

List of Patents Published / Awarded

Sl. No.	Name of the Faculty Member	Designation/ Department	Title of patent published/awarded	File Number	Date of Publication/ Awarded
1.	Dr S V Ranganayakulu	Dean - R&D	Test Jig for Acoustic Emission Evaluation of Specimens (Classification:10-05)	268427	2 nd September'2016 Published by The Patent Office Journal, Page No.68621
2.	Dr S V Ranganayakulu	Dean - R&D	Method and Instrument for Studying of Acoustic Emissions of a Specimen of a Material and Asserting for various Parameters of Testing	2122/CHE/2015A	30 th August'2016 (Issue No.41/2016) Published by Patent Office Journal, Page No.69488
3.	Dr S V Ranganayakulu	Dean - R&D	A Method and device for detection of Errors and implementation of Hamming Code Theory for correction of error bit in digital data transmission	201741009261A	21 st April'2017 (International Classification No. H03M)
4.	Dr S V Ranganayakulu	Dean - R&D	A hardware enabled for a computing system based on 2's complement adder/sub tractor for all the possible cases using ripple carry adder	201741026178	28 th July'2017 (International Classification: G06F7/38:H03M99/00)

5.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Effect of lithium and zirconium addition on LM25 aluminum cast.	2203/CHE/2015	04 th November'2016 Journal No. 46/2016
6.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Analysis of mechanical properties of LM25 in comparison with other grades of aluminum.	2204/CHE/2015	4 th November'2016
7.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	The use of WC-CO micro particles on the EN 33 steel substrate to increase the wear resistant and improve the life of planetary gear drive system by using plasma spray technology.	4117/CHE/2012	11 th April'2014
8.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Improving the mechanical properties of LM 25 by adding alloying elements.	2206/CHE/2015	4 th November'2016 Journal No. 46/2016
9.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Wear behaviour WC- CO coating for AL-SI alloy.	1906/CHE/2014	1 st January'2016 Journal No. 01/2016
10.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Studies on wear properties of carbide coating on case carburized steel.	1904/CHE/2014	1 st January'2016 Journal No. 01/2016

11.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Studies on thermal properties of aluminum silicon (AL-SI) material.	1903/CHE/2014	1 st Jaunary'2016 Journal No. 01/2016
12.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Design and fabrication of piston by using aluminum alloy.	2205/CHE/2015	4 th November'2016 Journal No. 46/2016
13.	Dr. R Dhanasekaran	Professor, Mechanical Engineering	Wear behavior of AL 203-TI 02 coating for AL-SI alloy.	1908/CHE/2014	1 st January'2016 Journal No. 01/2016
14	Dr. H S Saini	Professor, Computer Science & Engineering	An Exhaust arrangement for accelerated and accentuated draught and vapours using Chimney of varying cross section	12/149/2018/CHE	23 rd Feb'2018
15	Dr. H S Saini	Professor, Computer Science & Engineering	Split Exhaust System with Single and Multiple Suction Fans for Flue Gases in A Kitchen Chimney	12/596/2018/CHE	29 th June' 2018
16	Dr S V Ranganayakulu,	Dean R&D	Preparation And Production Of Fluids With Nano Particles From Metallic Elements By Co Precipitation method	201841007795	9 th March' 2018
17	Dr S V Ranganayakulu,	Dean R&D	Method and procedure for estimation of critical parameters of various Nano	201841011292	20 th April'2018

			fluids for usage of the Nano fluids in different application		
18	Dr S V Ranganayakulu,	Dean R&D	Method of carrying out kinetic studies on changes of ultrasonic velocities in the mixing of solvents for pharmaceutical products synthesis	201841016879	11 th May 2018
19	Dr S V Ranganayakulu,	Dean R&D	Improvements in drug developing/manufacture and membrane permeability using ultrasonic investigating studies and application of Linear Free Energy relationships	201841018264	25 th May 2018
20	Dr. G Sankaranarayanan,	Professor, Mechanical Engineering	A natural fiber reinforced protective mechanism for tee Head	201841046570 A	14 th December 2018
21	Dr. G Sankarnarayanan / Dr. M I ThariqHussan	Professor, Mechanical Engineering / Professor, IT	Vision Based Safety Seat Belt Monitoring System	201941003139 A	1 st February 2019
22	Dr T Thirumalai	Professor, Mechanical Engineering	Wear Behavior of B4C Reinforced Hybrid Aluminum Matrix Composites at Elevated Temperature	201941004659A	15 th February 2019

23	Dr E Madhusudhan Reddy	Professor, CSE	System and Method for Monitoring and Improving Structure of Calcaneal Shift Impacted Foot	201941009083 A	2 nd March 2019
24	Dr. Rashid Mahmood	Professor, ECE	Method and Systems for Determining a position of an object in suspensions condition	201941004200 A	2 nd February 2019
26	Dr. Rashid Mahmood	Professor, ECE	Method and System for aiding driver of a vehicle to ensure a safe driving environment.	201941000050 A	8 th February 2019
27	Dr. Rashid Mahmood	Professor, ECE	Method and System for rendering a panoramic view of a traffic to a driver of a vehicle.	201941000049 A	8 th February 2019
28	Dr. Rashid Mahmood	Professor, ECE	Method and System for Rendering Road Information from a First Vehicle to a Second Vehicle	201841044218 A	7 th December 2018
29	Dr. Rashid Mahmood	Professor, ECE	Method and System for Wirelessly Charging of an Appliance	201811040942 A	28 th December, 2018
30	Dr. M I ThariqHussan	Professor, IT	Vision Based Safety Seat Belt Monitoring System	201941003139 A	1 st February 2019
31	Dr. Shanthi	Professor, EEE	Siscoplan Composite Material	201941043773	29 th November 2019

32	Dr. Chandragupta Mouryan	Professor, EEE	Consumer End Load Scheduling and Monitoring Using IoT	201941052333	20 th December 2019
33	Dr. Sagar Pamu	Asst. Professor, Pharmacy	Isolation and characterization of fluorescent chemical from Banana Ash	201941012134A	24 th May 2019
34	Dr. Rashid Mahmood	Professor, ECE	An apparatus and method for remotely monitoring an aquatic animal and classification thereof	201941034109	27 th September'2019/2 nd November'2020

