

FACULTY PROJECTS

Department of Mechanical Engineering

Academic Year	Name of the Faculty	Title of the Project	Contribution/Achievement
2013-2014	Dr .K. Purushothaman	Review on emission and characteristics of a diesel engine fueled with rubber seed oil based biodiesel	IOSRD International Journal of Engineering Vol. 1, Nov 2014, Pages 9-15
	Dr .K. Purushothaman	A Review: Reducing Emissions for In-Cylinder Internal Combustion Engine	International Journal of Applied Vol.9, No.4 (2014) PP 1903-1921.
	Dr .K. Purushothaman	Analysis of fuel flow in Internal Combustion using CFD	International Review of Mechanical Engineering Vol.8, N.3, May 2014.
2014-2015	Dr.K. Purushothaman	Design and Fabrication of Solar Pump	National Conference on Recent Advances in Mechanical Science (NCRAMS'2K15)St. Peter's University,(2015)
	A. Shadrach Jeya Sekaran	Mechanical Characterisitics of Woven Banana and Glass Fiber Epoxy Composites	Applied Mechanics and Materials Vols 766-767 (2015) pp 110-115
	A. Shadrach Jeya Sekaran	Some Natural Fibres used in Polymer Composites and their extraction Processes	Journal of Reinforced Plastics and Composites Vol33(20), 1879-1892, Sep 2014.
	P. Suresh	An Integrated Approach for the sustainable development of an Automotive Component using CAD/CAE, DFE and DFMA Concept	Applied Mechanics and Materials Vol, 766-767, (2015), pp 1009-1014.
	Ramya Devi	Tensile Property Evaluation of Woven Glass Fiber Reinforced Plasticand Aluminium Stack	Applied Mechanics and Materials Vol, 766-767, (2015), pp 44-49.
	G. Ramya Devi	Multipurpose machine using Fly Press	National Conference on Recent Advances in Mechanical Science (NCRAMS'2K15)St. Peter's University, (2015).

Department of Electronics and Communication Engineering

Academic Year	Name of the Faculty	Title of the Project	Contribution/Achievement
2014-15	Dr.R.Ranihemamalini	Multimodal biometrics for person authentication	IJCA Vol No 70-24 Pp 44-48

Department of Computer Science and Engineering

Academic Year	Name of the Faculty	Title of the Project	Contribution/Achievement
2014-2015	Dr.S.Anbu Mr.S.Sivakumar	Design of efficient caching algorithms for reducing traffic in P2P networks.	Efficient algorithm is designed for reducing the congestion in P2P networks was developed and it is tested successfully

Department of Information Technology

Academic Year	Title of the Project	Name of the faculty	Contribution/Achievement
2012-2013	SPCET student manager	Dr.B.Shanthini	Applied for funding

Department of EEE

Academic Year	Title of the Project	Name of the faculty	Contribution/Achievement
2015-16	Analysis and simulation of control converter using IGBT	Ms.C.Subha	The complexity of integrated starter generator in hybrid vehicles can be replaced by a simple circuit.

Department of Civil Engineering

Academic Year	Title of the Project	Name of the faculty	Contribution/Achievement
2013-2014	Uniaxial Stress Strain Behaviour of Unreinforced Geopolymer Concrete Brick Masonry Prism	Dr.P.Priya Rachel	Asian Academic Research Journal of Multidisciplinary
2014-2015	Design and Development of a Urban Mobile Air Quality Monitoring System	Dr.P.Partheeban	International Journal of Emerging technologies and Advanced Engineering

	Using Sensor,GPS,GIS and Internet		
2014-2015	Enhancement Soil Stabilisation Using Electrokinetic Method	Dr.P.Partheeban Mrs.C.A.Poornima	International journal of scientific and engineering research ISSN 229-5518

Department of Aeronautical Engineering

Academic Year	Title of the Project	Name of the faculty	Contribution/Achievement
2014-15	Analysis the stability of dynamic blimp	Mr.V.Vinoth	Increase in maneuverability.

Department of Management Studies

Academic Year	Title of the Project	Name of the faculty	Contribution/Achievement
2015-2016	Health care management	Dr.A.Manorselvi Ms.Evangeline	The project help in identifying the gap found in managing the services of health care industry providing a support for introducing the course in health care management for educational institutions