change studies and applications” conducted by NASA Land-Cover/Land-Use Change Program, Centre for Water Resources Development and Management, International START Secretariat, Monsoon Asia Integrated Regional Study and the University of Maryland	1 day	14 th January, 2013	Karunya University, Coimbatore, India
8	Three days training on Introduction to ArcGIS Desktop 10.1 with Spatial Analyst conducted by ESRI India	3 days	06 th March to 08 March 2013	Department of Applied Geology, Dibrugarh University, Dibrugarh
9	NASA Remote Sensing Observations for Flood Management,	21 days	8 th June to 29 th June 2015.	NASA, Applied Remote Sensing Training (ARSET)
10	Remote Sensing and Geospatial Technologies for Land Cover and Land Use Change Studies and Applications	3 days	January 16 th and 18 th , 2016,	University of Yangon, Yangon.

Presented by NASA Land-Cover/Land-Use Change program, University of Yangon and the University of Maryland College Park Hosted by the Department of Geography, University of Yangon, Yangon.

11	Awareness training on “Off-grid Solar Technologies” supported by National Institute of Solar Energy (NISE)	3 Days	26 th -28 th 2017	Feb,	Dibrugarh University Institute of Engineering & Technology (DUIET), Dibrugarh, Assam
12	Attended international workshop and training entitled “Hands-on workshop with Google Earth Engine”, Nepal. The training is being held as a part of South/Southeast Asia Research Initiative activities in collaboration with several international partners from Nepal and East West Center, Hawaii, USA.	2 days	December 2018	3-4 th ,	Nepal
13	Attended international workshop and training entitled “NASA Land Cover/Land Use Change Program and SARI Advanced Training in Remote Sensing and Geospatial Technologies”	3 days	July 25 to 27, 2019		Universiti Teknologi Malaysia
14	Using the UN Biodiversity Lab to Support National Conservation and Sustainable Development Goals	14 days	March 24, 31 & April 7, 2020		NASA’s Applied Remote Sensing Training Program (ARSET)
15	Forest Mapping and Monitoring with SAR Data	9 days	May 12, 14, 19 & 21, 2020		NASA’s Applied Remote Sensing Training Program (ARSET)
16	An Inside look at how NASA Measures Air Pollution	2 days	May 26 & 28, 2020		NASA’s Applied Remote Sensing Training Program (ARSET)
17	Attended e-conference on Climate Change, Environmental Health and Sustainable Development Goals in Post Covid-19 world	2 days	4 & 5 June 2020		University School of Environment Management, Guru Gobind Singh Indraprastha University, New Delhi
18	International Webinar on Applications of Geospatial Technology	15 days	11 – 25 th 2020	June	Amity Institute of Geoinformatics and remote Sensing, Amity University, Noida, UP, India
19	International Virtual Symposium on Geoethics	1 Day	14 June		International Association Promotion of Geoethics, India Chapter in collaboration with National Institute of Disaster Management and Amity University, Haryana

20	Virtual International Workshop on Unconventional Resources: Shale Gas & CBM Exploration & Exploitation	2 days	25 th & 26 th June 2020	Department of Petroleum Engineering and Earth Sciences, UPES, Dehradun, India and Department of Geosciences, University of Texas Permian Basin, USA.
21	National Webinar on Advances in Geospatial Science & technology	5 days	26 th June to 30 th June 2020	Amity Institute of Geoinformatics and remote Sensing, Amity University, Noida, UP, India
22	Online round table conference on Geographical Perspective of Water Resources: Issues and Challenges	1 Day	16 th July 2020	Russian Geographical Society and National Association of Geographers, India
23	Climate Change and Extreme Weather Events	1 day	4 th August 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with India Meteorological Department, Ministry of Earth Sciences, Govt. of India
24	Online Webinar on Prime Minister Agenda Point No.9 to ensure that the opportunity to learn from disaster isn't wasted – Transforming Disaster's Challenges into Opportunities	1 day	15 th Sep 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and National Disaster Management Authority, Ministry of Home Affairs, Govt of India.
25	Geo-spatial Applications in Disaster Management	1 day	6 th Oct 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and IIT, Tirupati
26	Online training programme on space technology in disaster management	3 day	7 th to 9 th October 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with NRSC, ISRO, Dept of Space, Govt of India.
27	Satellite remote sensing for Urban Heat Islands	3 days	November 10, 17, & 24, 2020	NASA's Applied Remote Sensing Training Program (ARSET)
28	Urban Flooding: Challenges to Solutions	1 day	28 th Dec. 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with the India Water Partnership (IWP)

Administrative Assignments:

1. Faculty In-charge, Remote Sensing lab, Centre for Studies in Geography, Dibrugarh University, Dibrugarh.
2. Superintendent of Practical Examination (2010), Centre for Studies in Geography, Dibrugarh University, Dibrugarh.
3. Member, Committee of Courses (2008-present) to prepare new syllabus of M.A/ M.Sc. in Geography, Centre for Studies in Geography, Dibrugarh University, Dibrugarh.
4. Member, Committee of Courses (2010- present) to prepare new syllabus of B.A/B.Sc. (H) in Geography, Centre for Studies in Geography, Dibrugarh University, Dibrugarh.
5. Paper setter DUPGET – 2012 – till date
6. Member, Committee to prepare Time Table of M.A/ M.Sc. Geography course.
7. Coordinator, NET coaching Geography (2012 –present)
8. Presiding Officer, DUPGSU Election 2015
9. Examiner/Scrutinizer/Head Examiner for the B.A. 5th Semester Evaluation-cum-Scruntiny Zone, 2017, Duliajan College zone
10. Committee Member of the university for organizing the Sixty Ninth Republic Day (2018)