



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

Accredited by NAAC, NBA Tier-I for CSE, IT, ECE, EEE & ME

### DEPARTMENT OF MECHANICAL ENGINEERING

#### Patents Published

A.Y: 2020-21

S.No.	Name of the Inventor	Title of the patent	Agency	Published Date	Patent Application ID	Status
1.	Raja Santhosh Tulala, Bramah Hazela, S. Vijayalakshmi, Shoaib Arif Shaikh, Garima Pandey, <b>K. Dilip Kumar</b> , T. Srinivasa Rao, B. Raghu Kumar, Jakeer Hussain Shaik, Malladi R. Ch Sastry	An Agricultural Smart Robot Device	IP Australia	28.04.2021	2021101399	Published
2.	Dr. Anurag Shrivastava, Dr. Ezhilarasi Nagarajan, Deepak Shripat Mane Dr.Tanneeru Srinivasa Rao <b>Dr. Konka Dilip Kumar, Sudheer Kumar Battula</b> , Mohammed Yaseen Ahmed, Dr. Shaik Jakeer Hussain, Mrs Fatima M Inamdar, Mohammad Shabaz, Tulala Rajasanthosh Kumar	A Sensor Fusion Precision Technology in Agricultural and its method and Controlling Parameters	Intellectual Property India	18.06.2021	202121021172	Published
3.	Dr. M. Nageswara Rao, <b>Dr. Murahari Kolli, K.V.Viswanadh, Sankararao Vinjavarapu</b> , B. Sreedhar	A Table with Adjustable Chairs	Intellectual Property India	23.06.2021	345219-001	Published

4.	Dr. K. Deepti, D Tulika Chakrabarti, Dr Ananda Shankar Hati, Mr. Shivakumar Kagi, Dr Sudharsan Jayabalan, Mr. Ragavanantham Shanmugam, <b>Mr. Siva Sankara Babu Chinka,</b> Dr. Chodavarapu Vijaya Kumar, Dr. Bazani Shaik, Dr. J Bhaskaran, Dr. Prasun Chakrabarti, Dr. Namrata Tripathi	Navigation technique for industrial cleaning robots with multi height and width adaptability	IP Australia	23.06.2021	2021102660	Published
5.	<b>V.Venkatrami Reddy,</b> <b>K.Lakshmi Prasad,</b> <b>S.Uma Maheswara Reddy,</b> <b>K.V.Viswanadh,</b> <b>A.Naresh Kumar</b>	Method of Synthesizing Hybrid Metal Wood Composite And 3D Printing Thereof	Intellectual Property India	07.05.2021	202141019607 A	Published
6.	Dr.Medikonda Nageswara Rao, <b>Dr.Murahari Kolli,</b> Dr.S.Sudhakar Babu, Dr.Atul Bhattad	Chassis Design	Intellectual Property India	07.04.2021	342011001	Published
7.	R. Bhaskaran, Hiren Dekate, <b>P.Ravindra Kumar,</b> M. Gurusamy, D. Krishna Kumar, P. Uma Swarupa, Mohan Dattu Sangale, Satyanarayana Katakam, Sandeep Rout, Ajay Kumar Prusty	Prevention of food harmfulness from production to customer for centralized kitchen facility using IoT	IP Australia	03-03-2021	2020103242	Published
8.	Dr.A.Kishore Kumar Mrs.M. Padmapriya Mr.A.Anbazhagan Dr.N.Satheesh Kumar Dr.Udaya Kumar Durairaj Dr.M.Ananad, Geeta.K,	Generation of E-Bill Transaction Number Using Blockchain Technology	Intellectual Property India	05-03-2021	202141007828 A	Published

	R.Lakshmi Dr.A.V.G.Marthanda <b>K Lakshmi Prasad</b> Mr.M.Sivaramsrishnan, Mr.V.Lokash					
9.	<b>V.Dhana Raju, K.Vinayak, K.Appa Rao, S.Pichi Reddy, J.Subba Reddy, P.Ravindra Kumar, N.Sunil Naik, S.Rami Reddy</b>	Localized intelligent vehicle-electric	Intellectual Property India	26.02.2021	202141007160 A	Published
10.	Muthuselvam M, Premkumar M. Kamalraj R, Santhanam Prasanna Bammaidi Pradeep, Mubeen Suraya, Rathe Naveen, Karunakaran S, Behura Aradhana, <b>V.Dhana Raju</b>	Aerial Manipulative Omni Directional Drones For Building Construction	IP Australia	11.11.2020	2020102606	Published
11.	U.Deenathayalan, T.V.Jemilakshmi, Dr.D.Leela Rani, Dr.Atul Krishnarao Wanjari, Dr.Bajarang Prasad, Dr.Bikram Jit Singh, Dr.Arun Kumar Gupta, Dr.Rahul Dev Gupta, Gourav Kalra, <b>Jonnala Subba Reddy</b>	Surface Engineered Corrosion Free and Antibacterial Bio-Implants	Intellectual Property India	25.09.2020	202041040589 A	Published
12.	Mamidala Jawahar, Cheruku Jeevan Reddy, Mohammed Shafath Ali Nawaz, Bolugoddu Sandeep, Sonaboyena Nagaraju, Gourav Kalra, Rajesh Boorla, Dr.J.Biswas, Dr. S. Venkata lakshmi, <b>Jonnala Subba Reddy</b>	Multi Stage Sheet Bulk Metal Deformation Process Using Digital Image System	Intellectual Property India	11.09.2020	202041038431	Published

13.	Garg Lalit, V.Ramakrishna, T. Anil Kumar, Gourav Kalra, Rahul Dev Gupta, Prashant kuna, Muzeeb Khan Patan, Mohammed Azarhar Suresh N, <b>Jonnala Subba Reddy</b>	Low Energy Communicator Between External Programmer and Implantable Medical Devices Using BLE Technology	IP Australia	26.08.2020	2020101619	Published
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