

**Details of the Patent Applications**

Sl. No	Name	Title	University / Center	Application Number
1	Dr. Geetha Balakrishna	A process of disinfection of water using broader spectrum of solar radiation	Center for Emerging Technologies	3516/CHE/2010
2	Dr. Geetha Balakrishna	A process for rapid detection of food and water borne pathogens	Center for Emerging Technologies	3517/CHE/2010
3	Dr. Geetha Balakrishna	A process of photo elimination of Ethidium Bromide, A potent mutagen using renewable source of energy	Center for Emerging Technologies	3204/CHE/2010
4	Mr. Dhruv K Gera	Eco friendly fan	Center for Management Studies	3937/CHE/2011
5	Mr. Dhruv K Gera	Eco friendly mechanized universal household water saving adapter	Center for Management Studies	3936/CHE/2011
6	Mr. Dhruv K Gera	Eco friendly universal timer based adapter for powering household appliances	Center for Management Studies	3935/CHE/2011
7	Ms. Anila Bajpai	Eco friendly intelligent safety apparatus	Center for Management Studies	3938/CHE/2011
8	Mr. Dhruv K Gera	Eco friendly flow control device for tobacco smoking	Center for Management Studies	225/CHE/2012
9	Mr. Dinesh Nilkant	Alerting device for SMS and Calls	Center for Management Studies	226/CHE/2012
10	Dr. K Gopalakrishna, C B Mohan	Composite paste to build up surfaces and the process of making the paste	Center for Emerging Technologies	4903/CHE/2012
11	Mr. Dinesh Nilkant	A web based online learning portal for an educational system	Center for Management Studies	2615/CHE/2012
12	Mr. Dushyantha Nugehalli Devegowda Ms. Suma Manjunath Nagaraj Mr. Mrityunjaya Vittala Latte	A system and method for in vehicle traffic sign and route indication and automatic vehicle control	Department of Electronics and Communications Engineering	747/CHE/2014

13	Dr. Srividya	A process of amylase production from Bacillus for textile desizing	Center for Post Graduate Studies	2177/CHE/2014
14	Dr. Gopalakrishna	Checking gauge for a work piece	Center for Emerging Technologies	2288/CHE/2014

Patent Applications sent to NRDC

Sl. No	Name	Title	University / Center	Application Sent
1	Dr. Kathyayini et al	Development of acid functionalized MWNTs for esterification of benzyl alcohol with carboxylic acid	Center for Emerging Technologies	Applications sent to NRDC
2	Dr. Kathyayini et al	Design and development of low cost thermal paste	Center for Emerging Technologies	Applications sent to NRDC
3	Dr. Nagendra Kempegowda Mr. Mohan Krishna Srinivasan Mr. Raghu Nanjundegowda	A Novel Scheme for Increasing the Effective output of Solar Pumping System	Dept. of Electronics and Communication Engineering	Applications sent to NRDC
4	Mr. Dushyanth Nuggehally Devegowda Mr. Mruthunjaya V Latte	Image Construction in Ultrasonic NDT Using Camera Based Position Sensors	Dept. of Electronics and Communication Engineering	Applications sent to NRDC
5	Dr. Mohan Chikkamaranahalli Bhoganarasimhaiah Dr. Krishna Venkatesh Dr. Gopalakrishna Keshava Narayana	Development of additive based lubricants for sliding surfaces	Center for Emerging Technologies	Applications sent to NRDC
6	Mr. Roopak Raj S	Page Mate	Department of Aerospace Engineering	Applications sent to NRDC
7	Dr. Ravi Kumar Kadeppagari Mr. Sukrutha Suresh Dr. Venkata Krishna Bayineni	Economic processes for the production of bilirubin oxidase	Center for Emerging Technologies	Applications sent to NRDC
8	Dr. Goplakrishna Dr. K .Venkatesh Mr. Jagadeesha	Novel Circuitry for improved Mileage in a direct / multiport fuel injection system	Center for Emerging Technologies	Applications sent to NRDC

Disclosures received and under processing

Sl. No	Name	Title	University / Center	Disclosures received
1	Dr. Bindhu O S Ms. Maheshwari Kumari Singh	Novel purified latex proteases for wound healing (hemostatic) potential	Center for Emerging Technologies	Disclosures received
2	Dr. Bhaskar Dixit	Novel improved stove	CDM	Disclosures received

Patent filled by Research Scholars

Sl. No	Name	Title	University / Center	Application Details
1	Ms. Ligi Jose	Recombinant variable surface glycoprotein and monoclonal antibody based competitive inhibition enzyme linked immunosorbant assay for detection of antibodies against Trypanosoma evansi	Research Scholar	Patent application Number: 370/CHE/2015, dt. 25.01.2015
2	Ms. Ligi Jose	“Monoclonal antibody based double antibody sandwich ELISA for the detection of Trypanosoma evansi antigen in animals”	Research Scholar	Yet to receive Patent application number