

# CURRICULUM VITAE

## SOURAV CHETIA

Research Scholar, Department of Geography  
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### Educational Qualification

Qualification	Year of Passing	Percentage/CGPA	Institute/University
H.S.L.C	2009	59	Sivasagar govt. H.S. & M.P. school
H.S.	2011	80	Sarathi Junior College
B.A.	2014	82.64	Gargaon College
M.A.	2016	7.19	Gauhati University
M.Phil.	2020	-	Gauhati University
PG Diploma in Geo-informatics	2017	88.9	North Eastern Hill University

### Other Qualification

Qualified joint UGC-CBSE NET (JULY,2016) for assistant professor

Qualified UGC NET (DECEMBER, 2018) for assistant professor

### Research Experience/Projects

1. Worked as a **Junior Research Fellow** in Climate Research Unit, Tocklai Tea Research Institute under NTRF funded project entitled “**Impact analysis of changing weather elements and associated tea production variability in the major tea growing regions of Assam**”.
2. 6-month project entitled “**A webGIS based multi-model network analysis of Guwahati city**”, Under North Eastern Hill University.
3. **M.Phil** dissertation entitled “**Concrete jungle? Impact of urban expansion on land surface temperature in Guwahati city**” under Dept. of Geography, Gauhati university

## Certificate courses

“RS & GIS applications in water resource management”, off campus outreach certificate programme conducted by Indian Institute of Remote Sensing (in collaboration with **ISRO**).

## Published work (In Journal)

<u>Title</u>	<u>Journal</u>	<u>Publisher</u>	<u>Indexed in</u>	<u>Impact factor (Thomson Reuter)</u>
When the heat is on: urbanization and land surface temperature in Guwahati, India	Acta Geophysica, (ISSN 1895-7455)	Springer	Web of Science, SCOPUS	0.91
Normalized Difference Vegetation Index and Hotspot Analysis in Guwahati Municipal Corporation Area, Assam, India	IJAST, (ISSN 2005-4238)	SERSC	SCOPUS	-
Detection of anomalies and approximate change point in temperature, Assam, India	Transaction (ISSN 0970-9851)	Institute of Indian Geographers	SCOPUS	-
Many Facets of a River Basin: Morphometric characteristics of Barnadi River Basin, Assam using GIS and Remote Sensing Techniques	IJAST, (ISSN 2005-4238)	SERSC	SCOPUS	-
Monitoring land use and land cover change in Burachapori wildlife sanctuary, Assam	SAMBODHI, (ISSN: 2249-6661)	L.D. Institute of Indology	UGC CARE LIST	-

## Book chapters published

<u>Title of chapter</u>	<u>Book Name</u>
Assessment of forest cover changes in Tinsukia district, Assam using NDVI	Environment: emerging problems and management, ISBN 978-93-5406-683-2
Assessment of the Accuracy of Existing Land use Land Cover Classification Techniques for Moderate Resolution Landsat Image	ILLUMINE, ISBN 978-93-5407-473-8

## **Papers Presented**

1. **“Developing a webGIS based network analysis model of Guwahati city for tourism industry”** in the 29<sup>th</sup> biennial conference of **NEIGS** cum 11<sup>th</sup> international geographical union commission seminar.
2. **“Variation in land surface temperature due to changes in elevation area in Guwahati city”** in the national seminar on “Geo-spatial applications for natural resource management” conducted by NIRPDR-NERC, Guwahati

## **Computer Skill/Software known**

- Microsoft word, Microsoft Excel, Adobe Photoshop, Microsoft PowerPoint
- Image Processing/GIS Software: ENVI, ERDAS IMAGINE, ARCGIS, QGIS, IDRISI

## **Personal Profile**

<b>Father’s Name</b>	:	Prafulla Chetia
<b>Date of Birth and Place</b>	:	30/11/1993, Sivasagar
<b>Sex</b>	:	Male
<b>Blood Group</b>	:	O <sup>+ve</sup>
<b>Languages Known</b>	:	Assamese, English, Hindi
<b>Nationality</b>	:	Indian
<b>Permanent Address</b>	:	Loraputa village, P.O. Chenimora, District Sivasagar, Assam, 785663

## **Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

(Sourav Chetia)