

## Personal Profile

(for website update)

1. Name of the Teacher: **Dr. Biman Patowary**
2. Department: Geography
3. Designation: Associate Professor
4. Email ID: [bimanpatowary@gmail.com](mailto:bimanpatowary@gmail.com)
5. Date of joining: 01/06/1991
6. Area of specialization: Geomorphology, Regional Planning
7. Number of Ph. D/ M. Phil guided ( If any):

- Number of scholars pursuing Ph. D/ M. Phil: 01
- Number of scholars awarded Ph. D/ M. Phil: 0
- Number of Scholars registered for Ph. D/ M. Phil: 0

8. Name of the Universities Recognized as Ph.D. Guide:

- i) University of Science and Technology, Meghalaya
- ii)

9. List of Publication:

Category	Book Title		Authors	Publishers with ISBN/ISSN
Books Authored	I	Elements of Practical Geography	Dr. Biman Patowary, Dr. Dharma Ram Deka Dr. Ananda Das	Bina Library, Guwahati-1
	li	Prathamik Byawaharik Bhugol Bijyan	Dr. Biman Patowary, Dr. Dharma Ram Deka Dr. Ananda Das	Bina Library, Guwahati-1
Books Edited	I	Interpreting Heritage: A Discourse on Heritage at Risk	Dr. Biman Patowary Dr. Nizara Hazarika	Purbanchal Prakah, Guwahati-6 ISBN: 987-81-7213-231-6
	li	Social Equity and Sustainable Development	Dr. Biman Patowary Dr. Nizara Hazarika	Olympia Prakashan. Guwahati ISBN: 978-81-931547-3-1
	lii	Challenges of Environment and Development in North East India	Dr. Biman Patowary	Olympia Prakashan. Guwahati ISBN: 978-81-931548-3-0
Articles/ Chapters Published in Book	I	'Saga of Riverine Culture' in <i>Barnil Sanskriti'</i> The Vibrant Culture	Dr. Biman Patowary	<i>Sri Sri Auniati Satra</i> ISBN:978-81-923168-3-3 Ed.: Dr. Dinesh Baishya
	li	<i>'Lalilang Geetot Pratifolita Digaru Poriya Artho Samajik Dix Aru Kichu Prasaongik Chinta'</i> in <i>Lalilang: Eti Samikhya</i>	Dr. Biman Patowary	Dimoria College, Khetri ISBN 978-81-922887-6-5



	iii	'Water Resource Availability and Utilization in Digaru River Basin, Assam' in Conservation and Management of Natural Resources in North East India	Dr. Biman Patowary	Department of Geography Gauhati University, Guwahati ISBN 978-81-939705-0-8 Ed.: Dr. Dhrubajyoti Saharia  Dr. Prasanta Bhattacharya
	iv	'Endangering the Status of Dong due to Land Use Change and its Impact on Flood Water Discharge: A Case Study of Bordong Basin of Sonapur Revenue Circle of Assam, Using Remote Sensing Data' in FLOOD EROSION AND BIG DAM ISSUES	Dr. Biman Patowary	Assam College Teachers Association ISBN978-93-88645-34-8  Ed.: Dhanjit Deka Rajat Subhra Paul

10. List of presentation' in Seminar/ Workshop/ Conference etc.

Sl. No	Title of the Research Paper	Author/s & Date of Conf./Seminar	Name of Seminar/Conf./ Workshop/ FDP
1	Impact of Human Interference on River Channel: A Case Study of Digaru River Basin, Assam	Biman Patowary 6-8 December, 2004	UGC Sponsored National Seminar Biennial Conference of NEIGS At Tezpur College, Tezpur
2	Bank Erosion due to Sand Quarrying in River Channel: A Case Study of Digaru River Basin	Biman Patowary 26-28 December, 2006	National Seminar XIX IGI National Conference RCFOR-HG, University of Jammu
3	Socio-economic Hazard due to Mushroom Growth of Brick Kiln and Brick Field: Digaru River Basin =a Case Study	Biman Patowary 15-16 May, 2007	UGC Sponsored National Seminar Biennial Conference of NEIGS Tinsukia College, Tinsukia
4	Application of Fournier Model of Sediment Yield for Estimation of Soil Erosion in Digaru River Basin, Assam	Biman Patowary Asraf Ali 24-25 August, 2007	UGC Sponsored National Seminar B.K.B. College, Puranigudam
5	Human Resource Dimension in Sustainable River Basin Area Development: A Case Study of Digaru Rivr Basin, Assam	Biman Patowary 28-29 September, 2007	UGC Sponsored National Seminar Nowgong Girls' College, Nagaon
6	Estimation of Soil Erosion in Digaru River Basin, Assam Using Fournier Model of Sediment Yield	Biman Patowary Asraf Ali 28-30 November, 2008	National Seminar 21 <sup>st</sup> IGI National Conference Tripura University, Tripura

7	Significance of Micro-level Analysis of land-use, Land-cover Change in Sustainable Development: A Case Study of Barkhat village of Sonapur Revenue Circle, Assam using Cadastral Map.	Dr. Biman Patowary 18,19 December, 2009	National Seminar, Cotton College, Ghy. Theme: Changing Face of Geography and challenges Ahead.
8	Morphometric Classification and Delineation of Morphometric Regions in Digaru River Basin, Assam	Dr. Biman Patowary 20-22 November, 2010	National Seminar 21 <sup>st</sup> IGI National Conference Department of Geography, Gauhati University
9	Assessment of Soil Erosion with Respect to Changing Land Use Land Cover: A Comparative Analysis in Burhiganga and Lower Digaru Basin, Assam (India)	Dr, Biman Patowary 11-13 December, 2010	International Seminar IGU Commission Seminar on Land Use, Biodiversity and Climate Change
10	Hazardous Consequences of Brick-Kiln-Brick- Field in Digaru River Basin: A Threat to Social and Economic Sustainability.	Dr, Biman Patowary 8,9 January, 2010	UGC Sponsored National Seminar Dimoria College, Khetri, Assam
11	Sand Mining in Digaru River, Assam: A Critical Analysis from Geomorphic and Economic Perspective	Dr, Biman Patowary 10-11 January, 2011	UGC Sponsored National Seminar Department of Geography, Nowgong College
12	An Appraisal of the Water Resource Availability in Digaru River Basin, Assam and its Utilization for Agriculture	Dr, Biman Patowary 18-19 February, 2012	UGC Sponsored National Seminar Deptt. of Economics, B. Barooah College, Guwahati, Assam
13	Life and Survival of Dong: A Traditional Water Harvesting System of Sonapur and Dimoria area.	Dr, Biman Patowary 28 May, 2012	INTACH Sponsored National Seminar Sonapur College, Sonapur
14	Social Equity in Gandhian Thought: A Case Study of Assam Gandhi Smarak Nidhi, Tetelia, Assam	Dr, Biman Patowary Dr. Gitima Kalita 26, 27 June, 2013	UGC Sponsored National Seminar on Social Equity and Sustainable Development: A Quest for Opportunity and Expectations IQAC, Sonapur College

#### 11. List of other publications:

Sl. No	Title of the Research Paper/ Article	Author/s Date of publication	Name of the Publication and publisher
1	Impact of Human Interference on River Channel: A Case Study of Digaru River, Assam	Biman Patowary Oct.-2006	My Green Earth: A Journal on Society and Environment

2	Whither Folklore, Socio-Cultural, Indigenous Technology and Traditional Knowledge: A Quest for Sustainable Development	Biman Patowary Octo.,2009	Dimoriar Saurav: Books on Socio- Cultural Elements of Dimoria Region Published by Dimoria College, Khetri
3	<i>Pranochal Toi Pranor Digaru...</i>	Biman Patowary March,13,2010	<i>Enajori</i> : Saturday Supplement of Asomiya Pratidin, Assamese Daily
4	<i>Herai jaba neki Digaru.....</i>	Dr. Biman Patowary March,20,2010	<i>Enajori</i> : Saturday Supplement of Asomiya Pratidin, Assamese Daily
5	Human Interference and Environmental Change in Digaru River Basin, Assam	Dr. Biman Patowary July, 2011	ENVIS, Assam, ASTEC News Letter ISSN: 0974-5106
6	Significance of Availability and utilization of Land for Sustainable River Basin Development, Digaru River Basin A Case Study	Dr. Biman Patowary February, 2012	Sona Sofia, A Collection of Research Paper, Sonapur College ISBN: 978-81-920862-5-5
7	Water Resource Management for Sustainable River Basin Development: An Appraisal of Water Resource use for Agriculture in Digaru River Basin, Assam	Dr. Biman Patowary December, 2013	Sona Sofia, A Journal of Sonapur College ISSN: 978-81-920862-5-5
8	Myths and Mores of Digaru River: A Saga of Riverine Culture'	Dr. Biman Patowary September, 2014	<i>India Education News Letter</i> : Regd. No. GUJENG 01135/06/1/3013-TC
9	Land use Changed Its Implications on Sustainability of Dong: A Case Study in Bardong Basin of Sonapur Using Remote Sensing Data	Dr. Biman Patowary June, 2016	Sona Sofia, A Collection of Research Paper, Sonapur College ISSN: 978-81-920862-5-5
10	Boichitramoi Prakriti aru Sampadar Prachurjyare Sambriddha Digaru Noi	Dr. Biman Patowary April, 2017	<i>Bhowgolika</i> , Vol. XXIX, Journal published by North East India Geographical Society
11	Estimation of Soil Erosion Rate from the Knowledge of Relief and Climate in Digaru River Basin, Assam using Fournier Model of Sediment Yield	Dr. Biman Patowary Dr. Asraf Ali March, 2019	Research Journal of Social and Life Sciences Vol. XXVII-II

12. **Research Project:** Completed one UGC Sponsored Minor Research Project titled, “*Geo-environmental Significance of Dong, a Traditional Water Harvesting System in Digaru River Basin and the Threat to its Sustainability due to Human Interference with special reference to Bardong Sub-Basin*”

13. External Member/ Office Bearer of any Academic Body/ Society/Forum/Association/ /etc:

- Executive Council Member, North East India Geographical Society (NEIGS)
- Life Member, Indian Institute of Geomorphologists
- Life Member, Indian National Trust for Art and Cultural Heritage (INTACH)

14. Ph D Research Topic: **Geo-environmental Status and Strategies for Sustainable Development in Digaru River Basin, Assam**

  
(Signature)