



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

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L.B. Reddy Nagar, Mylavaram, NTR District, Andhra Pradesh - 521230



Department of Mechanical Engineering Patents details in the A.Y 2023-24

Sl.	Patent Title	Applicants/ Inventors	Patent No.	Filed Date	Published Date	Agency Category
Utility Granted -01						
1.	A Localized Intelligent Vehicle for Disabled Individuals	Vallapudi Dana Raju	202141007160 Patent Grant Ref. No.: 534426	20/02/2021	23/04/2024	IPR India
Utility Published-09						
2.	A Control System For Internal Combustion Engines Utilizing Flexible Alternative Fuels And Method Thereof	Mr. Alias Paul Sudheer Kumar Battula Dr. S. Thiruchitrambalam Dr.K.Balasubramanian Mr. Md. Farid Hossain Dr. P. Suresh Kumar Mr. M. Sudhakar	202341042495	25/06/2023	07/07/2023	IPR India
3.	Mono Wheel Bicycle With Enhanced Stability And Maneuverability	GANDHAM YEDUKONDALU Dr. T. Srinivasa Rao Dr. K. Satyanarayana Mr. B. Sudheer Kumar Mr. V. Kiran Kumar Ms. M. Lakshmi Vinitha Dr. SK. Jakeer Hussain NadavapalliVenkata Naga Gopala Joga Rao	202341062471	17/09/2023	06/10/2023	IPR India
4.	Effect of fuel injection pressure on performance and emission characterstics of DI-CI engine with sheaolein biodiesel	Dr. K.BhaskarMutyalu Mr. V.Venkatrami Reddy Mr. K.V.Jawahar Mr. K.Lakshmi Prasad Dr. Gopala Rao Thellaputta Dr. Kiran Kumar Billa Seelam Umamaheswara Reddy K. Sai Babu Mr. K.Ramprasad VidyaSagari K	202341082074	02/12/2023	22/12/2023	IPR India
5.	Coconut Coir Fiber Reinforced Epoxy Composite With Cement Filler	Srinivasa Rao Kamana, Dr G. Bala MuraliKrishna, Siva Sankara Babu Chinka , Dr Jeevan Kumar N, Dr P Vasanth Kumar	202341063961	23/09/2023	06/10/2023	IPR India



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6.	An IoT Enabled Smart Electric Bicycle	Lakireddy Bali Reddy College of Engineering, Dr. V.DhanaRaju , SeelamPichi Reddy, Dr. M.B.S.Sreekar Reddy, J.Subba Reddy, Dr. Y. Amar Babu, G.Jitendra, Sai Vyshnavi, Dr.P.Rakeshkumar, Dr. G.Nageswararao	202441014564 A	28/02/2024	08/03/2024	IPR India
7.	Fabrication of Aqua Oxidizer	K. Lakshmi Prasad V.Venkatramireddy Dr.V K Viswandha Raju S Rama Krishna M.Sundar Rao D.Sridevi Ch.Usha K. BhaskarMutyalu	202441040681 A	24/05/2024	31/05/2024	IPR India
8.	Utilizing self-healing materials for IOT Enabled Infrastructure maintenance and repair in data communication networking	N. Rajesh Babu NarenderChinthamu A.Anansraj Rinoos Rajesh Nitin Kumar Dhimole Varimadugu Sandhya JyothirmayiNarne Dr. Siva Sankara Babu Chinka Sivasankara Raju R M A Stephenraj	202441027525	03/04/2024	12/04/2024	IPR India
9.	A Novel method for fabricating leaf spring using E glass/ Epoxy composites for light Heavy Vehicles	Gandham Yedukondalu Dr.T srinivasa Rao Dr. K. Dileep Kumar Dr.Sk. Jakeer Hussain Dr.K.Satyanarayana M.Avinash M.LakshmiVinitha	202441008457 A	07/02/2024	08/03/2024	IPR India
10.	Design And Analysis Of High Strength To Weight Backhoe Loaders	SathishkumarNatesan S Bala Mohan K S Sriram Frank Gladson T S Dr V Gopal Dr. S. Rajesh Ruban Dr R Prabu Jonnala Subba Reddy G. M. Pradeep G. Ashwin Prabhu C. Anand	202441012315 A	21/02/2024	15/03/2024	IPR India



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11.	Multi utility wheel chair for crawling people	Dr.B.Venkata Naga Raja Siva Kumar Dr.Seelam Pichi Reddy Dr. E.V Krishna rao Pamula Narendra Babu Annamdasu Nageswara Rao Syamala Subba Reddy	202341065948 A	30.09.2023	20.10.2023	IPR India
Design Granted - 01						
12.	AI Based Body Scanner	Sankararao Vinjavarapu Dr.Md.Khaja Moinuddin Jothi Soni Manoj Tiwari Abhineet Samadhiya Hansini Medikundu Anna Eswara Kumar	414012-001	18/04/2024	22/05/2024	IPR India

Patent Type	Utility Granted	Utility Published	Design Granted	Design Published	Total
Number of Patents	01	10	01	00	12

R&D coordinator

HOD –Mech