



3 Months Certificate Course on **Arc GIS for Professional** [Online]



COURSE DETAILS

Batch- 3

Who can Apply: Students/ Faculties in any University/College/Research Institution/ officials

No of Seats: 40

Mode of Class: Online

Class Timing: Sunday & Wednesday [6.30-8.30PM]

Special Classes: Application based special classes will be taken by the personalities from other Govt. and industrial organizations

Course Fees: 2999/-

Course Syllabus: As per the industry format

Certificate will be issued on behalf of IIGST

Last Date of Application: 15 December, 2022

Classes will commence from: 2 January 2023

APPLICATION LINK & BANK DETAILS

<https://bit.ly/3U5yoIH>

MAJOR CONTENTS

1. Basics concept of GIS, Overview of ArcGIS, software, Data Input/Import, Geo-referencing: Shape files preparation, Point, Line, Polygon files, Editing, Error Correction. 2 Image Geo-referencing (image to image, image to ground), metadata editing, projection, Datum using. Image classification, Image split/cropping, Image Mosaicking, 3 Use of ArcGIS Tools, Spatial analysis. Vector Creation including Geo-database Design, Add XY data, external data attachment, create relationship, query. 4 Creation of Thematic map, Create annotation, Layout generation. Surface model and surface analysis: TIN/DEM creation, slope/aspect, hill shade, view shade. 5 Advanced Geospatial Analysis: Arc Scan- Automated R2V conversion, Geo-processing, Network analysis, Suitable site finding, shortest path analysis. 6 Identification of Spatial analyst tools: Density, distance, interpolation, map algebra, hydrology, re-class and surface toolset 7 Problem solving in ArcGIS work, 8.GIS project