

Sl. NO	ROLL NO	NAME OF THE STUDENT	THESIS TITLE of M.E Geomatics students (2014 – 2015)	GUIDE
1	2013268001	ABARNA.P	HYDROLOGICAL MODELLING WITH SWAT USING REMOTE SENSING INPUT IN SERVALAR RIVER BASIN	Dr.R.VIDHYA
2	2013268002	ABINESH.R.S	STUDIES ON CORRELATION OF REGIONAL GEOMAGNETIC VARIATION AND TECTONIC FIELD STRESS	Dr.K.SRINIVASARAJU
3	2013268003	ARAVIND KUMAR.R	FLOOD RISK ANALYSIS BY USING GIS AND REMOTE SENSING	Mr. K. SRINIVASAN
4	2013268004	BALAKRISHNAN.P	MAPPING OF CORAL REEFS USING GEOSPATIAL TECHNOLOGIES	Dr.M.SHANMUGAM
5	2013268005	DEEPA.T	EMPIRICAL MODELLING OF EVAPOTRANSPIRATION FROM REMOTE SENSING PARAMETERS IN A PART OF VAIGAI BASIN	Dr.R.VIDHYA
6	2013268006	HEZRON PHILIP.J	STUDY ON IMPACT OF SEA LEVEL RISE AND EXTREME SEA STATE ON COASTAL INUNDATION	Dr. S.JAYA LAKSHMI
7	2013268007	ISWARIYALAKSHMI.	IDENTIFICATION OF POTENTIAL HABITAT AND THE THREAT FOR WETLAND BIRDS IN VEDANTHANGAL	DR.S.JAYA LAKSHMI
8	2013268008	KALPANA.S	URBAN GROWTH MODELING USING IMPROVED SLEUTH MODEL	Dr.K.SRINIVASARAJU
9	2013268009	KARTHICK.R	LEAST COST PATH ALGORITHM BASED OPTIMISATION OF THE ROUTE FOR INTERLINKING OF RIVERS USING REMOTE SENSING AND GIS	Dr.C.UDHAYAKUMAR
10	2013268010	KARTHIK.D	IMPACT OF URBANIZATION ON DRAINAGE PATTERNS OF BANGALORE	Mrs.M.NAVAMUNIMMAL
11	2013268012	NANDHINI.S	DEGRADATION ASSESSEMENT OF COASTAL AQUIFER	Mr. K. SRINIVASAN
12	2013268013	NAYANA SHENOY.V.N	SUSTAINABLE MANAGEMENT OF WELANDS	MRS.R.KANMANI SHANMUGAPRIYA
13	2013268014	VINOTHA.P	SUGARCANE MAPPING USING REMOTE SENSING AND GIS	Mrs.M.NAVAMUNIMMAL
14	2013268015	PRIYA.R	PREDICTION OF COASTAL UPWELLING USING REMOTE SENSING	Dr.M.SHANMUGAM
15	2013268016	RAJARAJESWARI.R	GIS BASED FUZZY AND BOOLEAN LOGIC APPROACH TO IDENTIFY THE SUITABLE SITE FOR ARTIFICIAL RECHARGE OF GROUNDWATER	Mr. K. SRINIVASAN
16	2013268017	RAJARAM.R	OPTIMUM ROUTE PATH SELECTION FOR LIGHTRAIL TRANSPORTATION USING INTEGRATED GIS AND MULTI CRITERIA DECISION MAKING APPROACH	Dr.C.UDHAYAKUMAR
17	2013268018	REVATHI.E.G.S	ASSET MANAGEMENT SYSTEM FOR URBAN ROADS: A CASE STUDY OF CHENNAI	Dr. R. MURUGASAN
18	2013268019	SANGEETHA.R	MODELLING AND GIS BASED ANALYSIS OF ACCIDENTS FOR EAST COAST ROAD	Dr. R. MURUGASAN
19	2013268020	SUGANYA.G	MODELLING OF SOLUTE TRANSPORT IN THE UNSATURATED ZONE USING HYDRUS	Mr.E. VELAPPAN
20	2013268021	THAMIZHARASI.M	MODELLING OF STORM SURGE INUNDATION USING MIKE 21 HD MODEL ALONG THE COAST OF TAMILNADU	Dr.K.SRINIVASA RAJU
21	2013268022	THARANI.J.M	APPLICATION OF TEXTURE ANALYSIS FOR IDENTIFYING THE VEGETATIONS USING SATELLITE IMAGES	Dr.M.SHANMUGAM

S.No	Roll No.	Name of the Student	THESIS TITLE of M.Tech (Remote Sensing) Students (2014 – 2015)	GUIDE
1	2013249001	BALA SUBRAMANIAN.C	Impact of Highway widening on Landuse / Landcover using Remote Sensing and GIS	Dr.R.Murugasan
2	2013249002	CHITHRA.S	Comparison of Existing Cadastral data with UAV Derived Data	Dr.S.S.Ramakrishnan
3	2013249003	KALARANJINI .V.S	A Case study Shoreline dynamics due to Extreme weather events along the Coast of Chennai using Remote Sensing Technique	Dr.S.S.Ramakrishnan
4	2013249004	PRANATHI.S	Geological Mapping of the Lunar Crater Picard	Dr.A.Nallappa Reddy
5	2013249005	SUBHASHINI.T	Water quality monitoring Using Remote Sensing data	Dr.S.Jayalakshmi
6	2013249006	SURESH KRISHNAN.P.V	LANDSUBSIDENCE Studies Using DINSAR Technique in Jharkand,INDIA	Dr.M.Shanmugam
7	2013249026	GOMATHI.M	Landslide Hazard zonation Using Artificial Neural Network	Dr.S.S.Ramakrishnan
8	2013249027	GOPI.P	Evaluation of Advanced Techniques of Sar Image Processing for Crop Signature Studies	Mrs.R.Kanmani Shanmugapriya
9	2013249028	JAIGANESH.J	Site selection for solar power Park using Remote Sensing and GIS	Dr.D.Thirumalaivasan
10	2013249029	JAYAKARUNYA.S	Spatial distribution of Rainfall around cyclone	Dr.S.Jayalakshmi
11	2013249030	KIRAN.N.S	Urban growth modelling for the Ponneri Town	Mr.K.Srinivasan
12	2013249031	LAKSHMI SARAN.S	Application of Geo - Spatial Technologies for Flood Management	Mrs.R.Kanmani Shanmugapriya
13	2013249032	PRABHAGARAN.K	Landuse / Landcover, Mangrove Mapping and Studies on Coastal Morphology of Kerala State Using RS & GIS	Dr.A.Nallappa Reddy
14	2013249033	PUTHAMIZHENTHI. E	Effect of saltpan and Industrialization on Ground Water Regime around Tuticorin Municipality	Dr.R.Vidhya
15	2013249034	SANJIL.P	Analysis and comparison of indices for Drought Assessment Using Remote Sensing	Dr.D.Thirumalaivasan
16	2013249035	SANTHOSH KUMAR.S	Coastal Geomorphological Studies Along Maharashtra Coast Using Remote Sensing and GIS Techniques	Dr.A.Nallappa Reddy
17	2013249036	SHINY.S	Estimation of Chlorophyll Content in Mangrove Species Using Remote Sensing	Mrs.M.Navamuniammal
18	2013249037	THIRU NISHA.H	Development of GIS based road maintenance system for Rural Roads	Dr.R.Murugasan
19	2013249038	VIGNESHWARAN.S	Storm surge inundation modelling and risk assessment using open source DELFT 3D suite	Dr.D.Thirumalaivasan
20	2013249040	VIMA.V	Irrigation system performance based on water demand analysis using CROPWAT model	Dr.R.Vidhya

SI No.	ROLL.NO	NAME	THESIS TITLE OF M.Tech RS STUDENTS (2015 – 2016)	GUIDE
1	2014249001	ARAVINTH. A	Geo-Enabled Emergency Response System for Road Accident Victims Using GIS	Dr.R.Murugasan
2	2014249002	DHIVYA PRIYAH. R.S	Point cloud processing of Urban feature extraction	Dr.R.Murugasan
3	2014249004	SAKTHIVEL MURUGAN. G	Evapotranspiration estimation using MODIS data	Mrs.R.Kanmani Shanmuga Priya
4	2014249005	THANGA PERUMAL. S	Spatio Temporal Variability of Sea Surface Height and Chlorophyll along the west coast of India	Mrs.R.Kanmani Shanmuga Priya
5	2014249026	DHINESH. S	Urban Feature Extraction From Satellite Imagery Using Optimized Spectral And Textural Parameters	Dr.R.Murugasan
6	2014249028	HUSSAIN BABU. D	Sediment Rate Estimation in Yerrakakra Reservoir Using RS and GIS	Mrs.R.Kanmani Shanmuga Priya
7	2014249030	MOHAMMED HASIF MEERA.S	Flood estimation of ungauged catchment using RS and GIS	Dr.K.Srinivasaraju
8	2014249031	MOHAMMED AASHIK. M	Estimation of land surface temperature to study urban heat island	Mrs.M.Navamuniyamm al
9	2014249033	POOMALAI. R	Groundwater Quality Mapping and Unsaturated Zone Contaminant Transport Modelling Using RS and GIS	Dr.S.Jayalakshmi
10	2014249035	SARATH KUMAR. G	Evaluation of mining related environmental impacts in Limestone mining in Ariyalur using Remote sensing	Dr.A.Nallapa Reddy
11	2014249036	SIVA SANKARI. R	Reservoir capacity estimation using linear mixture model approach	Dr.M.Shanmugam
12	2014249037	SAI LAKSHMI. R	Runoff Estimation of Tammileru Basin, Andhra pradesh using SWAT MODEL	Mr.E.Velappan
13	2014249051	SIVA VIGNESH.N	Mapping of ground water contamination vulnerable zones using DRASTIC approach	Dr.M.Shanmugam

Sl No.	ROLL.NO	NAME	THESIS TITLE OF M.E Geomatics students (2015 – 2016)	GUIDE
1	2014268002	KIRUTHIKA.S	Evaluation of theory of Surfaces for surface modelling of hilly terrain	Mr.K.Srinivasan
2	2014268003	KUMARESAN.S	Medical emergency planning using GIS	Dr.K.Srinivasa Raju
3	2014268004	MAHESWARAN.N	School education information system and social relevance using GIS	Dr.M.Shanmugam
4	2014268005	MONICA CHANDNI.J	Neuro - Fuzzy hybrid method based carbon sequestration using Remote Sensing	Dr.C.Udhayakumar
5	2014268006	MONICA .M	Formulation of guidelines for data quality assessment for a geospatial database	Dr.S.S.Ramakrishnan
6	2014268007	MONICA.R.S	Assessment of storm surge for the Odisha coast	Dr.K.Srinivasa Raju
7	2014268008	NIMALAN.S.K.	River rejuvenation of palar watershed using geospatial techniques	Dr.R.Vidhya
8	2014268009	PRABAKARAN.G	Soil Resources Mapping Using Remote Sensing and GIS	Mrs.M.Navamuniyammal
9	2014268010	PRASANTH.S	Temporal Changes of Fallow Land and Assessment of its Development Feasibility	Dr.A.Nallapa Reddy
10	2014268012	RAMACHANDRAN.E	Yield modelling of paddy crop using Artificial neural network and Remote sensing	Dr.C.Udhayakumar
11	2014268014	REETA.S	Heat-green cover feature modeling for urban eco-management using RS and GIS	Dr.R.Vidhya
12	2014268015	SACRATEES.M	Estimation of Evapotranspiration in Thamirabharani Basin using remote sensing parameter	Dr.R.Vidhya
13	2014268016	SATHISH.V	Development of cretaceous Information System for Cauvery basin through RS and GIS	Dr.A.Nallapa Reddy
14	2014268018	SENTHIL KUMAR.T	Higher education information system and social relevance using GIS	Dr.S.S.Ramakrishnan
15	2014268019	SHANMUGAPRIYA.V	Assessment of forest vulnerability using geospatial techniques	Mr.K.Srinivasan
16	2014268020	SIVAPRIYA.R	Urban growth modelling using SLEUTH model	Dr.C.Udhayakumar
17	2014268021	VIJAYASURIYA.K	GIS based Decision Support System for E-governance Application	Dr.D.Thirumalaivasan
18	2014268022	SYED WASIM.M	Building information modelling for Disaster Management	Dr.D.Thirumalaivasan

SI No.	ROLL.NO	NAME	TITLE 2016 - 2017	GUIDE
1	2015186026	AKSHAYA V S	APPLICATIONS OF WATER BUDGETING IN GADILAM SUB BASIN	Mrs.M.Navamuniyammal
2	2015186027	ANUREKHA A	INFLUENCE OF AEROSOL OPTICAL DEPTH ON RETRIEVAL OF LAND SURFACE TEMPERATURE USING SATELLITE DERIVED PARAMETER	Dr.R.Vidhya
3	2015186029	BALAMURUGAN K	ANALYSIS OF SUITABLE LOCATION FOR RAINWATER HARVESTING AND ITS IMPACT	Mr.E.Velappan
4	2015186030	HARISH KUMAR K S	SATELLITE HYPERSPECTRAL REMOTE SENSING FOR ESTIMATING ADYAR ESTUARY QUALITY	Dr.M.Shanmugam
5	2015186031	INDHUMATHI D	PROPOSAL OF ARTIFICIAL RECHARGE STRUCTURE & STUDY OF ITS IMPACT THROUGH MODELLING FOR DHARMAPURI DT	Dr.S.S.Ramakrishnan
6	2015186032	JAYA SHREE B	SOIL CHARACTERIZATION USING HYPERSPECTRAL REMOTE SENSING	Dr.R.Murgasan
7	2015186033	KISHORE KOWTHAM I	ANALYSIS OF SEASONAL VARIATION OF TOTAL OZONE OVER INDIAN REGION	Dr.K.Srinivasaraju
8	2015186034	KOKILA PRIYA R	SULPHATE TRANSPORT MODELLING USING MODFLOW	Mr.E.Velappan
9	2015186035	MEENAKSHI R	DROUGHT ANALYSIS IN TIRUTTANI BLOCK OF THIRUVALLUR DT USING REMOTE SENSING AND GIS TECHNIQUES	Mrs.M.Navamuniyammal
10	2015186036	PAVITHRA K	LINEAMENT MAPPING FOR GROUNDWATER EXPLOARATION USING RS & GIS	Mr.K.Srinivasan
11	2015186037	RAGHAVENDRAN S	STUDY ON CORAL BLEACHING AND CLIMATE PARAMETERS IN GULF OF MANNAR USING RS & GIS	Dr.M.Shanmugam
12	2015186038	RAJESHWARI B	SURFACE WATER QUALITY ASSESSMENT USING REMOTE SENSING & GIS	Dr.S.S.Ramakrishnan
13	2015186039	SATHISH K	EFFECTIVE CONSTRUCTION PLANNING ,SCHEDULLING AND BILLING USING GIS	Dr.R.Murgasan
14	2015186040	SIVASANGARI A	ASSESSMENT OF SOIL EROSION IN PONNAIYAR WATERSHED USING REMOTE SENSING AND GIS TECHNIQUES	Mr.E.Velappan
15	2015186041	VIJAY K R	CHANGE IN CLIMATIC PARAMETER OVER INDIAN REGION DUE TO EFFECT OF ELNINO	Dr.S.S.Ramakrishnan
16	2015186042	VISHNU PRIYA B	PROPERTY TAX EVALUATION FOR VILLAGE PANCHAYAT USING GIS	Dr.R.Murgasan

SI No.	ROLL.NO	NAME	TITLE 2016 – 2017 M.E(RS&GEO)SS	GUIDE
1	2015185001	ANUSHA C	Morphometric Analysis in Ground Water prospects and potential zonation of vanniya sub basis of ponnaiyar basin Using RS & GIS	Dr.K.Srinivasaraju
2	2015185002	APARNA M	Urban growth modelling using cellular automata and GIS for a part of kancheepuram district	Dr.C.Udhayakumar
3	2015185003	ASHNA T	Assessment of Wetland Loss Using Remote Sensing and GIS	Dr.S.S.Ramakrishnan
4	2015185004	ASWINI R	Historical shoreline changes and associated coastal land loss along the coast of Pondicherry and Cuddalore using RS&GIS	Mr.K.Srinivasan
5	2015185005	ASWIN PRASANTH T	Study of Air Pollution Trend Analysis using Remote Sensing and GIS	Mrs.M.Navamuniyammal
6	2015185006	BHASKAR K	Quantitative assesment of Desertification using Remote sensing and GIS	Mrs.M.Navamuniyammal
7	2015185007	JANARTHANAN K	River basin perspective for water resources-challenges and management using Remote sensing & GIS	Dr.D.Thirumalaivasan
8	2015185008	MANIKANTAN V	land use changes due to mining activity and it's impacts on climate	Mr.K.Srinivasan
9	2015185009	MOHAMMED ABDUL AZEEZ M A	Assesment of coastal ecosystem services for conservation strategies in Chennai	Dr.M.Shanmugam
10	2015185010	MUKESH M K	Assesment of LU/LC changes due to urbanization with its corresponding impacts on LST, NDVI and future prediction using markov analysis	Dr.M.Shanmugam
11	2015185011	PRASANTH J	Integrated approach for preparation of master plan using RS & GIS	Dr.C.Udhayakumar
12	2015185012	RESMI K S	Analysis of crop suitability using geospatial techniques	Dr.M.Shanmugam
13	2015185013	SOUNDARYA C	Study of South West Monsoon & Its Impact over TN and Kerala using Remote Sensing Data	Dr.K.Srinivasaraju
14	2015185014	SRI VISHNU PRASANTH B R	Effect of invasive plant prosopis juliaflora on surface and sub surface regime in Ramnad district using spatial tools and semi emprical models	Dr.R.Vidhya
15	2015185015	SUGANYA N	Identification of degraded land considering various factors by using RS & GIS	Mr.E.Velappan
16	2015185016	SUSHMA P	A study on Sea water Intrusion and its impacts on change in the crop Pattern	Mrs.M.Navamuniyammal
17	2015185017	SWARAMANJARI PA	Study on Role of Urban Fabric Design on Thermal Environment Using Remote Sensing Feature Vectors	Dr.R.Vidhya
18	2015185018	VENKATESH V	Development of GIS Based Android Apps for Medicine Availability information system	Dr.D.Thirumalaivasan
19	2015185019	VINNARASI S	Flood modelling for Gadilam river using HEC-RAS and gis	Dr.C.Udhayakumar
20	2015185020	VISHVANATHAN R C	Environmental impact Assessment of quarry stone mining in kanchipuram district	Dr.M.Shanmugam

SI.NO	ROLL.NO	NAME	TITLE 2017 – 2018 M.E(RS&Geo) SS	GUIDE
1	2016185001	ARAVINDRAJ.M	IMPACT OF HARBOUR ON SHORELINE CHANGES ALONG TAMIL NADU COAST	Mr.E.Velappan
2	2016185003	DILIPKUMAR.J	SEA SURFACE SALINITY RETRIEVAL OVER NORTHERN INDIAN OCEAN	Dr.K.Srinivasaraju
3	2016185004	GANESH RAMALINGAM .J	ASSESSMENT OF DROUGHT USING REMOTE SENSING AND GIS	Dr.C.Udhayakumar
4	2016185005	GAYATHRI.C	RAINFALL - RUNOFF MODELLING USING REMOTESENSING AND GIS	Dr.S. Jayalakshmi
5	2016185006	GAYATHRI.T	CROP LAND SUITABILITY ANALYSIS USING GIS AND REMOTE SENSING FOR NAGAPATNAM DISTRICT	Mrs.M.Navamuniyammal
6	2016185007	GRISILDA.M	VALIDATION AND ASSESSMENT OF OCEAN CURRENT AND WAVE HEIGHT DATA DURING EXTREME EVENTS	Mr.K.Srivasan
7	2016185008	JAYA LAKSHMI .V	SPATIALLY ENABLED DECISION SUPPORT TOOL FOR INTEGRATED RESOURCE MANAGEMENT FOR SUSTAINED AGRICULTURE	Dr.R.Vidhya
8	2016185009	KAVYA LAKSHMI .P	SITE SUITABILITY ANALYSIS FOR RAINWATER HARVESTING STRUCTURES ON SEMI ARID REGION USING RS AND GIS	Dr.K.Srinivasaraju
9	2016185010	KRIBASHINI .N	PREDICTION AND MODELLING OF COASTAL UPWELLING OVER BAY OF BENGAL AND ARABIAN SEA USING REMOTE SENSING	Dr.K.Srinivasaraju
10	2016185011	MALATHI.K	HYDROLOGICAL STUDY OF THE DRAINAGE PATTERN IN THE NEYVELI MINES USING REMOTE SENSING AND GIS	Mr.E.Velappan
11	2016185012	PRAVEEN PRASANTH .S	ESTIMATION OF SOIL EROSION AND MODELING USING GEOMATICS	Mr.E.Velappan
12	2016185013	RAMACHANDRAN .S	GROUND WATER POTENTIAL MAPPING AND FLOW ANALYSIS USING REMOTE SENSING AND GIS	Mr.K.Srivasan
13	2016185014	RAMYA.P	CROPPING SYSTEM ANALYSIS AND MANAGEMENT USING REMOTE SENSING & GIS	Mr.K.Srivasan
14	2016185015	SAKUNTHALA DEVI.M	HYBRID MODELLING OF LAND USE DYNAMICS USING GEOMATICS	Mr.K.Srivasan
15	2016185016	SATHISH KUMAR.V	COMPARATIVE ANALYSIS OF URBAN HEAT ISLAND AND NDVI FOR CHENNAI REGION	Dr.C.Udhayakumar
16	2016185017	SHYAM SUNDAR RAJ .R	MASTER PLAN PREPARATION FOR ARAKKONAM TOWN USING REMOTE SENSING AND GIS	Dr.R.Murugasan
17	2016185018	SOWMIYA .M.G	ESTIMATION OF CARBON DI OXIDE FLUX FROM BAY OF BENGAL	Dr. S.Kaliappan

18	2016185019	VINOTH .M	URBAN GROWTH MODELLING FOR VELLORE TOWN USING REMOTE SENSING & GIS	Dr.R.Murugasan
19	2016185020	VINOTH KUMAR .S	GROUND WATER QUALITY ANALYSIS OF POINEY SUB - BASIN	Dr.M.Shanmugam
20	2016185021	VINOTHINI .E	FLOOD MODELLING FOR ADYAR RIVER BASIN	Dr.M.Shanmugam
21	2016185022	YUVARAJ .V	MODELLING OF LANDUSE AND LANDCOVER CHANGES ALONG THE VILLAGES OF OUTER RING ROAD OF CHENNAI CITY	Dr.R.Murugasan

SI No.	ROLL.NO	NAME	TITLE 2017 - 2018	GUIDE
1	2016186001	ARAVIND .P	VOLUME ESTIMATION USING GEOSPATIAL TECHNIQUES	Dr.D.Thirumalaivasan
2	2016186002	NAGARAJAN .T.S	UAV AND ITS APPLICATION IN ENVIRONMENT MANAGEMENT	Dr.C.Udhayakumar
3	2016186004	VAISHALI .R	LANDSLIDE SUSCEPTIBILITY ZONATION USING REMOTE SENSING AND GIS	Dr.S. Jayalakshmi
4	2016186026	AISHWARAYA .V	ESTIMATION OF SILTATION IN WATER STORAGE STRUCTURES USING GEOSPATIAL TECHNIQUES	Mrs.R.Kanmani ShanmugaPriya
5	2016186027	ARUN KUMAR .M	TEXTURE AUGMENTED SVM CLASSIFICATION OF JULIFLORA WITH OPTIMIZED KERNU FUNCTION TO ASSESS ITS GROWTH DYNAMICS IN RAMANATHAPURAM TALUK IN RAMANATHAPURAM DIST	Dr.R.Vidhya
6	2016186028	JAI SUDHAKAR .R	REMOTE SENSING AND GIS BASED CRIME ANALYSIS	Dr.M.Shanmugam
7	2016186029	JEYA PREETHI .G	ASSESSING THE ARTIFICIAL RECHARGE POTENTIAL USING NEURAL NETWORK APPROACH	Mrs.R.Kanmani ShanmugaPriya
8	2016186030	KARTHICK .P	ASSESSING STREAM FLOW DYNAMICS IN T THAMIRABARANI BASIN USING SWAT MODEL AND GIS	Dr.R.Vidhya
9	2016186031	LAVANYA .H	SEDIMENT TRANSPORT STUDIES FOR THE MAJOR RIVERS IN THE EAST COAST OF INDIA USING REMOTE SENSING TECHNIQUES.	Dr.K.Srinivasaraju
10	2016186032	NAAZNEEN .J	DETECTION OF FISH POTENTIAL ZONES ALONG THE COAST OF KANYAKUMARI	Dr. S.Kaliappan
11	2016186033	NAOMI LEMUEL	DEVELOPMENT OF MOBILE APPLICATION FOR ASSESSING URBAN HEAT ISLAND(UHI) USING AN AUTOMATED DISAGGREGATION ALGORITHM	Dr.S. Jayalakshmi
12	2016186034	PRAGADEESH KUMAR .M	FLOOD VULNERABILITY ASSESSMENT WITH HIGH RESOLUTION DATA USING REMOTE SENSING AND GIS	Dr.D.Thirumalaivasan
13	2016186035	SARANYA .J	IDENTIFICATION OF CASHEW CROP AND LAND SUITABILITY BY USING REMOTE SENSING AND GIS TECHNIQUE	Mrs.M.Navamuniyammal
14	2016186036	SARAVANAN .K	SURFACE WATER QUALITY MONITORING IN THAMIRABARANI RIVER USING GIS AND RS	Mrs.M.Navamuniyammal
15	2016186037	SATHYAVATHI .G	ASSESSING OF FOREST FIRE PRONE AREA IN THENI DISTRICT USING SPATIAL MODELING TECHNIQUE.	Mrs.M.Navamuniyammal
16	2016186038	SHOBANA .N	MODELLING POTENTIAL SITE FOR WINDFARM USING REMOTE SENSING	Mrs.R.Kanmani ShanmugaPriya
17	2016186040	SRINIVASAN .R	PLUVIAL FLOOD MODELLING USING SWMM AND COUPLING WITH GIS	Dr.D.Thirumalaivasan
18	2016186041	VISHNUPRIYA .R	VULNERABILITY ASSESSMENT OF GROUND WATER CONTAMINATION USING GENERIC AND PESTICIDE DRASTIC GIS BASE MODEL	Mr.E.Velappan

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1	2017185001	AARTHEE V	Mangroves Species Identification in Pichavaram Forest, Tamilnadu	Mrs.M.Navamuniyammal
2	2017185002	ABINAYA R	Flood inundation extraction using microwave remotesensing	Mrs.R.Kanmani Shanmuga Priya
3	2017185004	DHARUNA SOUNTHI S K	Site selection for wind turbine and solar farms using ANN	Dr.S.Jayalakshmi
4	2017185006	DONDAPATI SAI LILKHITH	Geospatial Solution for Property Tax Updation of Building	Dr.R.Murugasan
5	2017185008	HAMSALEKA T R	A study of Change Detection Methods for Detecting Land Use Changes	Dr.R.Vidhya
6	2017185009	JAMUNA R	Modelling of air pollutant transport and mapping using open source GIS	Dr.S.Jayalakshmi
7	2017185010	JEEVITHA V C	Optimal Transmission line using Dijkstra's and Genetic algorithm	Mr.K.Srinivasan
8	2017185011	KARTHIKEYAN R	Environmental Impact Assessment Of Highway Construction Using Remote Sensing And GIS	Dr.R.Murugasan
9	2017185013	MARIA MONISHA L	Forest fire risk zone mapping and modelling	Mr.K.Srinivasan
10	2017185015	NANDHINI DEVI M	Estimation of power consumption for an area using GIS	Dr.M.Shanmugam
11	2017185016	PRAVEENKUMAAR R	Developing a tool for estimating the concentration of air pollutant in Chennai	Dr.S.Jayalakshmi
12	2017185018	REKHA S	Rationalization of Policing infrastructure and activities to minimize theft occurrence using GIS	Mr.K.Srinivasan
13	2017185019	SHARMILA V	GIS based identification of accident prone area and creating a model using stella software	Mr.E.Velappan
14	2017185020	SHARUN T	Assessment of HEC-HMS and SWMM models for estimating the surface runoff for an urban catchment	Dr.C.Udhayakumar
15	2017185021	VIGNESH C	Drought monitoring and risk assessment using Remote sensing and GIS	Mr.E.Velappan
16	2017185022	VIJAYALAKSHMI S P	Prediction of Tropical Cyclone Induced Rainfall Variability Over East Coast of India using Satellite Measurements	Dr.K.Srinivasaraju

Sl No.	ROLL.NO	NAME	TITLE 2018 – 2019 M.E(RS& Geo)R	GUIDE
1	2017186001	KARPAGAM K	Automated extraction of pervious and impervious surfaces using Medium and High resolution remote sensing data	Dr.D.Thirumalaivasan
2	2017186002	MADHUMITHA A	Modelling of soil characteristics using Satellite data	Dr.K.Srinivasaraju
3	2017186005	VARUNSHEN R	Assessment of Carbon Response of a Wetland Ecosystem using Remote sensing	Dr.R.Vidhya
4	2017186026	ASHICKA BANU M	Automated Building Extraction from 3D-Point Cloud Data using Hadoop	Dr.M.Shanmugam
5	2017186027	BALAGURU M	Study of Landslide occurrence in India Using Geospatial Technique for Landslide Disaster Management	Dr.S.S.Ramakrishnan
6	2017186028	DHARANISRI B	Impact assessment of Thermal powerplant using Remote sensing and GIS	Dr.S.Jayalakshmi
7	2017186029	DHINESHANAND S	3D Indoor routing system using GIS	Dr.C.Udhayakumar
8	2017186030	DHIVAHAR T	Estimation of Cloud Microphysical Parameters and analysis of their Influence in predicting severe weather events	Dr.K.Srinivasaraju
9	2017186031	GAYATHRI R	Urban growth prediction using ANN	Mrs.M.Navamuniyammal
10	2017186032	GOUTAAM T	Investigation of Potential Capability of DInSAR in Extraction of Landslide related Surface Displacements	Mrs.R.Kanmani Shanmuga Priya
11	2017186034	MEIYAZHAGAN G	Estimation of Discomfort index and Living suitability conditions for Indian cities using Geomatics	Dr.K.Srinivasaraju
12	2017186035	NIVETHA R V	Landuse and Landcover Classification using ANN,Fuzzy Logic and SVM	Dr.M.Shanmugam
13	2017186037	SURAJ VENUGOPAL K M D	Generation of DEM using SAR Interferometry from sentinel-1 series constellation	Mrs.R.Kanmani Shanmuga Priya
14	2017186039	THIRUMALAI A	Performance Assessment of rainfall forecasting models and generation of GIS based rainfall Distribution map associated with monsoon depression over the indian region	Dr.D.Thirumalaivasan
15	2017186040	UMAMAHESWARI P	Site suitability analysis for Mulberry Plantation using GIS based fuzzy Multy-criteria decision approach	Mrs.M.Navamuniyammal

**IV SEM - M.E. (RS & GEOMATICS) Self Supporting
PROJECT WORK PHASE - II (July 2019 -Dec2019)**

ROLL.NO	NAME	TITLE	GUIDE
2017185003	BALAMIKA B.S	STUDY OF SPATIAL CHANGE DYNAMICS AND IMPACTS OF PROSOPIS JULIFLORA IN VAIPPAR BASIN	Dr.R.Vidhya
2017185007	ELAMANJU E	STUDY OF URBAN SPRAWL IMPACTS ON WETLAND ECOSYSTEM USING REMOTE SENSING AND GIS	Dr.S.S.Ramakrishnan
2017185008	HAMSALEKA T R	A study of Change Detection Methods for Detecting Land Use Changes	Dr.R.Vidhya
2017185023	YUDISTIRAN K	CREATING A MOBILE MODEL USING FLUTTER LANGUAGE TO VISUALIZE THE NOISE POLLUTION FOR SCHOOLS	Dr.M.Shanmugam

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**IV SEM - M.E. (RS & GEOMATICS) Regular
PROJECT WORK PHASE - II (July 2019 - Dec 2019)**

SI No.	ROLL.NO	NAME	TITLE	GUIDE
1	2017186036	Rahamathlla A	FLOOD FORCASTING MODEL FOR URBAN CATCHMENT AREA USING GEO-SPATIAL TECHNIQUES	Dr.D.Thirumalaivasan
2	2017186038	Jaganathan S	MAPPING AND DETERMINING THE ENCROACHMENT IN THE WATER BODY IN MADURAI NORTH AND SOUTH BLOCK	Dr.S.S.Ramakrishnan

IV SEM - M.E. (RS & GEOMATICS) SS
PROJECT WORK PHASE - II (Dec 2019 - April 2020)

Sl No.	ROLL.NO	NAME	THESIS TITLE	GUIDE
1	2018185001	AMRUTH K	LANDSLIDE INVESTIGATION IN PARTS OF KERALA AND KARNATAKA	Mr.K. Srinivasan
2	2018185002	ANIL GIR GOSWAMI	MONITORING SURFACE WATER DYNAMICS USING REMOTE SENSING	Mrs. R .kanmani shanmugapriya
3	2018185003	ANUREGA S	DECISION THEORETICAL APPROACH FOR SOIL CHARACTERIZATION USING HYPERSPECTRAL DATA	Dr. R. Vidhya
4	2018185004	BHUVANESHWARAN K	SURFACE TEMPERATURE LAPSE RATE ANALYSIS AND GLACIER MASS BALANCE USING PYTHON PROGRAMMING LANGUAGE IN HIMALAYAN REGION, INDIA.	Dr. C.Udhayakumar
5	2018185005	DEVARAJ R	INVESTIGATION OF PLANIMETRIC AND ALTIMETRIC ACCURACY OF LARGE SCALE MAPPING USING UAV DATA AND GPS	Dr. R. Vidhya
6	2018185006	DHARANI V S	OPTIMAL LOCATION AND ROUTE FOR MUNICIPAL SOLID WASTE COLLECTION BINS	Mrs.R .kanmani shanmugapriya
7	2018185008	GAUTHAM A	IDENTIFICATION OF POTENTIAL SITES FOR WATTER HARVESTING STRUCTURE USING REMOTE SENSING AND GIS	Dr.M. Shanmugam
8	2018185009	HARIKRISHNAN R	SPATIAL ACCURACY ASSESSMENT OF ORTHOMOSAIC DERIVED USING UNMANNED AERIAL VEHICLE	Mr.K. Srinivasan
9	2018185010	INDHUMATHI T	ESTIMATION OF SOIL MOISTURE USING MICROWAVE REMOTE SENSING	Dr. S. Jayalakshmi
10	2018185011	IRAIANBU E	STUDY OF SPATIOTEMPORAL VARIATION USING GEOMOD MODEL AND LAND CHANGE MODELLER MODE IN CUDDALORE LOCAL PLANNING AREA	Mr.K. Srinivasan
11	2018185012	JAILAUDEEN	FINDING OPTIMUM RESOLUTION IMAGE AND NUMBER OF GROUND CONTROL POINTS FOR CREATING LAND INFORMATION SYSTEM (CADASTRAL MAPPING) FOR KEERAPAKKAM VILLAGE AT THIRUVALLUR DISTRICT, TN	Dr. S. S. Ramakrishnan

12	2018185013	JAYA PRIYA BHARATHY R	SPATIAL COHERENCE OF WIND AND WAVE OVER ARABIAN SEA AND BAY OF BENGAL USING RADAR ALTIMETRY	Dr. S. S. Ramakrishnan
13	2018185014	JOTHI KUMAR N	ASSESSMENT OF URBAN SPRAWL ON AGRICULTURAL LAND USING REMOTE SENSING AND GIS	Mrs. M. Navamuniyammal
14	2018185015	KAMARAJ G	SURFACE WATER QUALITY ANALYSIS USING REMOTE SENSING AND GIS	Dr.M. Shanmugam
15	2018185016	KAVIPRIYA R	STUDY OF VERTICAL STRUCTURE OF ATMOSPHERE USING GNSS	Dr. S. S. Ramakrishnan
16	2018185017	MURALIKANNAN P	SITE SUITABILITY ANALYSIS FOR CHECKDAM CONSTRUCTION USING REMOTE SENSING AND GIS TECHNIQUES	Mr.K Srinivasan
17	2018185018	PANDIYARAJAN S	SUITABLE SITE SELECTION FOR MUNICIPAL SOLID WASTE USING EXPERT SYSTEM IN ARCPY ENVIRONMENT	Dr. C.Udhayakumar
18	2018185019	SANTHOSH S	DETERMINATION OF RIVER PARAMETERS FROM SATELLITE OBSERVATIONS	Dr. C.Udhayakumar
19	2018185020	SENPAGA PRIYA S	CORRIDOR MAPPING AND ASSET MANAGEMENT USING WEBGIS	Dr. Thirumalaivasan
20	2018185021	SIVARANJANI A K	STUDY OF VARIATION OF COLORED DISSOLVED ORGANIC MATTER(CDOM) CYCLE IN ARABIAN SEA	Dr. S. Jayalakshmi
21	2018185022	SUNDARA SARAVANAN K	ASSESSING THE AQUIFER VULNERABILITY TO SEAWATER INTRUSION USING GEOSPATIAL TECHNIQUE	Dr. S. Jayalakshmi
22	2018185023	VISHAL EASWER S	GROUND WATER VULNERABILITY ANALYSIS USING MODIFIED SINTACS MODEL	Dr. K. Srinivasaraju

IV SEM - M.E. (RS & GEOMATICS) Regular
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Sl No.	ROLL.NO	NAME	TITLE	GUIDE
1	2018186001	ARUL PRAKASH P	ESTIMATION OF BATHYMETRY FROM MULTISPECTRAL SATELLITE IMAGERY USING EMPIRICAL ALGORITHMS	Dr. D.Thirumalaivasan
2	2018186002	ESWARAMOORTHY K	ANALYSIS OF URBAN TRAFFIC ACCIDENTS USING GIS	Dr.M. Shanmugam
3	2018186003	MOHAMMED IRFAN R	PREDICTION OF SOIL TEXTURE USING HYPERSPECTRAL DATA	Mrs. M. Navamuniyammal
4	2018186026	AARTHIKA S	URBAN GROWTH MODELLING OF NAGAPATTINAM TOWN FOR SUSTAINABLE PLANNING USING REMOTE SENSING AND GIS	Dr.R.Murugasan
5	2018186027	AJITH KUMAR D	SITE SUITABILITY ANALYSIS FOR RESIDENTIAL DEVELOPMENT USING AHP AND FUZZY LOGIC	Dr. C.Udhayakumar
6	2018186028	ASWINI S	APPLICATION OF REMOTE SENSING AND GIS BASED HYDRODYNAMIC MODELS FOR FLOOD INUNDATION MODELLING	Dr.K.Srinivasaraju
7	2018186029	DEENADAYALAN R L	EFFECT OF CLIMATE CHANGE ON HIMALAYAN CRYOSPHERE	Dr. D.Thirumalaivasan
8	2018186030	DIVYA S	ESTIMATION OF RUNOFF AND IDENTIFICATION OF WATER HARVESTING STRUCTURE USING GEOSPATIAL TECHNIQUES	Dr. S. Jayalakshmi
9	2018186031	INIYA GAYATHRI R	DETECTION OF HARMFUL ALGAL BLOOMS ALONG THE COASTAL WATERS OF TAMILNADU	Mrs. R .kanmani shanmugapriya
10	2018186032	JEBALYN GRACE S	ARTIFICIAL NEURAL NETWORK FOR STUDYING HYPERSPECTRAL PROFILE FOR CHARACTERIZING SOIL ORGANIC CARBON	Dr. R. Vidhya
11	2018186034	LEO SELVA PRATHISH P	BUS ROUTE PLANNING FOR TRICHY CORPORATION USING GIS	Dr.R.Murugasan
12	2018186035	LOGESHKANNA R	AN ANALYSIS OF ROAD NETWORK STRUCTURE, TRAVEL BEHAVIOUR AND PATTERN OF CITY BUS FLOW IN COIMBATORE CORPORATION AREA USING GIS	Dr.R.Murugasan
13	2018186036	MAGESH RAJ D	COMPARISON OF VARIOUS BAND REDUCTION TECHNIQUES FOR HYPERSPECTRAL PROFILE	Dr. R. Vidhya

14	2018186037	MOHAMED SHARIEL M	LANDUSE LANDCOVER DYNAMICS AND ITS IMPACT ON GROUND WATER USING REMOTE SENSING AND GIS	Dr.M. Shanmugam
15	2018186038	NAVEEN V	ASSESSMENT OF SEDIMENTATION IN BHAVANISAGAR DAM USING GEOMATICS	Dr.R.Murugasan
16	2018186039	PRAVEENKUMAR K	OPTIMUM ROAD ALIGNMENT AND ITS IMPACT ASSESSMENT ON ENVIRONS IN WESTERN GHATS REGION USING GEOSPATIAL TOOLS	Dr.K.Srinivasaraju
17	2018186041	SYEDALI ZAMRUTH N	A CASE STUDY ON THENI DISTRICT FOR GROUND WATER RECHARGE ZONAL	Dr. S. S. Ramakrishnan
18	2018186042	THIRUPPATHI P	CYCLONE IMPACT ASSESSMENT MODULE FOR COASTAL DISTRICTS OF TAMILNADU USING REMOTE SENSING AND GIS	Mrs.R .kanmani shanmugapriya
19	2018186043	VAISHNAVI S	FORMULATION OF CADASTRAL LEVEL INTEGRATED VILLAGE DEVELOPMENT PLAN	Dr.K.Srinivasaraju
20	2018186044	VIVEK R	ANALYSIS OF SEASONAL VARIATION OF AEROSOL OPTICAL DEPTH OVER INDIAN REGION	Dr. D.Thirumalaivasan
21	2018186045	SARAVANAKUMAR M	IDENTIFICATION OF POTENTIAL SITE FOR SERICULTURE USING AHP AND FUZZY LOGIC	Mrs. M. Navamuniyammal

IV SEM - M.E. (RS & GEOMATICS) Students Dec2020 - April2021

SI No.	ROLL.NO	NAME	THESIS TITLE	GUIDE
1	2019186001	DEVISHREE V	Spotting of sand abduction region in Lower Pennaiyar river sub basin through change detection analysis.	Dr. K.Srinivasan
2	2019186004	SANTHOSH M	Comparison of Cellular Automata and Machine Learning Algorihms in Predicting Urban sprawl	Dr.K.Srinivasaraju
3	2019186005	SELVA LAKSHMI D	Development of a QGIS Plugin for Classification and Change Detection - A Spectral Indices Based Approach.	Dr.M. Shanmugam
4	2019186006	SOWNDARYA V	Above Ground Biomass estimation of tree species using Remote Sensing within Anna University campus	Mrs. R .Kanmani shanmugapriya
5	2019186026	ADWIN ALEX V	Settlement guidance system and land record management using Blockchain Technology	Dr. R. Vidhya
6	2019186027	ANGELIN NIJI N	An Assessment of Oil spill detection and modelling using GNOME and MIKE21.	Dr. S. Jayalakshmi
7	2019186028	ANUSUYA P	Impact of Seasonal variations on Land Surface Temperature in Local Climate Zones of cities	Dr.K.Srinivasaraju
8	2019186029	ARCHANAVARSHNI E	Assessment of land subsidence due to Over Extraction of Ground Water using remote sensing.	Mrs. R .Kanmani shanmugapriya
9	2019186030	DINESH V	Mapping and Monitoring of Coral Reef in Gulf of Mannar a Remote Sensing and GIS Apporach	Dr.M. Shanmugam
10	2019186031	EZHILARASI R	An assessment of the impact of aerosol and No2 due to the massive explosion in Beirut.	Dr. S. Jayalakshmi
11	2019186032	HEMALATHA A	Image degradation for quality assessment of pan sharpening method.	Dr.C.Udhayakumar
12	2019186033	SANTHOSH S	Impact of Urbanization and Industrialization on air quality using Remote Sensing.	Dr.D.Thirumalaivasan
13	2019186034	SWETHA M	Evidence based exploratory model of urban heat-health relation in Chennai city.	Dr. R. Vidhya
14	2019186035	YUVASHRI S	Population Estimation of St. Thomas Mount Block Using Remote Sensing Data.	Mrs.M.Navamuniyammal
15	2019186036	CHANDRASEKAR S	Land Use / Land Cover change detection analysis for Thiruvennai Nallur taluk .	Dr.S.S.Ramakrishnan