

MAJOR ONGOING SPONSORED R&D PROJECTS
(As on July 2014)

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI SPONSORED PROJECTS UNDER MODROBS AND RPS

Sl. No.	Title of the Project	Sanctioned Department	Principal Investigators / Coordinator
1	Eco friendly Bio Composite from Natural Fibres fabrication properties & Evaluation	Textiles	Dr. K.Muruges Babu
2	Design and Optimization of Biomethanation Process for high TDS spent meal from Oleo resin of Agrobio Chem Pvt. Ltd.	Mechanical	Dr. A.M.Nagaraj
3	Modernization & Removal of Obsolescence in Atmospheric Science Engg. laboratory	Environment	Dr. S.Manjappa
4	Development of a High Frequency Milling Spindle and Evaluation of Dynamic Stability using Audio-Signal Measurements	Mechanical	Dr. M.Prasanna kumar Dr. D.Ramesh Rao
5	Development of a High Frequency Milling Spindle and Evaluation of Dynamic Stability using Audio-Signal Measurements	Mechanical	Dr. A.G.Shankarmurthy Dr. Subrahmanya Swamy
6	Design and analysis of Efficient privacy preserving data mining algorithms	Information Science and Engg.	Dr. B.Poornima
7	Modernization and Removal of Obsolescence in Genetic Engineering and Enzyme Technology Laboratory	Biotechnology	Dr. B.E.Rangaswamy
8	Modernization of Power System Simulation lab	Electrical and Electronics	Dr. M.S.Nagaraj
9	Development of Piezoelectric Direct Injection for compression ignition Engine working on Bio-Diesel Produced from waste pupae- A by product of silk reeling industry.	Mechanical	Dr. S.Kumarappa
10	Exploration of bacteria as an alternative source for the production of cellulose	Biotechnology	Dr. B.E.Rangaswamy
11	Analytical and Experimental Investigations of Thermal errors of a high frequency internal Grinding machine.	Mechanical	Dr. S.Subramanya Swamy

**VISION GROUP FOR SCIENCE & TECHNOLOGY, GOVT. OF
KARNATAKA SPONSORED RESEARCH PROJECTS**

Sl. No.	Title of the Project	Sanctioned Department	Principal Investigator/ Coordinator
1	Pharmacological Screening of Traditional Medicines(CISE)	Chemical	Dr. C.M.Kalleshppa and Dr. B.M.Kulkarni
2	Exploration of Bacteriophages as an alternative to antibiotics to target the emerging multidrug resistant bacteria(SMYSR)	Biotechnology	Dr. N.S.Manjunath

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
SPONSORED PROJECTS**

Sl. No.	Title of the Project	Sanctioned Department	Principal Investigator/ Coordinator
1	Investigation on Evaluation of Calliandra – Calothyraus for production of Bio-Ethanol	Chemical	Dr B.M.Kulkarni
2	Optimization of Cellulosic Ethanol Production from various feed stocks	Chemistry	Dr. S. Manjappa
3	Design and Development of High Temp Creep Testing setup for mental Matrix polymer composites	Industrial Production	Dr K. Sadashivappa

**DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA
SPONSORED PROJECTS**

Sl. No.	Title of the Project	Sanctioned Department	Principal Investigator/ Coordinator
1	Fermentative production of microbial cellulose	Biotechnology	K.P.Vanitha and Dr. B.E.Rangaswamy
2	Atmospheric microbial diversity with particular reference to allergic pulmonary infections in Davangere	Biotechnology	A.M.Yogitha Seema and Dr. B.E.Rangaswamy
3	Optimization of biomethanation process for high TDS spent wash from distilleries	Chemistry	Smt. Lalitha D. & Dr. S.Manjappa

**DEPARTMENT OF BITECHNOLOGY, GOVT. OF INDIA
SPONSORED PROJECTS**

Sl. No.	Title of the Project	Sanctioned Department	Principal Investigator/ Coordinator
1	Airborne bio contaminants and their association with Asthma, Respiratory infections and Genetic predisposition	Biotechnology (approved)	Dr. B.E.Rangaswamy Dr. V.L.Jayasimha & Dr. N.S.Manjunath

