



RV COLLEGE OF ENGINEERING[®], BENGALURU - 59. *Go, change the world[®]*

(An Autonomous Institute, Affiliated to VTU, Belagavi)

DEPARTMENT OF CHEMICAL ENGINEERING

Patents Granted

Sl. No.	Title	Inventors	Patent Number
1.	A Segregation Unit for a Solid Waste Management System and a Method of Segregating Thereof	Dr. M.A.L Antony Raj Anupama .V. Joshi Aishwarya Pantula Manasvi Hemant Paradkar Nivedha R.M	329796
2.	Method and system to develop a polymer Hydrogel metal oxide composite based sensor to detect and quantify hydrogen gas	Dr. Ujwal Shreenag Meda Dr.A.R.Phani Dr. Lourdu Antony Raj Shripathi Ramakrishnan Maitri Uppaluri	338004
3.	Extraction of Hydroxymethyl furfural (HMF) from Organic Waste	Vinutha Moses Sumedha Bhat Snehil Kumar B Akshay C.B Rishil Rai	402421
4.	Fluid Jacketed Temperature Swing Adsorption System for Carbon Dioxide Capture using Graphene	Dr. Basavaraja R J Siddhant Gupta Siddarth Achar Shrilakshmi Bonageri Atul Menon	407395
5.	Water Retention Agent for Soil	Vinutha Moses Rohit Kumar Niveditha Mohan Ajay Melrit D'Silva Pramada Tirumala	402195

Patents Published

1.	Method and System for Developing a Sensor to Detect Hydrogen Gas at Ambient Conditions	Dr. Ujwal Shreenag Meda Akshay Kulkarni, Abhinav Bajaj Aditya Kulal, Karthik SS	201641012578
2.	Efficient Adsorber Cum Muffler	Dr. M A Lourdu Antony Raj Pratham Kumar N Raghav Raja Ros Theres Koikkara Kalpitha M V	202041010158
3.	Novel Nano Coating Based opto Electronic Devises	Dr. J R Kumar Dr. Suma G R Dr. Vidya C Dr. Gayatri H M	202241026152
4.	A Method and System to Enhance the Properties of Cementitious Products	Dr.Ujwal Shreenag Meda Dr.Radhakrishna, Sachin K C	202141015076
5.	A Method to Enhance The Performance of A Microbial Fuel Cell	Dr.Ujwal Shreenag Meda Pradeep G A	202141015075