



Centre of Excellence on Land Governance (CoELG)

Assam Survey & Settlement Training Centre, Rajahnagar, Dakhingaon, Guwahati-781040

COE Establishment Status (As on 13th December 2024)

COE Name: Centre of Excellence on Land Governance (CoELG), O/O Assam Survey & Settlement Training Centre, Rajahnagar, Dakhingaon, Guwahati-781040, Assam (coeassam@gmail.com)

States/UTs under COE: *Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, Sikkim*

Operationalized: *18th October, 2024*

Manpower Status

S.No.	Resource	Name	Email ID	Phone	Work Experience
1.	Director	Sri Prabir Kumar Dutta, ACS	Prabir.hindustan@gmail.com	9435119415	12 th year in Assam Civil Service
2.	Land Record Expert	Two names have been selected in panel. Finalization to be done shortly			
3.	IT & GIS Expert	Hiring under process. To be done shortly			
4.	Research Scholar (IT & GIS)	Smti. Upasana Choudhury	choudhuryupasna@gmail.com	7896129108	3.5 Years
5.	Research Scholar (Legal Matter)	Sri Sujit Bora	doobora737@gmail.com	6003448586	6 Years
6.	Training Coordinator	Smti. Juri Kalita	juriekalita9706@gmail.com	6000287459	4 Years
7.	GIS Assistant	Smti. Ritishna Kasahyap	ritrishnakashyap40852@gmail.com	8472851970	NA

Office Setup Status

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S.No.	IT equipment	Number / Details	S.No.	Particulars	Area Allocated
1.	Laptops/PCs	2 (two) Laptop*	1.	Cubicles	250 Sq.Ft.
2.	Printers	2 (two)*	2.	Conference room	2450 Sq.Ft.
3.	Communication Network	NIC Net & JioAirFiber in-built in the campus	3.	Meeting room	Same as Conference room
4.	Display units	1 (one) Smart LED provided for official use from ASSTC	4.	Office room	2500 Sq.Ft.
5.	Any others	Stationery items, PA System, 50 Desktop systems are available in two computer labs for use by CoE Officials, 10 DGPS, 10 Handheld GPS, 10 ETS are available for use by CoE Officials	5.	Any others	Two Computer Labs, Library, Additional Classrooms

* Additional Procurement of 4 Nos. of Laptop, 2 Nos. of Printer & 1 Nos. of Printer is under process out of the allotted CoE budget available till 31st March, 2025

Activity Status (for the FY 2024-25)

S.No.	Activity	Achievement Till Date (State/UT wise)	Action Plan (State/UT wise)
1.	Impact & Evaluation Study on land governance	Development of a concept paper on "Roadmap for Mitigating Land Disputes in North Eastern States" is under way. Completion percentage: 20%	➤To identify key factors driving disputes and the pivotal role of officials in resolving them. ➤To suggest strategies like improved land records and transparent policies. <i>Tentative timeline of completion: 28th Feb., 2025</i>
2.	Documentation of Best Practices	A compilation on "Best Practices in Land Governance Training from States Across India: Potential Benefits for North Eastern States" is under way. Completion percentage: 40%	➤To identify and integrate the most effective land governance training practices from states across India, and successful models ➤To enhance the capacity and efficiency of North Eastern State's land governance system by adopting best practices in areas like digital land records management, policy implementation, skill development, and public engagement ➤To improve the state's land administration, optimize resource use, and ensure sustainable land governance that meets the needs of North Eastern State's people. <i>Tentative timeline of completion: 31st Dec., 2024</i>

S.No.	Activity	Achievement Till Date (State/UT wise)	Action Plan (State/UT wise)
3.	Technical Assistance in survey/re-survey using ETS/ DPGS, drones, LiDAR etc	➤ Assistance in capacity building, training, hands-on etc. to Revenue Functionaries ➤ Assistance in Mission Basundhara Survey/Resurvey works	➤To provide conceptual overview on Training, troubleshooting, feedback generation, quality checking, quality control and user acceptance testing to Land Surveyors using ETS, DGPS, Drone, RTK Rover etc.
4.	Hands-on training of open-source GIS Software to local revenue functionaries.	A 1-Day training on practical demonstration of applications of ETS, DGPS, GPS etc. already held	<i>Date of training: 30th Nov., 2024 (already completed)</i>
5.	Training with special focus on emerging technologies for Urban and Rural areas	2-Day capacity Training on "Geospatial Technologies for Leveraging Technology in Land Governance, Covering GIS Fundamentals and Practical Applications"	➤To familiarize circle officials with the Geographic Information Systems (GIS) and its application in land governance ➤To equip them with practical skills to manage land records, mapping and spatial data ➤To demonstrate how geospatial technologies can improve land administration, land-use planning, and monitoring. <i>Date of training: 23rd-24th Dec., 2024</i>

S.No.	Activity	Achievement Till Date (State/UT wise)	Action Plan (State/UT wise)
6.	Support in various activities of DILRMP & NAKSHA	1. Glossary of Revenue terms Assam Phase-I & II completed, Phase-III is under way 2. Research Scholar (GIS & IT) & GIS assistant notified for the NAKSHA Programme	<i>Tentative timeline of completion of Glossary Assam Phase-III : 20th Dec., 2024</i>
7.	Study of various acts related to urban and rural land records and titling etc.	<p>➤ A study on “Customary Land Tenure Systems of North Eastern States and Their Legal Recognition” is under way. Completion percentage: 40%</p> <p>A study on “ Best practices on Land Reform/ Ceiling Acts/Tenancy Laws” is proposed to be taken up. Completion percentage: Yet to be started</p>	<p>➤ To examine traditional land practices and their alignment with formal legal frameworks ➤ To highlight challenges like conflicts with state policies and gaps in recognition ➤ To offer recommendations to balance traditional rights with modern governance for equitable land management.</p> <p><i>Tentative timeline of completion: 15th Jan., 2025</i></p> <p>➤ To imbibe the best practices of land reform Acts across the country with a comparative analysis of land reform Acts across North East.</p> <p><i>Tentative timeline of completion: 31st Mar., 2025</i></p>
8.	Glossary of various terms	Glossary of Revenue terms Assam Phase-I & II completed, Phase-III is under way	<i>Tentative timeline of completion of Glossary Assam Phase-III : 20th Dec., 2024</i>

S.No.	Activity	Achievement Till Date	Action Plan
9.	Formulating standards related to Land Parcels as per NGP 2022	<p>➤ Developing a concept paper for standardizing North East land parcel boundaries for hilly & forested regions. Completion Percentage: 10%</p>	<i>Tentative timeline of completion: 31st Mar., 2025</i>
10.	Research & Development	<p>➤ To examine the relationship between land use change and socio economic factors using spatial analysis. Completion Percentage: 20%</p> <p>➤ To investigate the role of GIS in land rights, documentation & verification. Completion Percentage: 30%</p> <p>➤ To analyse the futuristic role of GIS in land valuation. Completion Percentage: Yet to be started</p> <p>➤ To conduct a systematic review of existing literature on land governance and GIS applications and the gaps that GIS can fill in. Completion Percentage: Yet to be started</p>	<p>➤ <i>Tentative timeline of completion: 15th Jan., 2025</i></p> <p>➤ <i>Tentative timeline of completion: 20th Jan., 2025</i></p> <p>➤ <i>Tentative timeline of completion: 31st Jan., 2025</i></p> <p>➤ <i>Tentative timeline of completion: 10th Feb., 2025</i></p>

S.No.	Activity	Achievement Till Date	Action Plan
11.	Creative and innovative proposals related to Land Administration, Management or Governance in terms of functions and facilities	Proposal for Certificate Course on Basic Remote Sensing and GIS Mapping (1 month) is being prepared. Completion Percentage: 30%	➤ A Task Force comprising of a Retired Sr. Consultant, Research Scholar (IT & GIS) & GIS Assistant has been constituted for drafting the proposal. <i>Tentative timeline of completion: 31st Dec., 2024</i>
12.	New institutional base for executing the programmes / projects by strengthening the existing infrastructure	<ul style="list-style-type: none"> ➤ Proposal for a Stand-alone office setup which includes Conference Hall, Date Centre, Chambers of Officers/ Faculty/ Specialist/Staff, Computer Laboratory, Server Room, State-of-the-art Hybrid cum Digital Library, Geospatial Survey Unit. ➤ Proposal for additional Manpower which includes Faculty (Remote Sensing): 2 positions Faculty, (GIS): 2 positions, IT Officer: 1 position, Network Administrator: 1 position, Lab Demonstrator: 2 positions ➤ Proposal for additional IT equipments & Survey accessories to give a phillip to Capacity Building & Research. 	<i>Tentative timeline of completion: proposed for the FY 2025-26</i>

S.No	Activity	Achievement Till Date	Action Plan
13.	Collaborations in the domain of Land Governance	Preliminary discussion for collaboration with National Law University & Judicial Academy, Assam, North East Space Application Centre, Assam State Space Application Centre is being initiated	Area of collaboration: <ul style="list-style-type: none"> ➤ National Law University & Judicial Academy, Assam: Research initiatives, workshops, and training programs focused on evolving legal frameworks in Land Governance ➤ North East Space Application Centre: Technological Infusion ➤ Assam State Space Application Centre: Geospatial Technologies <i>Tentative timeline of completion of collaboration: 28th Feb., 2025</i>
14.	Network of institutes for capacity building	North East Geospatial Conclave Status: Proposal & detail agenda note is being prepared	<ul style="list-style-type: none"> ➤ To introduce the newly established Centre of Excellence for Land Governance in Assam, foster collaboration among stakeholders from North Eastern States to share best practices and challenges in land governance, and strengthen regional networks for enhanced land administration. ➤ To showcase innovative solutions and strategies for improving land governance and capacity building in the region. <i>Date of Conclave: 29th January 2025</i>
		2. Two -Day Capacity Building Workshop on Land Acquisition Practices- Compensation Determination, Market Value Assessment & Mitigating Procedural Lapses in Land Acquisition Status: Proposal & detail agenda note is being prepared	<ul style="list-style-type: none"> ➤ To help participants improve their skills in fair compensation, land value assessment, and following legal rules, making land acquisition smoother and more transparent. ➤ It will also prepare them to handle disputes, address complaints, and use modern tools for better decisions. <i>Date of Training: 20th – 21st January 2025</i>
		3. Webinar on Pathways for Ushering in a Land Governance Assessment Framework (LGAF) Regime Across North East Status: Proposal & detail agenda	<ul style="list-style-type: none"> ➤ To introduce the Land Governance Assessment Framework (LGAF) as a tool for evaluating land governance performance, with a focus on its application across revenue training institutes in the North East. <i>Date of Webinar: 4th February 2024</i>

S.No.	Activity	Achievement Till Date	Action Plan
15.	Compilation of all books, journals, publications in the area of land related issues	<ul style="list-style-type: none"> ➤ Ready Reckoner compilation on “Application of Geospatial technologies in Land Governance” Completion Percentage: 100% ➤ Development of a Handbook on “Case studies of Land Reform Acts in North Eastern states” is under way. Completion Percentage: 30% ➤ Development of Land Acquisition Manual for North Eastern States is under way. Completion Percentage: 35% ➤ Compilation of Statutes governing VGR/PGR Policies of North Eastern States is under way. Completion Percentage: 25% ➤ Compilation of “Land settlement Policies of North Eastern States”. Completion Percentage: 20% 	<ul style="list-style-type: none"> ➤ Completed ➤ <i>Tentative timeline of completion: 31st Jan., 2025</i> ➤ <i>Tentative timeline of completion: 31st Jan., 2025</i> ➤ <i>Tentative timeline of completion: 20th Feb., 2025</i> ➤ <i>Tentative timeline of completion: 28th Feb., 2025</i>
16.	Designing courses for Training of Trainers	<p>Developing module for Case study based learning methodology is under way. Completion Percentage: 20%</p> <p>Preparation of video tutorials is under way. Completion Percentage: 40%</p> <p>Development of a Proposal for Land Governance Training Policy for Land Governance Officials (of North Eastern States) is under way. Completion Percentage: 10%</p>	<p><i>Tentative timeline of completion: 31st Jan., 2025</i></p> <p><i>Tentative timeline of completion: 10th Jan., 2025</i></p> <p><i>Tentative timeline of completion: 31st Mar., 2025</i></p>

Additional activities to be undertaken by the Centre

S.No.	Activity	Achievement Till Date	Action Plan
1	Development of a Website for Centre of Excellence	Layout design is completed Completion Percentage: 50%	<i>Tentative timeline of completion: 31st Dec., 2024</i>
2	Analyses of the impact of land fragmentation on agricultural productivity using GIS	Yet to be started	
3	Development of Research GIS based solutions for land dispute resolution	Yet to be started	
4	Development of GIS-based decision support systems for land allocation	Yet to be started	
5	Investigation of the role of GIS in land use planning and zoning	Primary data collection is under process. Completion Percentage: 15%	<i>Tentative timeline of completion: 31st Mar., 2025</i>
6	Drafting & publication of Journals of the Centre of Excellence	A Journal by the name of “Bhu-Gyan” is being conceptualized. Completion Percentage: 10%	<i>Tentative timeline of completion: 31st Mar., 2025</i>
8	Setting up of e-library	Design & Layout is being conceptualized. Completion Percentage: 10%	<i>Tentative timeline of completion: 20th Feb., 2025</i>
9	Development of a e-feedback mechanism	Yet to be started	
10	Social media handle of CoE	Functional	

ACTION PLAN OF COE, ASSAM FOR FINANCIAL YEAR 2025-26

S.No.	Activity	Achievement Till Date	Action Plan and tentative timeline of completion
1	Impact & Evaluation Study on Land Governance	A study on development of a Performance Indicator Matrix with regards to elevating citizen centric delivery and drafting benchmark standards. Completion Percentage: Yet to be started	<i>Tentative timeline of completion: 30th April, 2025</i>
		A study on core competency mapping of land governance Officials Completion Percentage: Yet to be started	<i>Tentative timeline of completion: 31st May, 2025</i>
2	Documentation of Best Practices	Documenting best practices adopted by States for technological interlinking of land records for fusion into the North Eastern Governance model. Completion Percentage: Yet to be started	<i>Tentative timeline of completion: 31st July 2025</i>

S.No.	Activity	Achievement Till Date	Action Plan
3	Technical Assistance in survey/re-survey using ETS/ DPGS, drones, LiDAR etc	<ul style="list-style-type: none"> ➤ Assistance in capacity building, training, hands-on etc. to Revenue Functionaries ➤ Assistance in Mission Basundhara Survey/Resurvey works 	To provide conceptual overview on Training, troubleshooting, feedback generation, quality checking, quality control and user acceptance testing to Land Surveyors using ETS, DGPS, Drone, RTK Rover etc.
4	Hands-on training of open-source GIS Software to local revenue functionaries.	<p>A 3-Day GIS capacity building workshop with hands-on facilitation is being proposed. Details of schedule & modules is being prepared.</p> <p>Completion Percentage: Yet to be started</p>	<i>Tentative date of training : 2nd - 4th April, 2025</i>
5	Study of various acts related to urban and rural land records and titling etc.	<p>To develop a concept paper on land transfer mechanism of States across India & adoption of best practices for a simplified land transfer regime.</p> <p>Completion Percentage: Yet to be started</p>	<i>Tentative timeline of completion: 31st May, 2025</i>

S.No.	Activity	Achievement Till Date	Action Plan
6	Formulating standards related to Land Parcels as per NGP 2022	<ul style="list-style-type: none"> ➤ Assistance to States in development of SOP for drone flying in shadow areas. <p>Completion Percentage: Yet to be started</p>	<ul style="list-style-type: none"> ➤ <i>Tentative timeline of completion: 31st August 2025</i>
7	Research & Development	<ol style="list-style-type: none"> 1. Gender and Land Rights in the North Eastern States 2. Erosion Susceptibility Mapping and Risk Assessment in Northeast India Using AI and Remote Sensing Techniques 3. Urban Expansion and Smart Land Use: A GIS Perspective in Northeast India <p>Completion Percentage: Yet to be started</p>	<i>Tentative timeline of completion: 31st Dec., 2025</i>

S.No.	Activity	Achievement Till Date	Action Plan
8	Network of institutes for capacity building	Preliminary discussion with the following Organisations have been initiated for the legal perspective & technological infusion measures 1. North Eastern Space Application Centre 2. National Law University Judicial Academy, Assam 3. Assam State Space Application Centre 4. Assam Agricultural University	
9	Compilation of all books, journals, and publications in the area of land-related issues	1. Handbook on Roadmap ahead for technological infusion and applications of Geospatial technologies in streamling land acquisition. 2. Handbook on Statutes governing "Wetland preservation & conservation" using Geospatial technologies 3. Handbook on Devising a roadmap for preservation of land belonging to socio-cultural heritage institutions of North Eastern States. Completion Percentage: Yet to be started	➤ <i>Tentative timeline of completion: 31st Oct., 2025</i> ➤ <i>Tentative timeline of completion: 30th Nov., 2025</i> ➤ <i>Tentative timeline of completion: 31st Dec., 2025</i>

S.No.	Activity	Achievement Till Date	Action Plan
10	Creative and innovative proposals related to Land Administration, Management or Governance in terms of functions and facilities	➤ Proposal for Diploma Course in Land Acquisition, Rehabilitation & Resettlement (4 months) ➤ Proposal for Certificate Course on Drone Technology & Data Integration in GIS (1 month) ➤ Proposal for Certificate Course on Digitization of Maps (2 Weeks) Completion Percentage: Yet to be started	<i>Tentative timeline of completion: 31st July, 2025</i>
11	Training with special focus on emerging technologies for Urban and Rural areas	A 2-Day capacity building training on demonstration on CORS & RTK Rovers for Land Governance Officials. Completion Percentage: Yet to be started	➤ To familiarize circle officials with the Geographic Information Systems (GIS) and its application in land governance ➤ To equip them with practical skills to manage land records, mapping and spatial data ➤ To demonstrate how geospatial technologies can improve land administration, land-use planning, and monitoring. <i>Tentative Date of training: 19th & 20th June, 2025</i>

S.No.	Activity	Achievement Till Date	Action Plan
12	Designing courses for Training of Trainers	<ul style="list-style-type: none"> ➤ Developing course module for training on resettlement & rehabilitation post land acquisition ➤ Developing course module for training on compensation, zonal value, solatium, award determination under the RFCTLARR Act, 2013 <p>Completion Percentage: Yet to be started</p>	<ul style="list-style-type: none"> ➤ <i>Tentative timeline of completion: 30th June, 2025</i> ➤ <i>Tentative timeline of completion: 30th June, 2025</i>

REQUEST FROM DOLR

- To kindly consider facilitation of on-boarding all the North Eastern States, so as to achieve the objectives of the Centre in a more seamless manner.
- To consider approving additional requirements in relation to infrastructure for upgradation of the Centre of Excellence.

THANK YOU