



UNIVERSITY COLLEGE OF SCIENCE, TUMAKURU

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ವಿಜ್ಞಾನ ಕಾಲೇಜು, ತುಮಕೂರು

CONSTITUENT COLLEGE OF TUMKUR UNIVERSITY

NAAC Accredited 'A' Grade



Department of Chemistry

Sl.No	Name of Faculty	Title of the Project	Funding Agency	Duration	Amount Sanctioned in Lakhs	Status
1	BHAGYALAK SHMI.M	“Evaluation of total phenolic content and antioxidant activity in two species of drumstick (M.oleifera and M. concanensis) leaves	UGC	2012-2014	0.85	Completed
2	Dr.Nirmala B	Analysis of water quality parameters of ground water in different localities in Mysore City.	UGC	2 years	0.475	Completed
3	Dr.Nirmala B	Alumino phosphate and silicate zeolites synthesized by microwave assisted in-situ crystallization	UGC	2 years	1.40	Completed
4	ARUNA KUMAR D.B	Conventional and solvent free synthesis of pharmacologically important furan and its derivatives	DST-FAST TRACK	2011-2014	15.68	Completed
5	ARUNA KUMAR D.B	Isolation and characterization of bioactive secondary metabolites from medicinal plants in the parts of peninsula craton for activity against skin diseases-	UGC, New Delhi	2009-2012	4.395	Completed

		Anethnobotanical investigation				
6	Savitha K.R.	Isolation and characterization .of fungal enzymes involved in bioremediation of rice industry wastes	UGC	2012-014	1.50	Completed
7	MADAVI SUNITHA	Effect of water soluble carbon nanotube in the growth rate of wheat(triticum aestivum)	UGC	2013-2016	1.65	Ongoing
8	Dr. Suresh D	Receptor ligand interactions of human serum albumin & antidepressant drugs	UGC	2 years	7.0 lakh	Completed
9	Dr. Suresh D	Protein - ligand interactions of select papavaraceae alkaloids with serum albumin	UGC	1.5 years	1.3 lakh	Completed
10	Dr.Suresh D	Comparative evaluation of antioxidant potency of egcg & resveratrol by esr spectroscopy and spectrophotometry	VGST	1.0 year	0.3	Completed
11	Dr.Suresh D	Extraction and antioxidant activity studies of select medicinal plants	VGST	1.0 Year	0.3	Completed
12	DR.SHIVAN ANDA M K	Synthesis characterization non-linear optical properties and biological screening of some novel arylfuranlypropenones	UGC	2012-2013	1.3Rs. 1.3 lakh	Completed
13	T.N RAMESH	Electrochemical	VGST-DST, Govt.of	2 Years	4.0	Completed

		supercapacitor application of layered materials	Karnataka			
1 4	T.N RAMESH	Colloidal suspension of Layered double hydroxide-An antimicrobial activity study	UGC-	2 Years	1.4	Completed
1 5	T.N RAMESH	Development of Porous Materials for Electrochemical and Energy Storage Applications	CSIR	3 Years	11.0	Completed
1 6	T.N RAMESH	“Design And Synthesis Of Lithium/Sodium Based Polyanionic Framework (Fluorosulphates, Phosphates, Borates And Carbonates) For Electrochemical Charge Storage Applications (sanctioned)	DST	3 Years	24.0	ongoing
1 7	T.N RAMESH	Synthesis, anion exchange and antimicrobial activity studies of layered hydroxysalts	VGST-DST, Government of Karnataka	6 months	0.3	Completed
1 8	T.N RAMESH	Application of groundnut shell, coconut shell, its decomposed products for purification of water	Innovation and Entrepreneurship Development Cell	6 months	1.0	Completed
1 9	T.N RAMESH	Removal of water soluble dyes using magnesium oxide and zinc oxide	VGST-DST, Government of Karnataka	6 months	0.3	Completed
2 0	Dr. Jayashankar.	Synthesis of new	UGC	2 years	1.2	Completed

		generics of active pharmaceutical ingredients and their comparative studies of disease modifying ability				
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