

LIST OF PROJECTS

2020 – 22 BATCH

Reg. no.	Name of student	Title of project
TCR20CEEE01	ALINDA JOSE	ZnO based thin films for photocatalytic water disinfection under solar irradiation.
TCR20CEEE02	AMITHA P M	Iron based Nanocomposite Geopolymer for Manganese removal
TCR20CEEE03	ANAND KRISHNAN S	Membrane Bioreactor technology for the treatment of persulfate oxidized landfill leachate
TCR20CEEE04	ASHNA MARIA MARTIN	Removal of nitrate and phosphate from fertilizer industry effluent using chlorella vulgaris and spirulina
TCR20CEEE05	ASWATHY C	Groundwater quality assessment using water quality index and modelling using Geographic information system of Kozhikode District
TCR20CEEE06	AYSHA HANNA N	Air quality index assessment, forecasting and urban pollution mapping of Kozhikode district.
TCR20CEEE07	DEEPU T S	MBR treatment of Pharmaceutical waste water with modified ceramic membrane
TCR20CEEE08	FARHANA FATHIMA	Flood risk mapping and landslide hazard zonation of Alappuzha, Kottayam and Idukki districts using GIS and frequency ratio combined with fuzzy logic
TCR20CEEE09	JISS THERESA JOSEPH	Removal of methylene blue dye using nano zinc oxide modified luffa fiber
TCR20CEEE10	KEERTHANA P M	Sustainable plant based green coagulants for dairy wastewater treatment

TCR20CEEE11	KRISHNA M GIRISH	Green synthesis of GO-MgO nanomaterial using Papaya leaf extract and their utilization in removing Cr (VI) ions from aqueous media
TCR20CEEE12	RASMI MOHAN T	Utilization of fly ash-cement concrete slurry for phosphate removal
TCR20CEEE13	SHIJITH RAJ P.V.	Modification of co-solvent assisted interfacially polymerized polyamide composite membrane using carbon nitride nanoparticles
TCR20CEEE14	SHILPA SUDHI	Assessment of spatio-temporal changes in terrestrial carbon sequestration due to Silver Line / K-Rail in Kerala, India
TCR20CEEE15	SUSHAMA K.	Removal of Copper and Iron Ions From Electroplating Industry effluent using Manganese oxide coated Zeolite
TCR20CEEE16	VISMAYA K. B.	Methylene blue dye removal using combination of modified Orange albedo powder and activated Neem leaf powder
TCR20CEEE17	BIBI T.B.	Treatment of paint industry effluent by using biochar and bentonite clay
TCR20CEEE18	ANJANA K M	Landslide zonation and Flood risk mapping using AHP and GIS

2019 -21 BATCH

Reg. no.	Name of student	Title of project
TCR19CEEE01	Albin Mathew	SWAT modelling and analysing of pollution characteristics of Karuvannur river
TCR19CEEE02	Anila A R	Landslide susceptibility and soil erosion modelling of Neyyar basin using GIS
TCR19CEEE03	Antony Sunny	Optimization and forecasting models for municipal solid waste management
TCR19CEEE04	Arya Sivasankaran	Modeling of seawater intrusion in ground water
TCR19CEEE05	Athira K D	EIA of COVID 19 pandemic in Kerala in terms of air quality, plastic medical waste management and socioeconomic environment
TCR19CEEE06	Gayathri M N	Assessment of ground water quality using hybrid Fuzzy-based water quality index
TCR19CEEE07	Hashib P H	assessment of non revenue water in western Kochi and quantifying aparent loss, optiml life of water meters and formulation of a meter policy for Kerala water authority
TCR19CEEE08	Henna Basheerkunimmal	Laundry wastewater treatment for purification and reuse
TCR19CEEE09	Jeffy Johny	Modelling of Dissolved Oxygen in Chalakudy River
TCR19CEEE10	Jyothi A. Kumar	Life cycle assessment of solid waste management systems
TCR19CEEE11	Keerthana K M	Assessment and Mapping of Noise pollution in Palakkad municipality
TCR19CEEE12	Nasna Mohamedali	Machine Learning And Deep Learning In Air Quality Modeling And Its Effect On Human Health: A Case Study Of Kochi
TCR19CEEE13	Navya Cathareen	Life cycle assessment of existing DEWATS in Alappuzha district and developing a design protocol for proposed DEWATS

TCR19CEEE14	Noby George	Study on Air pollution from Plywood industries
TCR19CEEE15	Sheeba M	Design of distribution network with last mile connectivity as per JJM norms for Eramam Kuttur Grama Panchayath, Kannur district
TCR19CEEE16	Smriti Ravindran	Life Cycle Assessment of Sanitary Napkins
TCR19CEEE17	Sreejith P A	Copper removal from air conditioner Condensate water for drinking purpose using pumpkin seed powder filter.
TCR19CEEE19	Sreekutty K	Water quality assessment of river based on water quality index predicted using ANN

2018 -20 BATCH

Reg. no.	Name of student	Title of project
TCR18CEEE01	Ancy P Regi	Performance Evaluation of modified ceramic pot for household water disinfection process
TCR18CEEE02	Anisha P M	Biogas production from poultry waste and pretreated water hyacinth
TCR18CEEE03	Anjana Anand U K	Laboratory study on permeable reactive layer as a remediation for septic tank effluent
TCR18CEEE04	Anjana P Mani	Recovery of phosphates as hydroxy apittite from dairy wastewater
TCR18CEEE05	Aswathy P S	CaCO ₃ scale inhibition by modified green inhibitors developed from betel leaves and acasia catechu leaves extract
TCR18CEEE06	Dillala N R	Modification of cellulose acetate polyethylene glycol composite membrane for enhanced antibacterial activity
TCR18CEEE07	Gilu Saju	An integrated greywater treatment system at household level
TCR18CEEE08	Mahima A R	Application of duckweed: municipal waste water treatment and its reutilisation as biochar
TCR18CEEE09	Neviya Mary	Biological detoxification of tannery effluent using fungal strains isolated from tannery sludge
TCR18CEEE10	Pravithamol T N	A study on air quality due to hot asphalt mix plant and development of remedial measures
TCR18CEEE11	Ravikrishnan C	Integrated waste water treatment system for automobile service stations

TCR18CEEE12	Revathy T U	A Comparative study on efficiency of natural coagulants : aloevera gel and moringa oleifera in the pretreatment of dairy wastewater
TCR18CEEE13	Rinisha P Ram	Nitrate and phosphate removal from fertilizer waste water using polymeric hydrogel
TCR18CEEE14	Sajitha Bai	Designing continuous water distribution system for old muncipal area for Thrissur
TCR18CEEE15	Sheeba N K	Copper nanoparticles impregnated on kaolinite for the control of microbiologically induced corrosion(MIC)
TCR18CEEE16	Sruthi Balachandran	A Comparative study on the defluoridation efficacy of sawdust, coir pith and vetiver roots used in filter candles
TCR18CEEE17	Suhana Hakkim	Study on the effect of modified cotton as floating absorber in solar driven desalination process
TCR18CEEE18	Vrinda J	Dye removal from textile wastewater by chitosan guar gum based hydrogels