

Anna University :: Chennai -600 025

University Departments

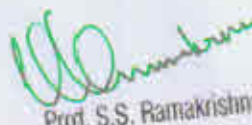
B.E. Geoinformatics

ACTION TAKEN REPORT

on the feedback from the Student/Parent/Employer/Alumni/Teacher

Based on the feedback from the students, subject experts/teacher, employer and alumni including parents, the curriculum and syllabi of Regulations 2015 pertaining to B.E. Geoinformatics have been modified in Regulations 2019 as per the suggestions and requirements, as detailed below:

- (1) Two units have been completely modified with regard to "Physics for Geoinformatics Engineering" so as to enable the students of Geoinformatics Engineering to have more specialized knowledge in current trends.
- (2) The course "Matlab Programming and Applications" has been introduced so as to meet the meet the industrial requirement as Theory cum Practical course.
- (3) The laboratory course has been introduced as "CUSTOMIZATION LABORATORY" to have practical exposure on Basics of scripting Python, Open layers, File Handling (reading/writing) GUI based application development, Spatial Data handling using the scripts, Reading of shape file (Point, Line and Poly), Displaying shape file, Reading of PostGIS data, Displaying of PostGIS data, Changing layer symbology etc. to meet the current industry requirement . as a complete package.
- (4) The theory course "Geospatial analysis with R Programming" has been introduced as a core subject to expose the variables, expressions, control stations of R programming, to use R Programming for Analysis of data and visualize outcome inform of graphs, charts and to analysis data using various statistical tools like correlation and regression.



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