M.E. REMOTE SENSING & GEOMATICS

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 M.E. REMOTE SENSING & GEOMATICS have been modified in Regulations 2019 as per the suggestions and requirements, as detailed below:

(1) The necessary corrective actions have been taken based on the feedback from the respective stakeholders on view of the current requirement on industry and future perspectives of the students.

(2) The course "Matlab Programming" has been introduced as Theory cum Practical course so as to meet the industrial requirement, to enable the student to understand basic MatLab functions to enable to solve mathematical problems related to differentiation and integration, to enable to solve problems related to Liner and Non Linear equations to correct the same to geospatial algorithms, to enable to solve transformations of geospatial problems and to make to develop skills in geospatial tool box and map making.

(3) The course "Python and R Programming" has been introduced as Elective to expose students to various concepts and capabilities of python scripting language, to familiarize students to write simple programs in python for spatial data storage and nalysis and to expose students to concepts and capabilities of R programming.

(4) The course "Internet of Things" has been introduced with latest trends in development of internet world on informative process and to understand Smart Objects and IoT Architectures, To learn about various IOT-related protocols, to build simple IoT Systems using Arduino and Raspberry, to understand data analytics and cloud in the context of IoT and to develop IoT infrastructure for popular applications.

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