

Thiagarajar College of Engineering, Madurai-625015
Department of Chemistry



Name of supervisor	Name of the scholar	Research area	Title of research	Status (completed/ongoing)
Dr.S.Siva Ilango	A.J.Sunija	Bio Polymer	Cashew nut husktannin based polyurethane and their composites using thespesia populnea bark fibres as reinforcement	Completed
Dr.V.Siva Sankar	S.Murugesh	Fluoride toxicity	Fluoride removal studies using natural and synthetic sorbents	Completed
Dr.V.Siva Sankar	S.Rajkumar	Water dynamics	A study on the sorption behaviour of fluoride onto Carbonaceous materials made from biomass: kinetic and Thermodynamic studies	Completed
Dr.P.Kalyani	A.Anitha	Electrochemical studies	Investigation of certain biomass derived carbon as electrodes for super capacitors	Completed
Dr.M.Kottaisamy	B.Sundarakkannan	Polymer composites	Phosphor-polymer composites – Synthesis- characterization and applications	Completed
Dr.M.Kottaisamy	R.Saravanakumar	Waste Water Treatment Process	Studies on the degradation of textile dye effluent in photo catalyst assisted advanced oxidation process	Completed
Dr S.Balaji	T.Manichandran	Thin Film batteries	Development of Li ₂ FeSiO ₄ /C nano composite and alloy anode for Thin film Lithium ion batteries	Completed
Dr S.Balaji	M.Anandakumar	Li Ion Batteries	Development of Nano structured electrodes for Lithium and Na ion Batteries	Completed
Dr.M.Kottaisamy	Gimna Maria George	Nano Fertilizers	Studies on development of Nano and Nano composite fertilizers for sustained release of essential nutrients in the environment of crop production	On going