

WORKING PAPER 2014

Sl.No.	Principal Investigator / Co Investigator	Department	Project Title	Duration
1.	Seema Chakrabarathi	CUIM	Evolution & Role of Exchange Traded Currency Derivatives Markets in India	6 months
2.	Aishwarya S Nair	Engineering	Territory division and patrolling by group of mobile robots for surveillance app	6 months
3.	Benrajesh P	Engineering	Air conditioning by waste heat energy	6 months
4.	Chennakeshava R	Engineering	Elastic wave propagation of compound bars	6 months
5.	Dayalan J	Engineering	Comparative study on soil stabilization of expansive soil with ground granulated blast furnace slag (CGBS) and fly ash	6 months
6.	Devika Menon M K	Engineering	A novel method to extract maximum power from the solar panel of a grid connected photovoltaic system using phase angle control and hysteresis current control	6 months
7.	Haneesh KM	Engineering	Optimal control of wind energy systems using feedback linearization	6 months
8.	Inbanila K	Engineering	Voice morphing using GMM,MFCC, analysis and synthesis	6 months

9.	Kukatlapalli Pradeep Kumar	Engineering	Optimized Ontology centered representations for the text based search engines	6 months
10.	Latha R	Engineering	Optimized digital filter architectures for Multi standard RF transceivers	6 months
11.	M Beulah	Engineering	Development of Genetic algorithm based neural network model for predicting the durability of high performance concrete	6 months
12.	M Sharath Bimba	Engineering	Study of various tunable on chip active inductors for quasi resonant interconnects	6 months
13.	Palpandian	Engineering	Design and fabrication of washing equipment for hostel students	6 months
14.	Ramesh Shahabadkar	Engineering	Student dashboard feedback mining to improvise teaching-learning enhancement	6 months
15.	Sathish P K	Engineering	Comparative analysis of Image feature descriptors and detectors in surveillance videos	6 months
16.	Shashi Kumar D	Engineering	A study on smart antenna beam forming Algorithms and their applications	6 months
17.	Srinidhi Lakshmish Kumar	Engineering	Cost modeling of midrise RCC buildings designed in various seismic zones and soil conditions in India	6 months
18.	Vineeth V	Engineering	Comparative study of power electronic interfaces for stand along distributed generation	6 months

19.	Pranab Das	Engineering	Value addition in waste foundry sand through ceramic processing	6 months
20.	Amutha Manavalan	Media Studies	Transformation of Tamil short films to feature films - a study of 3 films	6 months