



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' Approved by AICTE ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

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DEPARTMENT OF CIVIL ENGINEERING

Program: M. Tech (Geo Informatics)

Academic Year 2018-2019

Course Code	Course Name	Description of Course Outcome
18CE5109	Fundamentals of Geospatial Technology	Understanding the fundamentals of geospatial technology
		Understanding about physics of remote sensing
		Understanding about remote sensing platforms and sensors
		Understanding about Visual Image Interpretation and Image Analysis
18CE5110	Geographical Information System	Understanding about the Geographical information system
		Understanding about GIS data management
		Understanding about the GIS data input and data editing
		Understanding about data quality of GIS
18CE5111	Advanced Computer Programming & Statistics	Report preparation on GIS
		Understanding about the Computer basics and Arithmetic operators
		Understanding about the Constructors
		Understanding about the Concept of Random variables
18CE5112	Photogrammetry	Understanding about the Concept of testing of hypothesis critical region
		Knowing and Understanding about basic concept of Photogrammetry
		Understanding about the Stereo Photogrammetry
		Understanding about the control for Arial photography
18CE51E1	Principles of Earth & Environment Sciences	Understanding about the aerial triangulation
		Knowing and understanding the Fundamentals of Earth Sciences
		Knowing and understanding the Fundamentals of Geomorphology
		Understanding about the Scope of ecology in environmental management
18CE51F2	Environmental Geoinformatics	Understanding about the Structure and Function of Ecosystem
		Knowing and understanding about Fundamentals & Management
		Understanding about the Rain Water-Harvesting Methods
		Understanding the concept of Wetlands
		Understanding the concept of watershed

Dr. P. PRAJAY RAJU

HEAD

Department of Civil Engineering
Koneru Lakshmaiah Educational Foundati

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Vaddeswaram, Guntur District

18CE5213	Digital Image Processing	Knowing and understanding about data base management systems
		Understanding about database design & data queries
		Understanding about forms, reports and applications of Digital Image Processing
		Understanding the concept of data base administration
18CE5214	GIS Data Analysis and Modelling	Understanding the concept of topographical surveying
		Understanding the concept of Advanced Surveying
		Knowing and understanding about Topographical Surveying
18CE5215	Geodesy and GPS	Understanding the Project Planning concept
		Understanding the fundamental of geodesy and GPS
		Understand the concept of computation or ellipsoid
		Knowing and understanding the concept of global positioning system (GPS)
18CE5216	Geospatial Applications	Knowing and understand about GPS Mathematical and GPS application
		Knowing about Plant Sciences
		Knowing about Earth Sciences and Hydrosphere Sciences
		Understand the concept of Land Use and Land Cover
18CE52G3	Engineering Survey Methodology and Instrumentation	Understand the concept of Global Remote Sensing
		Understand the fundamentals of engineering drawing
		Knowing about techniques of depth sounding and ranging
		Understand the concept of Digital Elevation Models
18CE52H4	Urban Water Management using Geomatics	Knowing about Electronic theodolites and levels and their applications
		knowing and understanding about the urbanization and its effect on water cycle
		Knowing and understand about Master drainage plans
		Understand about Elements of drainage systems
		Knowing and understand about Best Management Practices


Academic Professor I/C


HOD-CE
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HEAD
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