Esri India
Centre of Competence
Bridging Industry with Academia

Geospatial technology is relevant in almost all fields and is at the heart of all major digital transformation initiatives. Whether it is defence, infrastructure, agriculture, transportation, BFSI, retail, supply chain, natural resources, mining, environment, or social sector, each of these rely heavily on geospatial infrastructure for their success.

As per industries estimate, total worth of geospatial market in India is projected to grow nearly 1 lakh crore by year 2029-30 and has a potential to employ nearly 10 lakh people by 2025. However, there is a dearth of trained workforce in the Indian geospatial industry.

Education and Training in the Geospatial field thus becomes extremely important, and academia has a huge role to play to shape the future of the geospatial economy by ensuring that geo-professionals of tomorrow are well equipped to meet the emerging challenges of a digital revolution. New guidelines for liberalisation of acquisition of geospatial data and geospatial data services clubbed with the new National Education Policy (NEP) offer immense potential to foster spatial thinking in the young minds.

At Esri India, one of our missions is to partner and empower academic community with necessary tools and technologies needed for future-ready students to bridge the gap of skill availability in the country. We collaborate with universities and academic institutions for building capacity and skills in Geospatial technology for various domains through establishing a **Center of Competence at the academic institute.**

This establishment of Center of Competence at the academic institute aims to

1. Bring the students from different skillset together under the single forum that can help develop cross domain skills.
2. Develop Software Infrastructure that can be utilized by the students from "anywhere, any time and any device". This will enable the students to
   a. Access the software from their own machines.
   b. Work on latest GIS technology that can be used together with different IT technologies like AI, Deep Learning and Machine Learning.
   c. Get access of unlimited e-learning content available at My Esri Learning portal.
3. Project mentoring on application development modules from Esri India team. This will give the students capability and skill set to work in the areas in demand from industry.

What does the academic institution get?

GIS Infrastructure
- Institution wide Licenses
- Latest Software upgrades with installation support
- Flexible deployment of software
- Online technical assistance

Capacity building
- Online training
- Integration of GIS skills into existing mainstream courses of the institute
- Faculty / Student activities to harbour the spirit of innovation and research
- Engagement activities

Industry Interaction
- Regular Webinars
- Exposure to Esri online training portals and communities
- Limited Internship opportunities for the students
- Project Mentoring

The Capacity Building and Industry Interaction activities mentioned above are customised & planned on mutual agreement and delivered for the term of the engagement of Centre of Competence.

The GIS Infrastructure includes the following select software and components that are available as way of Institution wide agreement and gives unlimited access to 50-2500 users.

S. No.	Software Description	Additional Details
1	**ArcGIS Desktop Pro** **ArcGIS Desktop Advanced** **ArcGIS Desktop Extensions including 10 extensions**	**ArcGIS Pro** ArcGIS Pro provides professional 2D and 3D mapping in an intuitive user interface. It provides advanced visualization, analytics, image processing, data management, and integration.
2	**City Engine Advanced**	**City Engine** Esri City Engine improves urban planning, architecture, and design Using 3D visualization.
3	**ArcGIS Enterprise Advanced (ArcGIS Server and Portal) including following extensions:** • 3D Analyst • Data Interoperability • Data Reviewer • Geostatistical Analyst • Network Analyst • Schematics • Spatial Analyst • Workflow Manager	**ArcGIS Enterprise** ArcGIS Enterprise pairs mapping and analytics capabilities with a dedicated Web GIS infrastructure to organize and share work on any device, anywhere, at any time.
4	**ArcGIS Online (100 Credits per user) Including Apps** • ArcGIS Earth • Explorer for ArcGIS • Web Mapping Apps • Collector for ArcGIS • Survey123 for ArcGIS • ArcGIS Dashboards • Workforce for ArcGIS • Insights for ArcGIS	**ArcGIS Online** ArcGIS Online is an online, collaborative web GIS that allows you to use, create, and share maps, scenes, apps, layers, analytics, and data. You get access to Living Atlas of the World, apps, and Esri's secure cloud, where you can add items and publish web layers.

Interested to collaborate with us to establish a **Center of Competence** at your institute?
Write to us at **info@esri.in** for a detailed discussion.

Esri India Technologies Private Limited
(erstwhile Esri India Technologies Ltd)

Max Towers, 10th Floor, Sector 16B,
Noida, Uttar Pradesh 201301
Tel : 1800-102-1918
Email : info@esri.in
Web : esri.in

esri India
THE SCIENCE OF WHERE™