

Government of Karnataka
Vision Group on Science and Technology
Department of Information Technology, Biotechnology and Science & Technology

KARNATAKA FUND FOR INFRASTRUCTURE STRENGTHENING IN SCIENCE AND TECHNOLOGY IN HIGHER EDUCATIONAL INSTITUTIONS (K-FIST) – (LEVEL – I)

RECOMMENDED ADDITIONAL LIST OF K-FIST (Level – I) PROPOSALS BY VGST – SUBCOMMITTEE TO RECEIVE VGST GRANTS FOR THE FY 2014-15

SL. NO.	NAME & ADDRESS OF THE INSTITUTION/COLLEGE	NAME OF THE DEPARTMENT	PROPOSAL TITLE	NAME OF THE PROGRAMME CO-ORDINATOR	CATEGORY
1	HMS Institute of Technology, Tumkur	Chemistry	Vapour Phase Synthesis of Fine Chemicals using Cordierite Honeycomb Coated with zirconia Based Solid acids as Catalytic Materials	Dr. S.Z. Mohamed Shamshuddin	-
2	KLE University's College of Pharmacy, Bangalore	Pharmaceutical Chemistry	Establishing the Facility for Design, Synthesis and Characterization of Silymarin Derivatives as Antioxidant & Anticancer Agents	Dr. Subhas S Karki	-
3	Manipal Institute of Technology, Manipal University, Manipal	Physics	Investigation of Potential Alternatives for Window layer to Improve the efficiency of CdTe based solar Cells	Dr. Mahesha MG	-
4	Karnataka State Women's University, Bijapur	Bioinformatics and Biotechnology	Identification and Validation of Ethnic plants Bioactive Targets Involved in Immune Modulation: by Insilico and Invitro Studies	Dr. S.B. Madagi	* BKT
5	Kristu Jayanti College, Bangalore	Life Science	Study on development and evaluation of herbal formulation for treating Melanoma Hyperpigmentation using Cell lines	Dr. Deepa M.A	-
6	Bangalore Institute of Technology, Bangalore	Telecommunication Engineering	Development of Low Power VLSI Circuits	Dr. S. Shanthala	-
7	Kidwai Memorial Institute of Oncology, Bangalore	Cytogenetics unit Pathology	Prognostic evaluation of RUNX1 gene in childhood precursor B – Cell Acute Lymphoblastic Leukemia with intrachromosomal amplification of chromosome 21 (iAMP21)	Dr. Prasannakumari	-
8	Jain College of Engineering, Belgaum	Electrical and Electronics Engineering	JCE - Power System Simulation Laboratory	Dr. G.H. Kulkarni	-
9	MVJ Medical College and Research Hospital, Hoskote Taluk, Bangalore	Pathology	Significance of Detection of HPV by PCR method in routine cervical Cancer Screening in rural area and Correlation with Cervical intraepithelial lesions.	Dr. Kalyani R	* BKT
10	Vemana Institute of Technology, Bangalore	Mechanical Engineering	Modernization of Alternative Fuel Lab by the Addition Exhaust Emission Equipment for the Diesel Engine Test RIG	Mr. Mrityunjayawamy KM	

11	KLS's Gogte Institute of Technology Belgaum	Mechanical Engineering	Efficient roof top wind mills with passive magnetic levitation	Dr. Siddappa I Bekinal	-
12	Shri Dharmasthala Manjunatheshwara College of Engineering and Technology Dharwad	Chemistry	Electrochemical Energy Storage with Modified Graphene Oxide - Conducting Polymer Hybrids	Dr. A.A. Kittur	-
13	B.L.D.E. Association's Vachana Pitamaha Dr. P.G. Halakatti College of Engineering and Technology, Bijapur	Mechanical Engineering	Noise and Vibration Engineering Laboratory	Dr. M.I. Sakri	* BKT
14	The Oxford College of Engineering, Bangalore	Biotechnology	Establishment of Center for Computational Medicinal - Chemistry in Drug Discovery	Dr. Kusum Paul	-
15	Rani Channamma University, Belagavi	Physics	Monodisperse Manganite nano particle synthesis and characterization by contactless conductivity and susceptibility measurements	Dr. Balachandra G Hegde	-

*** SELECTED UNDER SPECIAL DEVELOPMENT PROGRAMME (SDP) - Educational institutes located in Backward Talukas of the state. GoK.,**

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