SYMBIOSIS INSTITUTE OF GEOINFORMATICS
CONSTITUENT OF SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY), PUNE

PLACEMENT BROCHURE

M.Sc. Geoinformatics

2025-2027





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About Us

Symbiosis International (Deemed University) is a multi-disciplinary university offering its students and faculty a vibrant learning ecosystem designed around its multi-cultural and innovative ethos. Symbiosis was established in 1971 by Prof. Dr. S.B. Mujumdar, which was a ‘home away from home’ for International students. The Institution is based on the principles of Vedic thought of "World as One Family".The University's name fittingly captures the quintessence of the relationship with International students; a mutually beneficial bond between India and the International student community. Symbiosis is committed to building international understanding by offering quality education, and is resplendent of the activities and students of more than 85 countries.



Vision

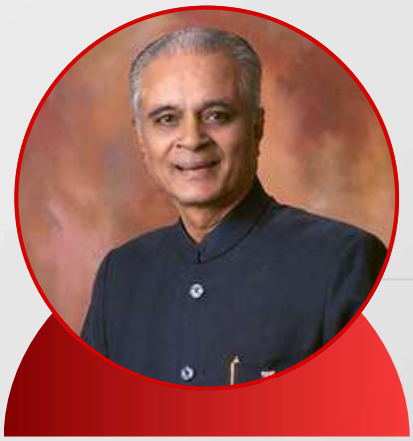
Promoting international understanding through quality education .

Missions

- To inculcate the spirit of 'Vasudhavia Kutumbakam' (the world is one family)
- To contribute towards knowledge generation and dissemination
- To promote ethical and value- based learning
- To foster the spirit of national development
- To inculcate cross-cultural sensitization
- To develop global competencies amongst students
- To nurture creativity and encourage entrepreneurship
- To enhance employability and contribute to human resource development
- To promote health and wellness amongst students, staff and the community
- To instil sensitivity amongst the youth towards the community and environment
- To produce thought provoking leaders for the society.

Message from the leaders

Dr. S.B Majumdar



India stands among the world's leading nations involved in software development and application. Its progress will have to be sustained in the current environment of globalization, fast-paced technological advancements and the ensuing intense competition. The importance of GIS as an advanced technology has been widely acknowledged. In the near future, the majority of services, infrastructural development, management aspects, urban development and decision support systems will run entirely based on GIS. Visualizing the need to create adequately trained human resources in this emerging field, the Symbiosis Institute of Geoinformatics was established in 2004. I am happy to note that the institute has carved a niche for itself in fulfilling the aspirations of the students and the GIS industry in this short duration since its inception and I am confident that it will continue to do so in the days to come I wish SIG all the best and success in their future endeavors.

Dr. Vidya Yeravdekar

The institute's excellent placement record - an enviable reputation built by professionalism of the alumni and ever-increasing demand for its students from industry bears testimony to the trust deposed by industries and institutions in it. SIG fosters and nurtures leadership qualities amongst students, making them capable of making a difference in geoinformatics implementation in corporate and non-corporate sectors. It inculcates human values and professional ethics in students, enabling them to make decisions and create paths that are good for them, good for society, for the nation, and for the world. I am confident that SIG will continue to strive to reach higher goals in meeting the aspirations of both the industry as well as the students. I wish the SIG staff and students success in their future endeavors and growth



Dr. Ramakrishnan Raman



As one of the pioneering institutions in the field of Geospatial Technology and Data Science, Symbiosis Institute of Geoinformatics (SIG) is committed to shaping professionals who are well-equipped to contribute to the ever-evolving global economy. The M.Sc. (Geoinformatics) and M.Sc. (Data Science & Spatial Analytics) programs are designed to address the growing demand for experts capable of integrating spatial science, data analytics, and emerging technologies. At SIG, students not only gain theoretical knowledge but also immerse themselves in real-world applications, making them industry-ready from the day they graduate. With a strong emphasis on interdisciplinary learning and practical skills, SIG ensures that our graduates possess the critical thinking, problem-solving abilities, and technical expertise that today's industries require. Our enviable 100% placement track record is a testament to the dedication and quality of education that Symbiosis provides. I am confident that the students of these programs will contribute significantly to any organisation they join, bringing fresh perspectives and expertise in Geospatial Technology and Data Science.

From the Director's Desk



Prof. Dr. TARUN PRATAP SINGH
PhD., M.Phil. (Engr.), M.Sc., MS (Paris University VI)
Professor and Director

The Geoinformatics field is expanding at a rapid pace as more and more industries are employing spatial data to manage their activities. The dream of a digital India with smart cities cannot be completed without the use of Geoinformatics technology. Almost no developmental project is complete without geospatial information, and it will soon become imperative. SIG is one of the constituent institutes of Symbiosis International (Deemed University). SIG was established with the aim of creating a potent reserve of experts in the field of Geoinformatics to meet future challenges across the globe. SIG's M.Tech and M.Sc. program in Geoinformatics has been designed by eminent scientists, technologists, industrialists and academia of national and international repute. The program has earned its reputation for being a pioneer with its all-encompassing curriculum, which caters for futuristic industry requirements. Since its inception, SIG has received tremendous responses from different stakeholders. SIG's alumni are recurrently placed in high ranking posts in various organisations across India and abroad. Even during prevailing unprecedented health conditions, I anticipate the same overwhelming responses this year, from industries and other institutions in India and across the globe too.



About SIG

20+ Years of Excellence

Spatial Science, Geo-Intelligence, Data Science, and Analytics are driving forces behind India's economic growth, gaining global recognition and prominence in the region. Symbiosis was among the first to anticipate this shift and took the initiative to design specialised programmes in these cutting-edge domains.

At Symbiosis Institute of Geoinformatics (SIG), we go beyond traditional education - we prepare competent professionals ready to meet the growing demand in Geospatial Technology, Artificial Intelligence, Machine Learning, Data Mining, Navigation, and E-Governance.

Over the years, SIG has closely aligned its curriculum with industry needs, combining strong theoretical foundations with practical, hands-on training. From basic mapping sciences to GIS development, from data mining to decision-making, and from technical expertise to soft skills and personality development, we ensure our students graduate with a holistic edge.

SIG continues to provide a dynamic learning environment, producing professionals who are not just job-ready, but industry-ready.

Faculty Details



Prof. (Dr.) T.P. Singh
Professor and Director



Dr. Vidya Sandeep Patkar (Kumbhar)
Associate Professor &
Deputy Director



Dr. Dharmaveer Singh
Assistant Professor &
Head of Department
(Geoinformatics)



Dr. Navendu A. Chaudhary
Professor



Dr. Sandipan Das
Assistant Professor



Dr. Rajesh K. Dhumal
Assistant Professor
(Computer Science)

Faculty Details



Dr. Veena Parihar
Assistant Professor & Head of Department
(Data Science)



Dr. Gauri Deshpande
Assistant Professor



Neeta S. Nandgude
Assistant Professor



Mr. Sahil K. Shah
Assistant Professor



Mr. Atul Jadhav
Teaching Associate



Monali B. Jadhav
Teaching Associate

Course Curriculum

Semester 1

- Principle of GIS
- Principle of Remote Sensing
- Applied Statistics
- Python for Geospatial Technology
- Research Methodology
- Global Navigation Satellite System (GNSS)
- Logic Development and Programming Concepts

Semester 2

- Geo-Image Processing
- Photogrammetry
- Advanced Python Programming for Spatial Analytics
- Essentials of Internet and Web Technologies
- Principle of Database Management System
- Spatial Analysis
- R for Spatial Science
- Programming for Enterprise GIS
- GeoAI

Semester 3

- 2-months Summer Project
- Business Communication
- GIS Application Design
- GIS Project Management
- Organizational Behaviour
- Spatial Data Base Management
- Spatial Modeling
- Flexi-Credit Course
- Web GIS
- Geoinformatics applications in Facility and Utility management
- Geoinformatics Applications in Natural Resource Management
- Mobile GIS
- Geospatial Application in Agriculture
- Disaster Scenario Mapping
- Application of Geospatial Technology in Urban Development

Semester 4

- 6-months Industrial Project

Infrastructure

OUR CLASSROOM AT A GLANCE

Symbiosis Institute of Geoinformatics (SIG) offers modern infrastructure, innovative teaching methods, and a well-equipped campus for quality education. It also provides industry-oriented training and exposure to the latest advancements in Geoinformatics, enabling students to develop strong academic and professional skills.







LAB AND OTHER FACILITIES

- High-end computers with large monitors and network connectivity
- Centralized server for resource management
- High-speed internet access
- Latest GIS software (Individual ArcGIS License)
- Advanced image processing software
- Photogrammetry software suites
- Global Positioning System (GPS) facilities
- Programming and development tools
- Well-equipped library with relevant books and journals
- Access to worldwide literature and research resources





OUR LIBRARY

The SIG library uses the KOHA Library Management System, allowing online access to its catalogue (OPAC). It offers a wide collection of books, journals, magazines, e-books, and e-journals through databases such as EBSCO, JSTOR, Emerald, Sage Research Methods, and Pearson, supporting academic learning and research.

Centrally Subscribed Databases
Library portal Online Link: https://library.siu.edu.in

1. Research Tool: Turnitin
2. Scopus
3. Sage Research Method (SRM Core) OPAC
4. Frost & Sullivan
5. Research Tool: Question Pro
6. Open Athens
7. JSTOR
8. Web of Science
9. EBSCO
10. Research Tool: EBSCO Discovery Service
11. Emerald e-journal Management





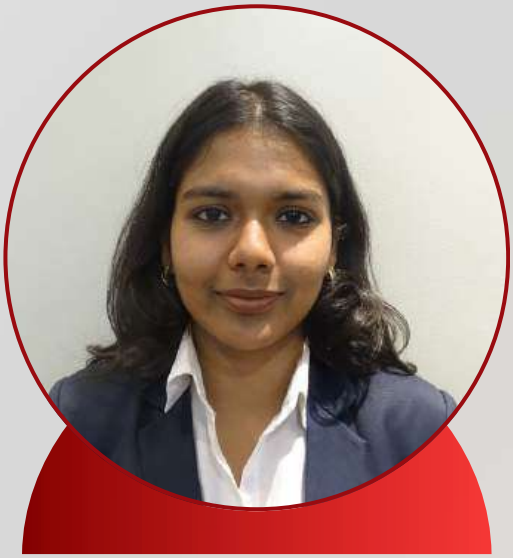
PG Merit Scholarship 2025



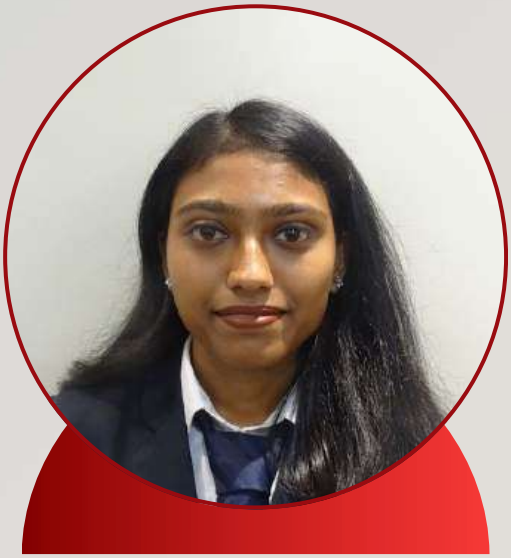
DEVANSH NEGI
SEMESTER 1



SWAPNANIL SAHA
SEMESTER 1



S KARTHIKA
SEMESTER 1



TIASA DEBNATH
SEMESTER 1

GIS Events

NATIONAL WATER INNOVATION HACKATHON INDIA 2026


Devansh Negi


Bhavya Mangla

PARTICIPANTS	ACHIEVEMENT
DEVANSH NEGI	1ST POSITION
BHAVYA MANGLA	1ST POSITION

BURNS & MCDONNELL GIS CONNECT 2025


Sudipta Hore


Sneha Bose

PARTICIPANTS	ACHIEVEMENT
SUDIPTA HORE	2nd POSITION
SNEHA BOSE	2nd POSITION

IIARI KOLKATA MAP MANIA 2025-2026


Sohini Chakraborty


Swapnanil Saha

PARTICIPANTS	ACHIEVEMENT
SOHINI CHAKRABORTY	1ST POSITION
SWAPNANIL SAHA	3rd POSITION

MAPATHON 2.0, CHANDIGARH UNIVERSITY


Devansh Negi


Shruti


Bhavya Mangla

PARTICIPANTS	ACHIEVEMENT
DEVANSH NEGI	AIR 5
BHAVYA MANGLA	AIR 5
SHRUTI	AIR 5

GEOGENESIS 2026


Devansh Negi


Debanjali Roy

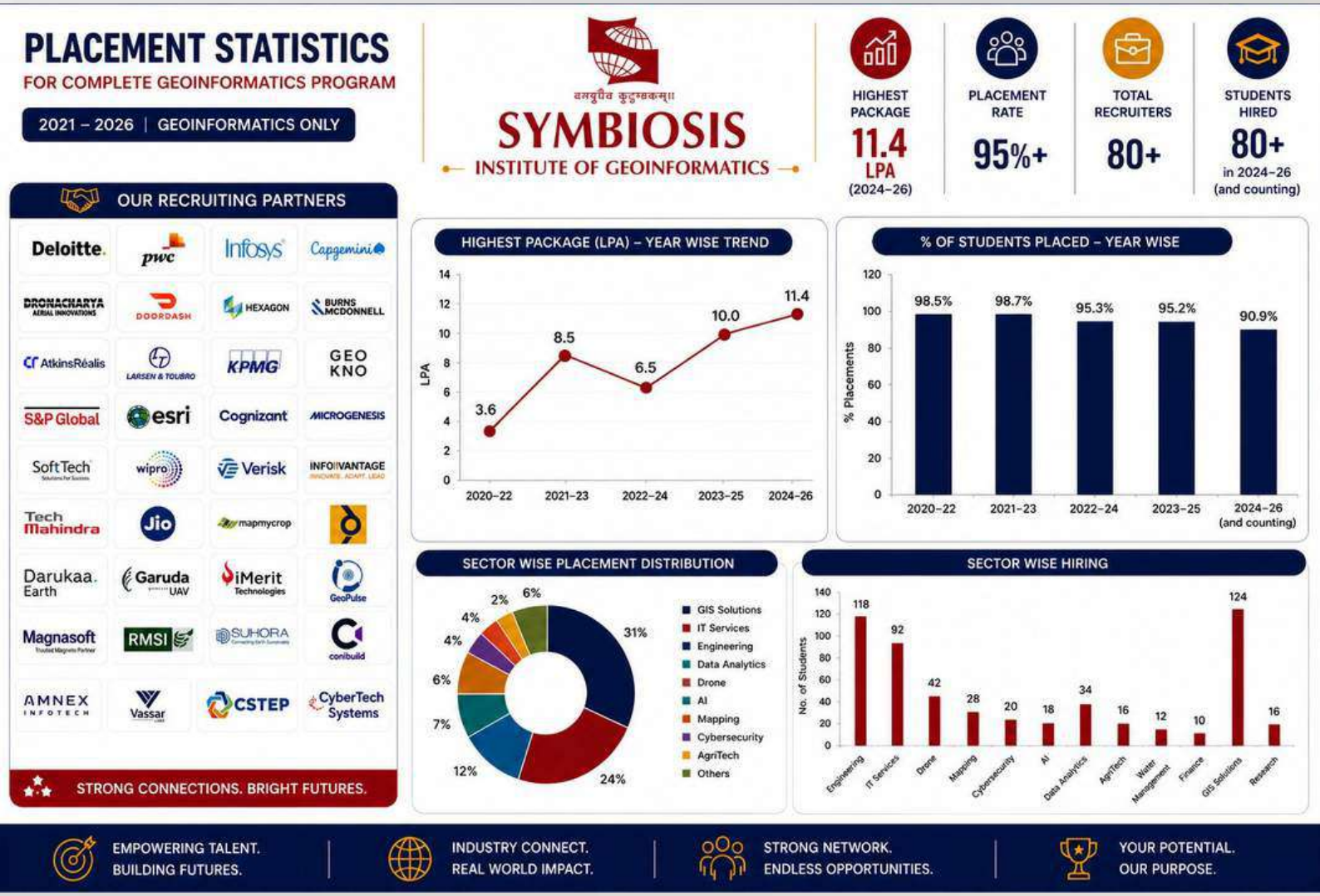

Lagnojita Saha


Aditi Bera

PARTICIPANTS	ACHIEVEMENT
DEVANSH NEGI	1ST POSITION
DEBANJALI ROY	1ST POSITION
LAGNOJITA SAHA	2nd POSITION
ADITI BERA	2nd POSITION

PAST YEAR PLACEMENTS STATS

From Company proposal to Offer Letter



CAMPUS RECRUITMENT PROCESS

From Company proposal to Offer Letter

1 INVITATION TO COMPANIES

- Outreach to potential recruiters
- Hiring requirements collection

2 STUDENT REGISTRATION

- Eligibility verification
- Resume submission

3 PRE-PLACEMENT TALK

- Company presentation
- Job role briefing

4 SELECTION PROCESS

- Tehnical/ Aptitude assessment
- Group Discussion/ Interview

5 FINAL SELECTION & OFFER

- Merit-based Selection
- Internship/Joining Formalities

Student Portfolio



AADE ISHA YUVRAJ

PROJECT
Geospatial Assessment of Urban Heat Exposure and Environmental Vulnerability Using GIS and Remote Sensing

DEGREE
B.Sc. Geology

INTERESTS
R.S and Earth Observation, Climate Risk Analytics, Drone and UAV Mapping, Digital Twin Technologies

SKILLS
Good listener, Time Management, Adaptable, Observational Acumen, Curious To learn



ABHINAV GAUTAM

PROJECT
Implications of Projected Change in Climate on Agriculture of Bihar

DEGREE
B.Sc. Geography

INTERNSHIP
Research Intern in RSIGST (Kolkata Branch)

INTEREST
Atmospheric Physics, Remote Sensing and Earth Observation, Weather Forecasting, Geophysics

SKILLS
Time management, Financial Management, Adaptability & Teamwork , Good Listener, Curiuos to learn, Problem solving



ADITI BERA

PROJECT
Flood Risk Assessment and Green Infrastructure Planning for Sustainable Urban Flood Mitigation Using the InVEST Urban Flood Risk Mitigation Model-a case study on Pune City

DEGREE
B.Sc. Geography

INTERNSHIP
GIS Intern at Terranova Space LLP

INTEREST
Urban Stormwater Management, flood modelling, Spatial Analysis

SKILLS
Leadership, Problem Solving, Communication



ADITI MAJHI

PROJECT
PredictiveBeat – Geo-AI Crime Forecasting System of Delhi

DEGREE
B.Sc. Geography

INTERNSHIP
On job training at TomTom India Pvt. Lt

INTEREST
Ai & ML with Geospatial , Urban Studies, Cartography

SKILLS
Analytical thinking, Problem solving, Team Work.



ADITYA SINGHA

PROJECT
An Ensemble Machine Learning and Explainable AI (XAI) Framework for Spatial Climate Risk Assessment and Economic Supply Chain Loss Estimation along Critical Transport Corridors in India

DEGREE
B.Sc. Geography

INTERNSHIP
On Job Training at TomTom India Pvt. Lt

INTEREST
LiDAR Technology, Map Making Using Different GIS Analysis Techniques and Methods, Urban & Rural Planning

SKILLS
Problem Solving, Quick Learning, Ready to Learn, Good in Communication



AFRIN HOSSAIN

PROJECT
Assessment of Coastal Erosion and Accretion Along the Mumbai Coast Using Remote Sensing Techniques

DEGREE
B.Sc. Geography

INTERNSHIP
On Job Training at TomTom India Pvt. Lt

INTEREST
Smart transportation and cartography using osm , urban development , climatology, environmental monitoring

SKILLS
Teamwork, Time Management, Adaptability, Problem Solving, Quick Learner



AHANA DEY

PROJECT
GeoAI-Powered Road Safety Intelligence Platform for Accident Risk Prediction and Spatial Decision Support Using WebGIS

DEGREE
B.Sc. Geography

INTERNSHIP
On Job Training at TomTom India Pvt. Lt

INTEREST
AI/ML for Geospatial Application, Spatial Analytics, Urban and Regional Planning

SKILLS
Eager to learn, Adaptability, Communication Skills, Teamwork



ALETI SAMHITA

PROJECT
Autoencoder-Based Deep Learning for Carbon Stock Estimation and Spatial Mapping in Nallamala Forest, Nagar Kurnool District, Telangana Using Remote Sensing and optmised gis

DEGREE
B.Sc. Agriculture (Hons.)

INTEREST
Environment monitoring & precision agriculture , utlility management , Optimised gis & location intelligence

SKILLS
Communication, Teamwork, Problem Solving, Time Management



ANGEL SRISHTI EKKA

PROJECT
Spatio-Temporal Dynamics and Hotspot Analysis of Ambient Air Pollution in NCT Delhi Using Geospatial Techniques

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
India Space Lab Summer Internship and Technical Training Program 2026

INTEREST
Urban Planning and Development, Disaster management, Climate studies

SKILLS
Teamwork, Adaptability, Time Management, Communication



ANKITA BANERJEE

PROJECT
Python & ML based urban spatial assessment

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
India Space Lab summer internship and Technical Training program 2026

INTERINTEREST
Python based Geospatial Analysis , Machine Learning & Artificial intelligence, Sustainability

SKILLS
Communication, Teamwork, Adaptability, Problem Solving , Positive Thought Oriented



ANUSHKA GUHA

PROJECT
Urban groundwater depletion monitoring using GRACE and InSAR data

DEGREE
B.Sc. Geography (Hons.)

INTEREST
GEOAI, urban studies, environmental monitoring

SKILLS
Adaptability, Teamwork, Communication



ANUSHKA NATH

PROJECT
Smart Urban Transportation and Geospatial Analytics for Traffic Congestion Management

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
On Job Training atTomTom India Pvt. Ltd

INTEREST
GNSS, GIS, Cartography and Map Design, Urban Planning, Smart Transportation Systems

SKILLS
Adaptability, Eager to learn, Discipline, Time Management



ANUSKA MONDAL

PROJECT
Controls on Supraglacial Lake Formation in Himalayan Glaciers: A machine learning approach

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
Leh Glaciology Summer School, Academic intern at Presidency University, Calcutta

INTEREST
Machine Learning based Spatial Assessment, Urban Planning, Glaciology, Lidar Technology

SKILLS
Communication, Quick Learner, Teamwork, Leadership



ARGHA CHATTERJEE

PROJECT
Development of a GeoAI-Driven Web GIS Platform for Solar Energy Suitability Assessment, Ajmer, Rajasthan, India

DEGREE
B.Sc. Geography

INTEREST
Urban utility & Smart Cities planning , GIS and Spatial analysis, GIS developer

SKILLS
Time management, Discipline, Adaptability & Teamwork



ARZUMAN LAILA

PROJECT
GeoAI-Based Urban Air Pollution Prediction Using Multi-Source Geospatial Data and Machine Learning in Pune District

DEGREE
B.Sc. Geography

INTEREST
Urban Planning, Location Intelligence, GeoAI,Disaster management and Earth Observation

SKILLS
Adaptability, Team Work, Communication, Problem Solving



AVINASH PURANDARE

PROJECT
Geospatial And Geological Assessment For The Disaster Risk Management

DEGREE
B.Sc. Geology

INTEREST
Geology, Disaster management and Earth Observation And Remote Sensing.

SKILLS
Good Listener, Communication.



BAZGA ARSHI

PROJECT
A GIS-Based Urban Wellness Mapping for Sustainable and Healthy City Planning

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
India space Lab summer internship and technical Training program 2026

INTEREST
Conservation,sustainable development , Health Care services monitoring and urban development using GIS

SKILLS
Research, Learn, Explore and Communicate



BHAVYA MANGLA

PROJECT
Climate risk based real estate investment suitability assessment in Pune

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
Geospatial Project Intern at IIT Ropar, Punjab; Research Intern at Miranda House, DU ; Intern at CStep

INTEREST
Climatology, Spatial analysis

SKILLS
Team Collaboration, Communication, Problem Solving, Adaptable



BUDDHADEB PAUL

PROJECT
Development ML-based Integrated Model for Urban Flooding

DEGREE
- B.A. Geography (Hons.)
- M.A. Geography

INTERNSHIP
India Space Lab summer internship and Technical Training program 2026; The Summer Training 2026, a skill training and internship program, organised by India Space Academy

INTEREST
Disaster Management & Flood Modelling, Regional and Urban Planning, GeoAI & Spatial Analytics, Web GIS Development

SKILLS
Communication Skills, Analytical Thinking, Team collaboration, Research and Problem Solving



DEBAMITRA DEBNATH

PROJECT
Effect Analysis of Migration on Urban Area Population Density and infrastructure

DEGREE
B.Sc. Geography

INTEREST
Spatial Analysis, Urban Infrastructure Mapping, Use of GeoAI to process migration behaviours

SKILLS
Communication, Problem Solving, Adaptability according to Work Environment



DEBANJALI ROY

PROJECT
GeoAI Based Blue-Green Infrastructure analysis of Ahmedabad with special reference to Sabarmati River.

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
Academic intern at Presidency University, Kolkata

INTEREST
Web-based Gis , Urban planning and development, Geospatial Analysis using GeoAI, Disaster management

SKILLS
Team management, Communication, Adaptibility, leadership



DEVANSH NEGI

PROJECT
Location Intelligence and Explainable GeoAI for Retail Site Selection: A Comparative Study of Starbucks and DMart in Pune

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
1. Geospatial Project Intern at Indian Institute of Technology (IIT) Ropar, Punjab
2. GIS Intern at Chainfly Tech Solutions Pvt. Ltd.
3. Academic Intern at the Department of Geography, Shaheed Bhagat Singh College, University of Delhi

INTEREST
Location Intelligence for Facility & Utility Management, Spatial Analytics & GeoAI, Web GIS Development

SKILLS
Time management, Financial Management, Adaptability & Teamwork , Good Listener, Curiuos to learn, Problem solving



DRISHYA PRADEEP

PROJECT
Urban Morphology-Based Informal Settlement Boundary Delineation Using Self-Supervised Contrastive Learning and Open Vector Data

DEGREE
B.Sc. Geography

INTEREST
Urban planning , resource management, GeoAI , UAV and drone mapping

SKILLS
Communication Skills, Adaptability, Relationship Building , Team Work



GOWRI A V

PROJECT
Integration of Remote Sensing and Hydrodynamic Particle Tracking Modeling for Marine Debris Transport and Accumulation Zone Prediction

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Environmental Sustainability, Urban & Regional Planning, Geospatial Intelligence,Spatial Data Analytics

SKILLS
Analytical Thinking, Adaptability, Effective Communication, Learning Agility



HIMANSHU SHEKHAR TANTY

PROJECT
Spatio-Temporal Analysis of Urban Growth, Land Use Transformation, and Environmental Change in the Talcher–Angul Mining-Industrial Region Using GIS and Remote Sensing

DEGREE
B.Urban Planning

INTERNSHIP
GIS Intern at Rourkela Municipal Corporation (July 2022 - November 2022)

INTEREST
Urban Planning, Web GIS Development, Spatial Analytics

SKILLS
Team work, Adaptability, Logical Problem Solving



HRIDITA SAHA

PROJECT
Integrated Geospatial Assessment of Earthquake Vulnerability and Urban Resilience

DEGREE
B.Sc. Geography

INTEREST
GIS Analytics & Spatial Analysis, Earth Observation & Remote Sensing, Disaster Management, Urban Planning, and Environmental Monitoring.

SKILLS
Teamwork, Adaptability, Time management, Attention to details.



INSHA EJAZ

PROJECT
Development of an AI-Driven GIS-Based Transportation Digital Twin Framework for Urban Mobility and Location Intelligence Analysis Using Open Geospatial Data: A Case Study

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
On Job Training in OpenStreetMap (OSM) Platform under TomTom Pvt. Lt

INTEREST
urban planning and mobility, Lidar Technology, OSM data, Machine Learning based Spatial Assessment

SKILLS
Communication, Logical Problem Solving appoarch, Quick learner and Adaptability



JERINA ROY

PROJECT
GIS-Based Digital Twin Framework for Terrain-Aware Water Supply and Drainage Infrastructure Planning in Aizawl Smart City

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
On Job Training in OpenStreetMap (OSM) Platfrom under TomTom Pvt. Lt

INTEREST
Location Intelligence & Geospatial Analytics,Urban Infrastructure & Smart Cities,Environmental Sustainability & Natural Resource Management

SKILLS
Attention to Detail, Analytical Thinking & Learning Mindset



LAGNOJITA SAHA

PROJECT
Hybrid Flood Susceptibility Mapping Using SAR-derived Flood Inventory, Fuzzy AHP and Machine Learning

DEGREE
B.Sc. Geography

INTERNSHIP
GIS Intern at Teranova Space LLP

INTEREST
Urban development, Environment, Utility management

SKILLS
Adaptability, Teamwork, Time Management



LEENU JOMON

PROJECT
Spatiotemporal Modeling of Coastal Erosion Under ENSO Variability Using Machine Learning

DEGREE
B.Sc. Geology and Water Management

INTEREST
Environment monitoring, Urban planning, Coastal and marine GIS

SKILLS
Teamwork and Collaboration, Problem Solving, Time Management, Adaptability



MIHIR SARKAR

PROJECT
An Integrated Geospatial and Machine Learning Framework for Urban Flood Susceptibility Mapping and Emergency Route Optimization Using SAR and OpenStreetMap Data

DEGREE
B.A. Geography (Hons.)

INTEREST
Urban Development, Disaster Management, GeoAI

SKILLS
Analytical Thinking, Research & Learning Agility, Attention to Detail



NIMISHA BORKAR

PROJECT
GeoAI Framework for Monitoring Urban Trajectories and Spatial Patterns

DEGREE
B.Sc. Geology

INTERNSHIP
DronaMaps GIS Intern via GIS Vision India (September - December 2024)

INTEREST
Web GIS Development, GIS Automation using Python, Utility GIS

SKILLS
Communicative, Teamwork, Logical Problem Solving appoarch, Quick learner



NINA STEPHEN

PROJECT
Assessment of the effect of Climate Change on Groundwater Resources using Remote Sensing and Machine Learning

DEGREE
B.Sc. Mathematics

INTEREST
GeoAI & spatial data science, Spatial Analysis, Terrain and Environmental Systems Analysis

SKILLS
Problem solving, Adaptability, Analytical thinking



NIVETHITA B.

PROJECT
Network-Based Accessibility Analysis of Public Healthcare Services Using Python and OpenStreetMap

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
Intern at school of environmental sciences ,Mahatma Gandhi University, Keralam

INTEREST
Spatial Analysis, Urban planning, Utility mapping, Disaster management

SKILLS
Team work, Communication, Leadership Qualities, Adaptability



KOMAL NIWANE

PROJECT
Crop Intelligence: Fine-Tuning the NASA/IBM Prithvi-100M Geospatial Foundation Model for Agricultural Crop Mapping

DEGREE
B.Sc. Agriculture (Hons.)

INTERNSHIP
GIS Intern at AIQ Space Ventures Mumbai

INTEREST
Agricultural Monitoring , Climate Studies, GeoAI , Urban Planning

SKILLS
Communication, TeamWork, Problem Solving, Adaptability



NUPUR WADHWA

PROJECT
Above Ground Carbon Stock Assessment using Remote Sensing and GIS Sundarban, West Bengal

DEGREE
B.Sc. Environment Science

INTERNSHIP
On Job Training in OpenStreetMap (OSM) Platfrom under TomTom Pvt.Lt

INTEREST
Environmental Sustainability, Urban/Regional mapping , Disaster management

SKILLS
Adaptability to Environment ,Problem Solving, Team collaboration, Quick Learner



POULAMI DAS

PROJECT

UAV Hyperspectral-Based Crop Condition Assessment and Zonation of Mustard Using Vegetation Indices

DEGREE

B.Sc. Geography (Hons.)

INTERNSHIP

- Regional Remote Sensing Centre (RRSC) - West
- Indian Space Research Organisation (ISRO)

INTEREST

Urban utility mapping, Study climate monitoring & Disaster management, GeoAI

SKILLS

Problem Solving,Team collaboration, Adaptability,Time management



PRIYANKA GANGULY

PROJECT

Mining, Urban Growth, and Ecological Change in selected districts of chhattisgarh: A GeoAI-Based Sustainability Assessment

DEGREE

B.Sc. Geography (Hons.)

INTEREST

Urban growth, Natural Resources , Ecological Change, GeoAI & Sustainability

SKILLS

Negotiation, Conflict Management, Team Building and Interpersonal Skills



PRIYANSHU SAHA

PROJECT

GeoChargeAI: Integrating Explainable Machine Learning, Geospatial Suitability Modelling, and Intelligent Navigation for Comprehensive EV Charging Infrastructure Decision Support

DEGREE

B.Sc. Geography (Hons.)

INTEREST

Location Intelligence for Infrastructural Planning,Web GIS Development,Spatial Analysis using GeoAI

SKILLS

Team management, Analytical thinking, Leadership, Quick learner



RIYANKA BANERJEE

PROJECT
GIS-Based Urban Transformation Analysis, Urban Sustainability Assessment, and AI-Driven Digital Twin Scenario Simulation of the Aundh–Baner–Balewadi Region, Pune

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
On Job Training in OpenStreetMap (OSM) Platfrom under TomTom Pvt.Lt

INTEREST
Facility and Utility management, Disaster management, Environmental sustainability

SKILLS
Team management, Leadership, Good Listener



S . KARTHIKA

PROJECT
Irrigation management based on spatial estimation of evapotranspiration using remote sensing for Ludhiana, Punjab

DEGREE
B.Sc. Botany and Zoology

INTERNSHIP
Intern- Avakaza geosciences research and technologies (AGSRT), Bangalore

INTEREST
Precision agriculture, Environment monitoring, Climate studies

SKILLS
Adaptability, Team work, Communication, Problem-solving



SAIKAT MITRA

PROJECT
Urban Expansion and Landslide Susceptibility Mapping

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Urban growth, GIS Analytics & Spatial Analysis, Earth Observation & Remote Sensing

SKILLS
Teamwork, Adaptability, Time management, Quick learner



SANSKRITI SHAW

PROJECT
Prediction Modelling of Urban Sprawling Along the Adjacent Area of Burdwan Town using Geospatial Approach

DEGREE
B.A. Geography (Hons.)

INTEREST
Urban and Regional Planning,Remote Sensing and GIS,Spatial Analysis

SKILLS
Good Listener, Teamwork and Collaboration, Time Management



SATHI BAIDYA

PROJECT
GeoAI-Driven Spatial Assessment and Prediction of Microplastic Pollution Hotspots in the Narmada River Using GIS and Machine Learning

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Automation, Machine Learning & Artificial Intelligence, GIS & Spatial Analysis

SKILLS
Communication Skills,Problem-Solving,Teamwork & Collaboration,Time Management,Adaptability



SHAFIA SAMEEN

PROJECT
Geospatial Suitability Analysis for Transit-Oriented Development Along Ahmedabad Janmarg BRTS Network

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
Summer Internship at Orissa Space Applications Centre (ORSAC)

INTEREST
Urban planning - Green spaces in urban areas, spatial modelling of cities, Vegetation mapping, Disaster management

SKILLS
Collaboration, Adaptability, Planning and Organization



SHANTANU SARKAR

PROJECT

Potential zones identification for harvesting wind energy resources in West Bengal Costal Region – A multi criteria evaluation approach using remote sensing and GIS

DEGREE

B.Sc. Geography (Hons.)

INTEREST

Renewable and Sustainable Energy, Urban Infrastructure Development & Planning, Climate and Atmospheric Analysis

SKILLS

Data-Driven Decision Making, Teamwork & Collaboration, Adaptability



SHARON GEORGE

PROJECT

Post-2024 Marine Heatwave Benthic Change and Early Recovery Assessment in Lakshadweep Using Sentinel-2 Data

DEGREE

- B.Sc. Biology
- M.Sc. Conservation and Biodiversity

INTERNSHIP

- AI and ML Intern at Nest Digital, Kochi
- Data Analyst at The Echo Network, Bangalore (remote)

INTEREST

Environmental/ biomonitoring using GIS and RS, Disaster Management and Conservation, AI/ ML Automation

SKILLS

Critical and Analytical Thinking, Adaptability/ Versatility, Communication, Collaboration



SUDHANSHU LALIT SHINTRE

PROJECT

Eflow Assessment of Himalayan river using Remote Sensing

DEGREE

B.Sc. Geology

INTEREST

Urban Planning and Development, Drones and Uav, Hydrology and eco hydrology

SKILLS

Time Management, Team Work, Strategic Thinker, Learning Mindset



SHREYA BOSE

PROJECT
Seasonal Variability of Air Pollution in Guwahati, India: A Geospatial and Machine Learning Approach for Sustainable Urban Air Quality Management

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Urban utility & Smart Cities planning and mapping, GIS Analytics and Spatial Analysis, Environmental Planning

SKILLS
Adaptability, Teammwork, Quick Learner, Detail Oriented



SHRUTI

PROJECT
GeoAI-based Urban Environmental Forecasting

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
GIS intern, ARSNDTOD, at NCRTC (June-July 2026)

INTEREST
Urban Planning, Location Intelligence, GeoAI

SKILLS
Problem Solving, Teamspiritedness, Adaptability, Leadership



SHWETA GHIMIREH

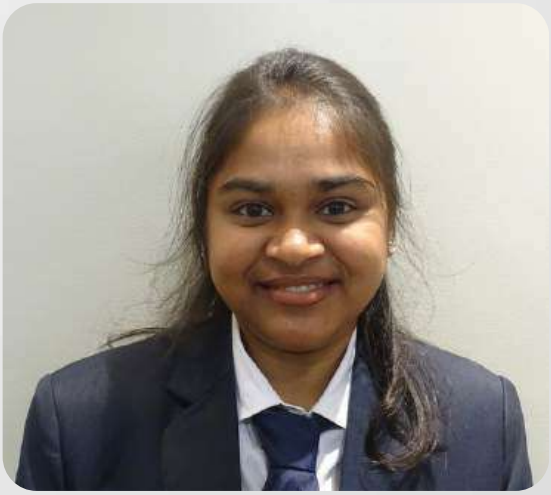
PROJECT
GeoAI-Based Assessment of Metro Accessibility and Urban Growth Dynamics Using Multi-Temporal Remote Sensing and Machine Learning: A Case Study of the Delhi Metro Blue Line

DEGREE
- B.A. Geography (Hons.)
- M.A. Geography (Hons.)

INTERNSHIP
Intern at India Meteorological Department (2022)

INTEREST
Urban and regional planning, GeoAI, Location intelligence

SKILLS
Observant ,Team Collaboration, Adaptibity and Communication



SIMPI MALLICK

PROJECT
Integrated Geospatial/Intelligence for urban service accessibility, road network effiency and optimal facility planning: A comparative study of Bhubaneshwar and Ranchi through spatial analytics and WebGIS

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
Summer Intern at Micro Solutions

INTEREST
Urban Planning,Hydrology,Resource Management

SKILLS
Team Managment,Communication, Problem solving, Adaptibility



SNEHA BOSE

PROJECT
GIS Applications on Biofuel Supply Chain

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Location Intelligence for Sustainable Bioenergy Logistics, GIS-Driven Supply Chain Optimization , Network Optimization

SKILLS
Analytical Problem-Solving, Cross-Functional Collaboration, Communication



SNEHA GHOSH

PROJECT
Geospatial Analysis of Tourism-Driven Urbanization and Land Use Transformation in Coastal Areas

DEGREE
B.Sc. Geography (Honours) + PGD in Geoinformatics

INTERNSHIP
Cartographer at Futuresafe technologies,Noida(July 2023-March 2025)

INTEREST
Remote Sensing and Spatial analysis, Disaster management, urban planning

SKILLS
Time management, Adaptability, Team work



SNEHA GOYAL

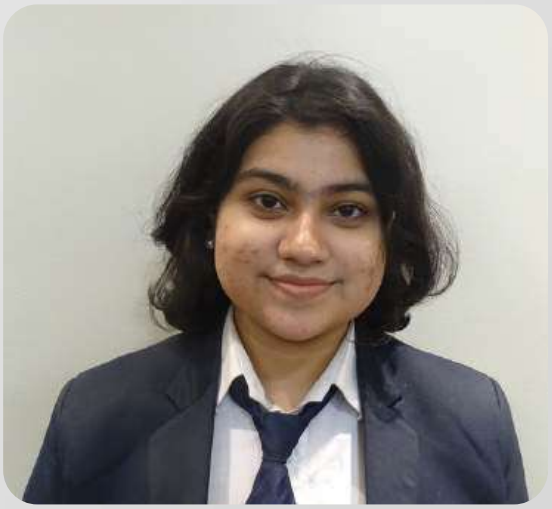
PROJECT
Spatio-Temporal Analysis and Future Prediction of Weather Variability in Dehradun, Uttarakhand

DEGREE
B.Sc. Geology (Hons.)

INTERNSHIP
India Space Lab Summer Internship and Technical Training Program 2026

INTEREST
Climate Studies, Spatial Analytics & GeoAI, Web GIS Development

SKILLS
Persistence, Adaptability, Observant, Teamwork



SOHINI CHAKRABORTY

PROJECT
Integrated cryo hydrospheric Water Security Index (CHWSI) for Upper Ganga Basin Using Geospatial Technology and LSTM -Based Future Prediction.

DEGREE
B.A. Geography (Hons.)

INTERNSHIP
Intern at Bidhannagar Govt College, Kolkata

INTEREST
Urban Development, Glacier, Hydrology -all by geospatial technology and Statistical Analysis and Machine Learning

SKILLS
Critical Analysis, Leadership, Good listening, and do accordingly, Critical Problem Solving, Try to do detailed work



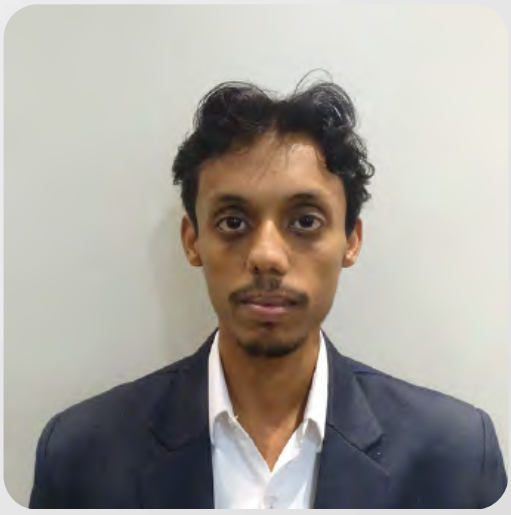
SOHON PARUI

PROJECT
Urban Flood Susceptibility Mapping Using Geospatial Technology And Cloud Computing Based On Hydrological Modelling

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
Urban and Regional Planning, Disaster Management, Spatial Analysis using GeoAI

SKILLS
Problem Solving, Continuous Learning, Adaptability,Team work



SOUBHIK SAHA

PROJECT

Evaluating Glacier Sensitivity to Changes in Atmospheric Moisture Transport under Climate Change using Remote Sensing and Reanalysis Data

DEGREE

- B.A. Geography (Hons.)
- M.Sc. Geography (Hons.)

INTEREST

Earth Observation Analytics, Urban Planning, Climate Monitoring

SKILLS

Team Work, Communication, Problem Solving, Adaptability



SOUMILI DEY

PROJECT

Integrated Climate Risk Intelligence for the Jostedalsbreen–Nigardsbreen Glacier System: A Spatio-Temporal Geospatial Analytics and Python Approach

DEGREE

B.Sc. Geography (Hons.)

INTEREST

Urban planning - infrastructure and smart cities, spatial analysis and GeoAI, Satellite analytics

SKILLS

Teamwork, Adaptability, communication, problem solving



SREEJA BHADURI

PROJECT

GeoAI-Based Business and Location Intelligence System for Market Analysis, Customer Behaviour Analytics, and Logistics Optimisation

DEGREE

B.A. Geography (Hons.)

INTEREST

GeoAI and Spatial Data Science, Urban Planning and Smart Cities, Location Intelligence and Business Analytics

SKILLS

Problem-Solving and Analytical Thinking, Communication, Adaptibility



SREEJITA KUNDU

PROJECT
Assessment of Urban Expansion, Green Space Dynamics and Their Environmental Implications in a Mountainous Urban Region Using Geospatial Techniques

DEGREE
B.Sc. Geology (Hons.)

INTERNSHIP
GIS Intern at Aeroscan Technology LLP

INTEREST
Web GIS Development, AI/ML for Spatial Analytics, Location Intelligence and Business Analytics, Digital Twin Models

SKILLS
Problem Solving and Analytical Thinking, Adaptability , Leadership and Team Communication



SRIJA ADHYA

PROJECT
Geospatial AI-Based Digital Twin Framework for Disaster Response, Resource Allocation, Relief Supply Chain Optimization, and Evacuation Planning.

DEGREE
B.A. Geography (Hons.)

INTEREST
UAV/Drone Mapping, Urban Planning & Smart Cities, LiDAR Data Processing

SKILLS
Adaptability, Stakeholder Communication, Team Collaboration, Learning Agility



SRITAMA HALDER

PROJECT
DRISHTI: an end to end Geospatial AI framework for real time Traffic violation detection, prediction enforcement and sustainable Urban mobility assessment using YOLOv8, GPS analytics, Digital Twin, carbon Impace modelling and 360 degree multi camera system and federated learning

DEGREE
B.Sc. Geology (Hons.)

INTERNSHIP
Senior Selling Partner Support Executive at Amazon Development Center India pvt. ltd.

INTEREST
Urban AI model development, GIS in mining sector, Energy(solar and hydropower) sector

SKILLS
Communication, Problem solving, Quick learner, Team handling and collaboration



SUBARNA SAHA

PROJECT
Coastal Sustainability and Landscape Health Assessment

DEGREE
B.Sc. Geography (Hons.) + PGD in Geoinformatics

INTERNSHIP
Cartographer at Futuresafe technologies,Noida(July 2023-March 2025)

INTEREST
Geospatial Analysis, Urban utility and facility, Disaster management

SKILLS
Problem solving, Time management, Team collaboration, Adaptability



SUDIPTA HORE

PROJECT
Predictive Modeling of Urban Waterlogging and Coastal Vulnerability Using Machine Learning: A Smart Geospatial Framework for Marine Spatial Planning in Mumbai.

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
AI Intern at Aeroscan Technology LLP

INTEREST
AI/ML for Geospatial Applications; GIS automation and Workflow Optimization; Hydrological and Environment Modelling

SKILLS
Communication, Problem Solving , Team Work and Collaboration, Leadership



SWAPNANIL SAHA

PROJECT
Predictive Urban Water Stress Mapping and Decentralised Infrastructure Siting in Bengaluru: A GeoAI Approach

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP

INTEREST
Spatial Analysis using GeoAI, Location Intelligence for Infrastructural Planning, Natural Resource Management

SKILLS
Communication, Problem Solving, Continuous Learning, Team Collaboration



SWARNALI DEY

PROJECT
Geospatial Assessment of Urban Blue-Green Spaces for Mitigating Thermally Distressed Zones in Ranchi Municipal Corporation

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Disaster management ,Urban Planning and development,AI/ML for Geospatial Applications

SKILLS
Adaptability, Team work, problem solving



THORAT PRATIKSHA GOVINDRAO

PROJECT
Machine Learning Enhanced Geospatial Assessment of Paddy Crop Water Requirement : A Case Study of Sangrur District, Punjab

DEGREE
B.A. Geography (Hons.)

INTEREST
GIS and Spatial analysis, Machine Learning, Agriculture Monitoring,Urban Planning,

SKILLS
Analytical Thinking, Problem Solving, Team Work,Adaptability



TIASA DEBNATH

PROJECT
Machine Learning based Prediction of Ground Water Drought in Betwa river basin under Climatic Change

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Urban planning, Disaster Management , Hydrology

SKILLS
Team work, Adaptability, Problem solving,Time management



TIASHA DAS

PROJECT
Land Use Transformation and Impact of Tourism in Coastal Area

DEGREE
B.Sc. Geology (Hons.)

INTEREST
Urban and Regional Planning, Disaster Management, Environmental Monitoring

SKILLS
Time management, Communication Skills,Adaptabillity, Team work



TIRSHA BISWAS

PROJECT
Individual Tree-Level Physiological Assessment of an Amla Orchard Using UAV-Based VNIR-SWIR Hyperspectral Imaging

DEGREE
B.Sc. Geography (Hons.)

INTERNSHIP
Regional Remote Sensing Centre (RRSC) - West,
Indian Space Research Organisation(ISRO)

INTEREST
Urban & Regional Planning, Environment & Natural Resource Management, Remote Sensing & GIS Applications

SKILLS
Analytical thinking , Problem solving , Research aptitude ,Adaptability



TITHI SAHA

PROJECT
Explainable Machine Learning-based Urban Flood Susceptibility Assessment Under Climate Variability In The Teesta River Basin, Eastern Himalaya

DEGREE
B.Sc. Geography (Hons.)

INTEREST
Urban, Climate variability, AI/ML

SKILLS
Time management, problem solving, communication



VAGYASHREE NEOGI

PROJECT

AI-Based Streamflow Prediction over Selected Basins of the Godavari River

DEGREE

B.Sc. Geography (Hons.)

INTERNSHIP

National Institute of Hydrology, Centre for Cryosphere and Climate Change Studies

INTEREST

Hydrological Modeling, GeoAI & Machine Learning,Remote Sensing & Climate Analytics,GIS & Spatial Analysis

SKILLS

Analytical Problem-Solving, Adaptability & Continuous Learning,Communication & Data Storytelling,Collaboration & Teamwork



VIBHA LAKRA

PROJECT

AI-Based WebGIS Platform for Flood Susceptibility, Exposure, and Risk Assessment in the Patna Metropolitan Area.

DEGREE

B.Sc. Geography (Hons.)

INTERNSHIP

On Job Training at TomTom India Pvt.Ltd

INTEREST

Urban planning, disaster management, resource management

SKILLS

Attention to Detail, Analytical Thinking, Research Orientation, Learning Ability, Curious to Learn

PLACEMENT CELL



Mr. Prashant Parekar
PLACEMENT SUPERVISOR



Shruti
PLACEMENT HEAD



Devansh Negi
DEPUTY PLACEMENT HEAD

PLACEMENT COMMITTEES

ALUMINI COMMITTEE



Komal Niwane
COMMITTEE HEAD

- Ahana Dey
- Anushka Mondal
- Sudipta Hore

BROCHURE COMMITTEE



Sreejita Kundu
COMMITTEE HEAD

- Aditi Bera
- Insha Ejaz
- Aditi Majhi

DRIVE COORDINATION COMMITTE



Sneha Goyal
COMMITTEE HEAD

- A. Samhita
- Sneha Bose
- Tithi Saha

CALLING- MAILING COMMITTEE



Debanjali Roy
COMMITTEE HEAD

- Riyanka Banerjee
- Ankita Banerjee
- Drishya Pradeep

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COMMITTEE HEAD

- S. Karthika
- Nupur Wadha



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Closed on Sundays and Public Holidays