

**FLOOD SUSCEPTIBILITY MAPPING IN GUWAHATI CITY:
A GIS BASED STUDY USING AHP TECHNIQUE**



**A dissertation submitted to the Gauhati University in partial fulfilment of the
requirement for the degree of Master of Science in Geography, 2023**

Submitted By:

**Julee Hazarika
M. Sc Fourth Semester
Department of Geography
Gauhati University**

Supervisor:

**Dr. Dhanjit Deka
Assistant Professor
Department of Geography
Gauhati University**

**ACTIVE PARTICIPATION OF WOMEN IN PERIODIC MARKET: A CASE
STUDY OF BELTOLA BI-WEEKLY MARKET, GUWAHATI, ASSAM**

Dissertation submitted to the Department of Geography, Gauhati University, In
partial fulfilment of the requirement of GGY 4223 paper M.A 4th semester final
examination, 2023 for the degree of Master of Arts in Geography



Guided by

Dr. Manash Jyoti Nath

Assistant Professor

Department of Geography,

Gauhati University, Assam

Submitted by

Dharitry Dhekial Phukon

Roll No: PA-211-818-0009

Reg. no: 21043410 of 2022-23

Department of Geography

Gauhati University, Assam

**PERSPECTIVE ON SOCIO-ECONOMIC CONDITIONS OF AMRANGA
BARIHAT VILLAGE IN KAMRUP DISTRICT, ASSAM**

**A dissertation submitted to the University of Gauhati in partial
fulfilment of the requirement for the Master of Arts in Geography with
specialization in Cartography for session 2022-2023**



ANAMIKA PATGIRI

ROLL NO.: PA-211-818-0002.

REG. NO.: 18006338

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

GUWAHATI - 781014

PLACE OF TEA IN THE ECONOMY AND
CULTURE OF ASSAM:
A CASE STUDY OF SONAPUR TEA ESTATE
AND GOPALKRISHNA TEA ESTATE.

A DISSERTATION SUBMITTED TO THE UNIVERSITY OF GAUHATI
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE
MASTERS OF SCIENCE IN GEOGRAPHY.

2023



Submitted by:

MD. MUSTAFIZUR RAHMAN

ROLL NO. PS-211-818-0004.

REGISTRATION NO. 18021982.

DEPARTMENT OF GEOGRAPHY.

GAUHATI UNIVERSITY.

GUWAHATI-781014.

**ASSESSMENT OF LANDUSE CHANGE AND VARIATION OF NDVI WITH
RAINFALL AND TEMPERATURE IN RAIMONA NATIONAL PARK, ASSAM**



A dissertation submitted to Department of Geography, Gauhati University, in partial fulfillment of syllabus as for the requirement for the Degree of Master of Arts in Geography.

Submitted by:

Abhijit Sarkar

M.A 4th Semester

Roll No. PA-211-818-0001

Registration No. 18014294

Supervised by:

Dr. Anup Saikia

Professor

Department of geography

Gauhati University

**PARTICLE SIZE ANALYSIS OF BANK MATERIALS OF
KOLONG RIVER NAGAON, ASSAM**

Dissertation

A dissertation submitted to Gauhati University as a partial
fulfilment of the M.A/M.Sc. Fourth Semester Examination,
2023



SUPERVISED BY:

DR. DHRUBAJYOTI SAHARIAH

SUBMITTED BY

PARISMITA HAZARIKA

ROLL NO: PA-211-818-0024

G.U Regd.No: 18085878

Department of Geography

Gauhati University

Guwahati-14

**SPATIAL PATTERN OF CLEAN WATER AND SANITATION IN ASSAM
FROM THE SDG-6 PERSPECTIVE: A CARTO-STATISTICAL
ANALYSIS**

A Dissertation submitted to the department of Geography for the partial fulfilment of the requirements for the degree of Master in Geography, Gauhati University, 2023



Submitted By:

MANJEET CHOUDHURY

ROLL NO: PA-211-818-0019

G.U REGD: 18035517

M.A 4TH SEMESTER

SUBJECT: GEOGRAPHY

PAPER: GGY 4223

Supervised by

DR. BIMAL K. KAR

Professor, Department of Geography

GAUHATI UNIVERSITY

**ROLE OF RAGPICKERS IN WASTE
MANAGEMENT OF GUWAHATI CITY: A
SOCIAL GEOGRAPHIC STUDY**

**A DISSERTATION SUBMITTED TO THE UNIVERSITY OF
GAUHATI IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE MASTERS OF ARTS IN
GEOGRAPHY**

2023



Submitted By:

DEBASISH DEY

Roll No: PA-211-818-0032

Reg. No: 21084457

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

GUWAHATI-781014, ASSAM

**LANDSLIDE SUSCEPTIBILITY MAPPING OF KAMRUP
METROPOLITAN DISTRICT USING GEOINFORMATICS AND
ANALYTICAL HIERARCHICAL PROCESS**

A DISSERTATION SUBMITTED TO THE DEPARTMENT OF GEOGRAPHY,
GAUHATI UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE DEGREE OF MASTER OF ARTS IN GEOGRAPHY

2021-2023



SUBMITTED BY

SUBHANGKUSH DAS

ROLL NO: PA -211-818-0029

REG NO: 18051325

M.A. 4TH SEMESTER

SUBJECT: GEOGRAPHY

SUPERVISED BY

DR. MANASH JYOTI NATH

ASSISTANT PROFESSOR

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

ROLE OF WOMEN IN TEXTILE INDUSTRY
A CASE STUDY OF SUALKUSHI, KAMRUP RURAL DISTRICT OF ASSAM

Dissertation submitted to the Department of Geography, Gauhati university
For the partial fulfillment of special paper GGY-4223 on social geography



Submitted by:

Parishmita dutta

Roll No:PA-211-818-0023

Registration No:21043412

Department of Geography ,Gauhati University

**CHANGING LANDSCAPE AND ASSOCIATED PROBLEMS IN SILSAKO
WETLAND: A GEO-SPATIAL ANALYSIS**

A DISSERTATION SUBMITTED TO THE DEPARTMENT OF GEOGRAPHY, GAUHATI
UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF
MASTER OF ARTS IN GEOGRAPHY
2021-2023



SUBMITTED BY

KAVE KILINGPI

ROLL NO: PA -211-818-0015

REG NO: 18012257

M. A 4TH SEMESTER

SUBJECT: GEOGRAPHY

SUPERVISED BY

DR. MANASH JYOTI NATH

ASSISTANT PROFESSOR

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

**HUMAN IMPACT ON KULSI RIVER OF KUKURMARA,
ASSAM**

**A DISSERTATION SUBMITTED TO THE DEPARTMENT OF GEOGRAPHY,
GAUHATI UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF MASTER OF
ARTS IN GEOGRAPHY
2021-2023**



**SUBMITTED BY
ANKITA DAS
ROLL NO:-PA-211-818-0003
REG NO: 18061584
M.A 4th SEMESTER
SUBJECT: GEOGRAPHY**

**SUPERVISED BY
DR. ASHOK KUMAR BORA
PROFESSOR
DEPARTMENT OF GEOGRAPHY
GAUHATI UNIVERSITY**

**ASSESSMENT OF LANDUSE CHANGE AND VARIATION
OF NDVI WITH RAINFALL AND TEMPERATURE IN
RAIMONA NATIONAL PARK, ASSAM**



**A dissertation submitted to Department of Geography, Gauhati
University, in partial fulfillment of syllabus as for the requirement for
the Degree of Master of Arts in Geography.**

Submitted by:

Abhijit Sarkar

M.A 4th Semester

Roll No. PA-211-818-0001

Registration No. 18014294

Supervised by:

Dr. Anup Saikia

Professor

Department of geography

Gauhati University

**LANDSLIDE SUSCEPTIBILITY ANALYSIS IN THE DISTRICTS
OF NAGAON, MORIGAON, DIMA HASAO, KARBI ANGLONG
AND WEST KARBI ANGLONG**

**A Dissertation submitted to the department of Geography for the partial fulfilment of
the requirements for the degree of Master in Geography, Gauhati University**

2021-2023



SUPERVISED BY:

DR. DHRUBAJYOTI SAHARIAH

SUBMITTED BY:

PROBHU BORO

ROLL NO: PA-211-818-0026

G.U REGD: 18085922

M.A 4TH SEMESTER

SUBJECT: GEOGRAPHY

PAPER: GGY 4223

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

GUWAHATI-14, ASSAM

**SITE SUITABILITY MAPPING FOR PISCICULTURE IN NALBARI
DISTRICT USING ANALYTICAL HIERARCHICAL PROCESS**

**A DISSERTATION SUBMITTED TO THE DEPARTMENT OF GEOGRAPHY, GAUHATI
UNIVERSITY FOR THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE
DEGREE OF MASTER OF SCIENCE IN GEOGRAPHY**

2021-2023



**SUPERVISED BY
DR. DHRUBAJYOTI SAHARIAH**

**SUBMITTED BY
DEEPAM TALUKDAR
ROLL NO: PS -211-818-0002
REG NO: 18073962
M.Sc 4TH SEMESTER
Paper: GGY 4223**

SUBJECT: GEOGRAPHY

**DEPARTMENT OF GEOGRAPHY
GAUHATI UNIVERSITY
GUWAHATI-14, ASSAM**

**DELINEATION OF GROUNDWATER POTENTIAL ZONES IN
DARRANG DISTRICT, ASSAM, USING GIS TECHNIQUE**

**A DISSERTATION SUBMITTED TO THE DEPARTMENT OF GEOGRAPHY, GAUHATI
UNIVERSITY FOR THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE
DEGREE OF MASTER OF ARTS IN GEOGRAPHY**

2023



SUBMITTED BY:

MASUDA NURANI RAHMAN

ROLL NO. – PA-211-818-0020

REG NO. – 18061667

M.A. IVth Semester

SUBJECT: GEOGRAPHY

Paper: GGY 4223

SUPERVISED BY:

DHANJIT DEKA

ASSISTANT PROFESSOR

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY

GUWAHATI-781014, ASSAM

**LIFE DEFINED BY WATER: MARGINAL LANDS AND
MARGINALIZED LIVES OF THE BORBEEL CHAR
OF THE BRAHMAPUTRA RIVER REACH IN
NAGAON DISTRICT, ASSAM**



**A Dissertation Submitted to the Department of Geography,
Gauhati University in Partial Fulfilment of the Requirements for
the Award of the Degree of
MASTER OF ARTS IN GEOGRAPHY**

Submitted by:

Tridip Bora

Registration No. 18070304

Roll No. PA-211-818-0031

Department of Geography

Gauhati University

June, 2023

**PATTERN OF WOMEN'S EMPOWERMENT AND GENDER EQUALITY
IN ASSAM FROM SDG-5 PERSPECTIVES:
A CARTO-STATISTICAL ANALYSIS**

A Dissertation submitted to the Department of Geography for the partial fulfilment of the requirements for the Degree of Master of Arts in Geography, Gauhati University, 2023



Submitted by:

JENNY JEU BRAHMA
ROLL NO.: PA-211-818-0014
G.U REGD: 21043411
M.A 4TH SEMESTER
SUBJECT: GEOGRAPHY
PAPER: GGY 4223

SUPERVISED BY

DR. BIMAL K. KAR
PROFESSOR
DEPARTMENT OF GEOGRAPHY
GAUHATI UNIVERSITY

**LAND USE PATTERN AND LAND COVER CHANGES OF
THE RANI-CHAPORI RIVER ISLAND OF THE
BRAHMAPUTRA RIVER REACH IN KAMRUP
METRO DISTRICT, ASSAM**

**A DISSERTATION
SUBMITTED TO GAUHATI UNIVERSITY FOR THE FULFILLMENT OF THE
PAPER 4223 OF MASTER OF ARTS 4TH SEMESTER EXAMINATION
GAUHATI UNIVERSITY
2023**



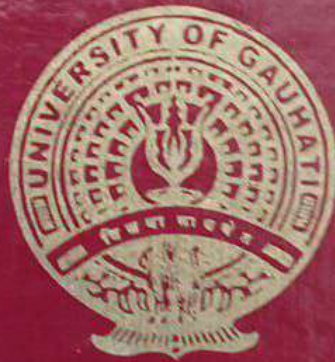
**SUPERVISED BY
DR. NITYANANDA DEKA
ASSISTANT PROFESSOR**

**SUBMITTED BY
BINI NEWAR
REGD. NO.: 18069667 OF 2018-19
ROLL NO.: PA- 211- 818- 0008**

**DEPARTMENT OF GEOGRAPHY
GAUHATI UNIVERSITY
GUWAHATI, ASSAM
(INDIA)**

**SOCIO- ECONOMIC CONDITIONS AND PARTICIPATION
OF WOMEN VENDORS IN THE AZARA GADHULI BAZAAR
OF KAMRUP METROPOLITAN DISTRICT, ASSAM**

**A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR M.A 4th SEMESTERS EXAMINATION FOR THE
AWARD OF THE DEGREE OF MASTERS OF ARTS IN GEOGRAPHY
UNDER GAUHATI UNIVERSITY**



SUBMITTED BY:

LAVITA HALOI

ROLL NO-PA-211-818-0017

REGISTRATION NO – 18077813

M.A 4th SEMESTER

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY, GUWAHATI

YEAR - 2023

**AZARA GODHULI BAZAR IN GUWAHATI CITY, ASSAM:
FUNCTIONS, PEOPLE'S PARTICIPATION AND RECENT
CHALLENGES**

A Dissertation Submitted in partial fulfillment of the requirement for the M.A. Fourth
Semester Examination, 2023



Submitted by

Swapnanil Bhuyan

M.A. 4th Semester

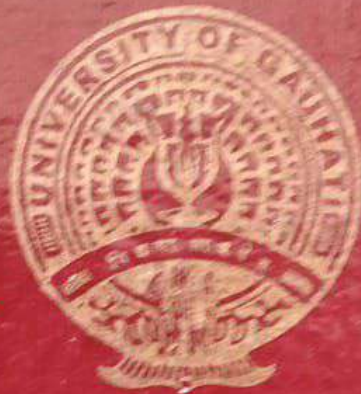
Roll No. – PA-211-818-0030

Registration No. – 18028536 of 2021-23

Department of Geography, Gauhati University

Guwahati-781014

**A RIVER ISLAND AND THE PEASANT LIFE: THE
CASE OF RANI CHAPORI ISLAND IN KAMRUP
METRO DISTRICT, ASSAM**



A dissertation submitted to the Department of Geography, Gauhati University, for the partial fulfillment of the requirements for the Degree of Masters of Arts in Geography, G.U 4th Semester Examination, 2023

Submitted By

Geetika Kakati

Roll No: PA 211-181-0013

Registration No: 17055014

M.A 4th Semester

DEPARTMENT OF GEOGRAPHY

GAUHATI UNIVERSITY, GUWAHATI

**PROBLEM AND PROSPECT OF AGRICULTURE
IN NO.2 SANTIPUR VILLAGE OF SONITPUR DISTRICT, ASSAM**

**A dissertation submitted to the University of Gauhati in partial fulfillment of the
requirement for the Master of Arts in Geography with specialization in
Cartography for session 2022-2023**



Submitted By

KRITI PRASANNA MOCHAHARY

M.A. 4th Semester

Roll No: PA-211-818-0016

Reg.No:18080544

Department of Geography

Gauhati University, Gopinath Bordoloi Nagar, Guwahati-781014

**LAND USE PATTERN AND LAND COVER CHANGES OF
THE RANI- CHAPORI RIVER ISLAND OF THE
BRAHMAPUTRA RIVER REACH IN KAMRUP
METRO DISTRICT, ASSAM**

**A DISSERTATION
SUBMITTED TO GAUHATI UNIVERSITY FOR THE FULFILLMENT OF THE
PAPER 4223 OF MASTER OF ARTS 4TH SEMESTER EXAMINATION
GAUHATI UNIVERSITY
2023**



**SUPERVISED BY
DR. NITYANANDA DEKA
ASSISTANT PROFESSOR**

**SUBMITTED BY
BINI NEWAR
REGD. NO.: 18069667 OF 2018-19
ROLL NO.: PA- 211- 818- 0008**

**DEPARTMENT OF GEOGRAPHY
GAUHATI UNIVERSITY
GUWAHATI, ASSAM
(INDIA)**

Assessment of Tobaccoism Prevalence and Factors Influencing Tobacco Use in Guwahati, Assam



*A Dissertation submitted to the Department of Geography, Gauhati University as
a partial fulfillment of the requirements for the degree of*

MASTER OF ARTS IN GEOGRAPHY

Submitted by

LUNA BORA

M.A. 4th Semester

Roll No.: PA-211-818-0018

Registration No.: 18070296

2022-2023

Under the supervision of

Dr. MANASH JYOTI NATH

Assistant Professor

Department of Geography

Gauhati University

**DEMOGRAPHIC AND SOCIO- ECONOMIC
CHARACTERISTICS OF SCHEDULED TRIBES
POPULATION OF MORIGAON DISTRICT, ASSAM;
A CASE OF SIDHABARI VILLAGE**

**A dissertation submitted to the university of Gauhati in partial
fulfilment of the requirement for the degree of Master of Arts in
Geography with specialization in Cartography for session 2022-23**



Submitted by

PARIKSHIT NATH

Roll No. : PA-211-818-0022

Reg. No. : 18070802

Department of Geography

Gauhati University

Guwahati - 781014