



Government of Karnataka

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science and Technology

RESEARCH FUND FOR TALENTED TEACHERS (RFTT)

SELECTED LIST OF RFTT PROPOSALS BY VGST – SUBCOMMITTEE(FY: 2016-17)

SL No	College / Institution	Programme Coordinator and Department	Project Title
1	BMS College of Engineering Yelahanka Bengaluru	Mr.B Daruka Prasad Physics	Zinc Oxide Nanocomposites preparation using modified sonochemical method suitable for solar cells and battery applications.
2	Sahyadri College of Engineering & Management Mangalore	Dr. Naveen N Bappalige Physics	Structural characterization of ferroelectric thin films grown by spin coating.
3	Government Science College Salagame Road Hassan	Dr. K M Eshwarappa Physics	Backscatter gamma scanning system for online inspection of industrial process columns.
4	KLE Institute of Technology Hubli	Dr. Shweta Jagadish Malode Chemistry	Spectral and Analytical Methods Based Mechanistic Investigations of Some Biologically Important Compounds.
5	Amrita School of Engineering Kasavanahalli Bengaluru	Dr. T.M. Mohan Kumar Chemistry	Graphene based magnetic hydrogels for the efficient removal of Arsenic and Fluoride from drinking water

6	Amrita Vishwa Vidyapeetham Bengaluru	Dr. S. Giridhar Reddy Chemistry	Sodium Alginate and Lignosulphonic Acid Blends for Controlled Release of Anticancer Drugs.
7	St.Alloysius College Mangalore	Dr. Asha Abraham Biotechnology	Identification of Adrenergic receptor subtype involved in metabolic syndrome: A futuristic Therapeutic target.
8	Shri B.M.Patil Medical College, Hospital & Research Centre Sholapur Road Vijayapur	Dr Nilima Dongre Biochemistry	Screening of Anthropometric Parameters, Thyroid Function and Anti Mullerian Hormone In Adolescent Girls from Vijayapur, North Karnataka
9	B.L.D.E. Association's Vachana Pitamaha Dr.P. G. Halakatti College of Engineering & Technology Vijayapura	Mrs. Suvarna Laxmikant Kattimani Computer Science and Engineering	Automatic highlights extraction in cricket based on video event detection.
10	Manipal Institute of Technology Manipal	Dr. Manjula Shenoy K Information and Communication Technology	Automated customer support on high performance Distributed Information System: A Search Service.
11	Siddaganga Institute of Technology Tumkur	Dr. Premasudha B G Computer Application	KrishiGanaka- A Kiosk aided soil fertilizer recommendation system for crops of Tumkur District.

12	M S Ramaiah University of Applied Sciences Bengaluru	Dr. Roopa S Rao Oral and Maxillofacial Pathology	Prognostic Significance of ALDH1, Bmi1 & OCT4 in Oral Epithelial Dysplasia and Oral Squamous Cell carcinoma.
13	BLDEA's Dr. PGH CET, Vijayapur	Dr. Geethanjali V Patil Mechanical Engineering	Self Sustained Hybrid Energy Management System Using Wind Turbine and Solar Aero Generator.
14	B.L.D.E. Association's Vachana PitamahaDr.P. G. Halakatti College of Engineering & Technology Vijayapura	Dr. M S Shirdhonkar Computer Science and Engineering	Document Image Retrieval System.
15	B.L.D.E. Association's Vachana Pitamaha Dr.P. G. Halakatti College of Engineering & Technology Vijayapura	Prof. Sujatha S. Desai Computer Science and Engineering	Denoising and Retrieval of Document images
16	Atria Institute of Technology Bengaluru	Dr. Shanthi Mahesh Information Science and Engineering	Arduino-based Cardiac monitoring model using PPG and GSR sensor
17	Central university of Karnataka School of Earth Science Kalaburgi	Dr.M Lingadevaru Geology	Petrological and ore petrological Studies of BIF Hosted Chinmulgund gold Deposit, Shimoga schist Belt, Western Dharwad Craton