

Department of ECE

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.V.Abhaikumar Dr.S.Raju Dr.Sathya Bama	Fourier based Rotation Invariant texture features for content based Image retrieval & textile Image retrieval system	Patent Granted US 8699785 B2, US 8699785 B2
2	Dr.V.Abhaikumar Dr.S.Raju Dr.A. Banumathi	Dental cysts detector	Patent Granted US 9014440 B2
3	Dr.V.Abhaikumar Dr.S.Raju Dr.A. Banumathi	Dental caries detector	Patent Published US 20110110575 A1
4	Dr.V.Abhaikumar Dr.Srinivasan Raju Mr.S.DeepakRam Prasath Mr.P.Vasikaran Mr.R.Senthilkumar	Devices and methods for phase shifting a radio frequency signal for a base station antenna	Patent Granted US 8862063 B2 US 8670720 B2
5	Dr.S.Md.Mansoor Roomi	Automatic Attendance System through Image Processing	Patent filed IN-1011/CHE/2008
6	Dr.K.Hariharan	A Novel electronic system for measuring wet level on a runaway	Patent filed CHE/446/2008

Department of EEE

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.P.S.Kannan	PSK method for finding the actual contribution of each generator to each load and system losses	Patent filed 1010/CHE/2008
2.	Dr.V.Prakash	Non-Destruction method for determination of turns per coil in stator winding of three phase Electrical Machines	Patent filed Application No IN 61/CHE/2004

Department of Mechanical

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.M.Elango Dr.S.P.Nachiappan	Automated drill hole allocation and routing technique for VLSI-PCB drilling	Patent filed IN-817852
2	Dr.A.Valan Arasu S. Madhanakrishnan K. Gokul	Efficiency Enhanced LPG Stove	Patent filed 916/CHE/2015
3	Dr.S.Muralidharan	Visual control approach for detection of fuel level in gas cylinder incorporated with GSM technology	Patent filed 3577/CHE/2014

4	Dr.S.Muralidharan	A remote controlled multi-crop seed planting machine	Patent filed 3210/CHE/2015
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Department of Civil

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.K.Kannapiran Dr.T.Sujatha Dr.S.Nagan	Hear Curing Chamber	Patent filed Application No. 2607/CHE/2012

Department of Chemistry

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.R.Vasudevan	A new mix process of waste plastics-aggregate-bitumen for flexible pavement	Patent Granted 198254/2002
2	Dr.M.Kottaisamy	A process for the conversion of waste plastics to hydrocarbon fuels by using silica and chemically modified silica catalyst derived from rice husk ash.	Patent filed 4257/CHE/2014

Department of Physics

Sl.No	Name of the Faculty	Title of Patent	Patent No
1	Dr.M.Mahendran	Design of Magnetic Filed induced spherical quantum dots for nanoscale electronic device applications	Patent filed 1007/CHE/2008
2	Dr.M.Mahendran	Design of acoustic Energy Absorber using Ferromagnetic shape memory alloy composites encapsulated	Patent filed 1008/CHE/2008