

## BIO – DATA

1.	Name	Dr. Gitika Thakuriah
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2.	Institute	Cotton College State University, Guwahati-781001
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3.	Department	Geography
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4.	Designation	Assistant Professor
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5.	Contact detail	Address	North Jyoti Nagar, H/N 31, Piyoli phukan Path, P/O Bamunimaidam, Guwahat -781021
		Email	gthakuriah@yahoo.in
		Mobile no.	919678133713

### 6. Educational qualification (Starting from highest qualification)

Title of Degree/ Diploma	Branch/Specialization	Date of award	Class/ Division	College/Institute	University
Ph. D	Geomorphology	30/04/2010	-	Cotton College, Guwahati	G.U
MA	Geography (Fluvial Geomorphology)	27/03/2004	I	Cotton College, Guwahati	GU
BA	Geography	03/09/2001	II	Cotton College, Guwahati	GU
HS	Eco, Geog, Pol. Sc, Eng., Assamese	30/06/1998	I	Cotton College, Guwahati	AHSEC
HSLC	English, Assamese, Social Studies, Gn. Science, Geography, Gn. Mathematics	10/06/1996	I	T.C. Govt. Girls H.S. & M.P. School, Guwahati	SEBA

### 7. Details of Academic Experience

Institute	Designation	From	To	Total duration
CCSU, Guwahati	Assistant Professor	15/06/2015	Continue	11 months
DKD College, Dergaon	Assistant Professor	13/02/2015	4/06/2015	3 months 20 days
Goalpara College, Goalpara	Assistant Professor	1/09/2014	12/02/2015	5 months 12 days
Cotton College, Guwahati	Junior Research Fellow	1/03/2010	31/03/2011	1 year 1 months
B. Borooh College, Guwahati	Guest lecture	10/09/2005	15/06/2009	3 years 9 months

### 8. Details of Industrial / Research Experience

Institute/ Industries	Designation	From	To	Total duration
ASTECC	Project Scientist	02/05/2012	31/08/2014	2 years 4 months

### 9. Details of professional course/ training

Institute/ Industries	Name of Course	From	To	Total duration
Geology Department, Cotton College, Guwahati	Concept of GIS & GPS	31/08/2004	18/09/2004	3 weeks
Vivekananda Kendra Bhavan's Gandhi Institute of Computer Training Center, Guwahati	Office Assistant	March 2005	May 2005	3 months
Tata Institute of Social Sciences-NER, Guwahati	Data Analysis in Social Science	31/01/2011	5/02/ 2011	1 week
ARSAC, Guwahati KCube Cons. Ser., Chennai	Web GIS Training Programme with Geoserver	11/02/2013	15/02/2013	5 day

### 10. Technical skill

1	DOS, Windows 98 & 2007, MS Word (Multilingual), MS Excel, MS Power point, Graphic Designing (Photoshop 7.0)
2	Statistical Package on Social Sciences (SPSS 16)
3	Arc GIS 9.x, 10.x
4	ERDAS 9.x
5	SUPERMAP 7
6	Global Mapper 9
7	Web GIS with Geoserver

### 11. Publication in Journals

Sl.No	Title of the paper	Name of the Journal	Year	Vol.	PP	1 <sup>st</sup> author	2 <sup>nd</sup> Author	3 <sup>rd</sup> Author
1	Micro morphometric Land form analysis of Buriganga Basin, Assam	<i>Geomorphology</i>	2010	15 (1+2)	93-105	G. Thakuriah	R. Saikia	
2	Soil erosion hazards analysis using some basin morphometry- A case study of Buriganga watershed, Assam, Indian	<i>Landscape Systems and Ecological Studies</i>	2011	34(2)	175-182	G. Thakuriah	R. Saikia	
3	Contamination of fluoride in drinking water of Buriganga river basin	<i>ENVIS news letter</i>	2011	-	2-3	G. Thakuriah		
4	Watershed based drainage morphometric analysis of Diyung River, Assam (India) using geospatial tools	<i>The Clarion</i>	2012	1( 2)	33-44	G. Thakuriah	M. Jaiswal	R. Saikia
5	Anthropogenic pressure on wetland and conservation for sustainable development: A Case Study of Lower Digaru wetlands	<i>ENVIS news letter</i>	2012	-	2-7	G. Thakuriah	R. Saikia	
6	Groundwater potential mapping of Guwahati city using geoinformatics technique	<i>The Clarion</i>	2013	2 (1)	81-86	K.K Talukdar	G. Thakuriah	R. Saikia
7	Land use Land cover Change Detection Using Remote sensing and GIS Techniques: A case study of Golaghat District of Assam, India	<i>International Research Journal of Earth Sciences</i>	2013	1(1)	1-5	P. Phukan	G. Thakuriah	R. Saikia
8	Evaluation of parametric impact on soil loss of Panchnoi river basin, Northeast India, using Revised Universal Soil Loss Equation (RUSLE)	<i>The Clarion</i>	2014	3 (1)	51-60	M.K. Jaiswal	G. Thakuriah	A.C. Borah
9	Estimation of surface runoff using NRCS curve number procedure in Buriganga Watershed, Assam (India) : A Geospatial approach	<i>International Research Journal of Earth Science</i>	2014	2(5)	1-7	G. Thakuriah	R. Saikia	
10	GIS-based Food Hazard Mapping: A case study in Krishnai river basin, India	<i>Research Journal of Recent Sciences</i>	2016	5	50-59	G. Thakuriah	R. Saikia	

### 12. Publications of papers in national/international conferences

Sl. No	Name of the Faculty	Title of Paper	Name of conference / Organizing institute / Place	Date
1	G. Thakuriah R. Saikia	Some aspects of Morphometric analysis of Buriganga basin, Assam	52 <sup>nd</sup> Annual Technical Session, Assam Science Society Organized by Geography Department, Cotton College, Guwahati	
2	G. Thakuriah N. R. Kalita,	Distribution of wetlands in Guwahati: A Geographical analysis	National Seminar on <i>Wetland And Livelihood</i> Organize by J.N. College, Boko, Kamrup	24 <sup>th</sup> and 25 <sup>th</sup> October 2008
3	G. Thakuriah R. Saikia,	Primary human activities in Buriganga River basin, Nagaon and Karbi Anlong district (Assam): A Geographical analysis	National Seminar on <i>Strategy for Resource Functioning of the India's North East: A Geographical Perspective</i> Organized by Department of Geography, N.N.Saikia College, Titabar, Assam	3 <sup>rd</sup> and 4 <sup>th</sup> August 2009
4	G. Thakuriah R. Saikia	Remote sensing and GIS application for assessment of agricultural land use change in Buriganga basin, Nagaon and Karbi Anlong District (Assam).	National Seminar on <i>Strategy for Resource Functioning of the India's North East: A Geographical Perspective</i> Organized by Department of Geography, N.N.Saikia College, Titabar, Assam	3 <sup>rd</sup> and 4 <sup>th</sup> August 2009
5	G. Thakuriah,	Changing pattern of land use and land cover	International Geographical Union (IGU) Commission Seminar	11 <sup>th</sup> -13 <sup>th</sup> December,

	B. Gogoi R. Saikia	in Upper Kulsi Basin and its impact on flow regime of Kulsi River	<i>Land Use, Biodiversity and Climate Change</i> Organized by Cotton College, Guwahati	2010
6	B. Patuuary, G. Thakuriah R. Saikia	Assessment of soil erosion with respect to changing land use/ land cover: A comparative analysis in Buriganga and lower Digaru basin, Assam (India)	International Geographical Union (IGU) Commission Seminar <i>Land Use, Biodiversity and Climate Change</i> Organized by Cotton College, Guwahati	11 <sup>th</sup> -13 <sup>th</sup> December, 2010

### 13. Books Authored

Sl. No	Title of Book	List of authors in the order as given in the book	Publishers	Details of year of first publication/ISBN no
1	Practical Geography	R. Saikia & G. Thakuriah	Eastern Book house Publishers, India	2015, ISBN: 978-93-83252-42-8
2	River Basin Geomorphology	G. Thakuriah & R. Saikia	Eastern Book house Publishers, India	2014, ISBN: 978-93-83252-18-3
3	Application of Remote Sensing and GIS in Geomorphology	R. Saikia (ed) G.Thakuriah & M. Jaiswal	Lap Lambert Academic Publishing, Germany	2012, ISBN 978-3-8443-5363-1

### 14. Participation in conference / seminars / symposia / workshop / STTP

Sl. No	Title of Paper	Name of conference / Organizing institute / Place	Date	Nature of Participation – Delegate / Keynote speaker/resource person	National/ International
1	Some aspects of morphometric analysis of Buriganga basin, Assam	<i>52<sup>nd</sup> Annual Technical Session, Assam Science Society</i> Organized by Cotton College, Guwahati	18 <sup>th</sup> March 2007	Delegate	National
2	Apple study on demographic profile of Buriganga basin of Nagaon district, Assam	<i>National Seminar on Demographic Dynamism in North East India Opportunities and Challenges</i> Organized by J.B. College, Jorhat	7 <sup>th</sup> & 8 <sup>th</sup> December, 2007	Delegate	National
3	Distribution of Wetlands in Guwahati: A Geographical analysis	<i>National Seminar on Wetland and Livelihood</i> Organize by J.N. College, Boko (Kamrup)	24 <sup>th</sup> & 25 <sup>th</sup> October 2008	Delegate	National
4	Primary human activities in Buriganga River basin, Nagaon and Karbi Anlong district (Assam): A Geographical analysis	<i>Strategy for Resource Functioning of The India's North East: A Geographical Perspective</i> Organized by Department of Geography, N. N. Saikia College, Titabar	3 <sup>rd</sup> & 4 <sup>th</sup> August 2009	Delegate	National
5	Assessment of erosion hazard using some basin morphometry: A case study of Buriganga River basin, Assam	<i>Global Environmental Change: Geomorphological Issues and Challenges</i> Organized by Geography Department, Gauhati University	20 <sup>th</sup> - 22 <sup>nd</sup> November 2010	Delegate	National
6	Changing pattern of land use and land cover in Upper Kulsi Basin and its impact on flow regime of Kulsi River	<i>Land Use, Biodiversity and Climate Change</i> Organized by Cotton College, Guwahati, Assam, India	11 <sup>th</sup> -13 <sup>th</sup> December, 2010	Delegate	International
7	Spatio-temporal change of human habitation in Buriganga basin, Assam: A Geographical analysis	<i>Annual Academic Session of NEIGS</i> Organized by Department of Geography, Sonapur College, Kamrup, Assam	9 <sup>th</sup> November, 2010	Delegate	National
9	Conservation prioritization of soil using some basin morphometry: A case study of Buriganga river basin, Assam	<i>Conservation and Utilization of Resources in North East India: A Vision Plan of Green World</i> Organized by Department of Geography, Nowgong College, Nagaon, Assam, India	10 <sup>th</sup> & 11 <sup>th</sup> January, 2011	Delegate	National

10	Assessment of morphometric impact on sediment yield for soil conservation in Diyung watershed, Assam	<i>Population, Development &amp; Disaster Management</i> Organized by Department of Geography & Disaster management, Tripura University, Agartala, India	8 <sup>th</sup> – 11 <sup>th</sup> February, 2012	Delegate	International
11	Land use Land cover Change Detection Using Remote sensing and GIS Techniques- A case study of Golaghat District of Assam, India	2 <sup>nd</sup> I SC, International Science Congress Association Organized by Bon Maharaj Engineering College, Vrindavan, Mathura, UP , India	8 <sup>th</sup> & 9 <sup>th</sup> December, 2012	Delegate	International
12	Flood hazard zone mapping of Balbola watershed of Goalpara District in Assam using Geo spatial tools	<i>Human impact on Landscapes</i> Organized by Geography Department, NEHU, Shillong, Meghalaya, India	29 <sup>th</sup> -31 <sup>st</sup> October, 2015	Delegate	National

#### 15. Membership in professional societies and other committees

Sl.No	Name of the committees	Designation
1	Indian Institute of Geomorphologist	Life member
2	International Science Congress	Annual member