



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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

Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

Research & Development Cell

Patents Published during the AY 2019-20

S.No	Patent Title	Applicant / Inventor	Patent No.	Published Date (DD-MM-YYYY)
1.	Automatic Voltage level up/level down shifter for VLSI circuits	Dr. Srinivasulu Gunadala (ECE)	202041017082	05-06-2020
2.	Design Accepted and Published (CSE Department) Pet Cleanliness Detecting Smart Belt	Mr. Shaik Johny Basha (CSE) Dr. Mekala Srinivasa Rao	327364-001 (Cbr No:3476)	08-05-2020 (Cbr Date)
3.	Smart Wearable Reminder Device	Dr. Ede Venkata Krishna Rao (ECE)	201941054851	03-01-2020
4.	V-ATM: Intelligent Virtual Bank with Automated Teller Machine	Divvela Srinivasa Rao (CSE)	202041003687	07-02-2020
5.	Automatic Fire Ball Ejecting Device	Dr.P.Ashok Reddy (CSE) M.Hema Latha	202041002780	31-01-2020
6.	Computer Implemented Method for Enhanced Security of Color Image using Asymmetric RSA Algorithm	Dr. Chaduvula Rathna Jyothi (CSE)	202041002481	31-01-2020
7.	Method of Machine Learning based Cluster Analysis for Large Categorical Data	Dr. Duggineni Veeraiah (CSE) Vekkuluri Siva Krishna	201941042954	25-10-2019
8.	IHY-Prediction: Intelligent System and Method for Advanced Harvest Yield Prediction Using IoT based Technology	Dr. Srinivasa Rao Mekala (CSE)	201941054460	03-01-2020
9.	Smart Eyewear with Reading Assistive System	Dr.O.Rama Devi (CSE) Dr.Rama Devi Burri	201941049771	13-12-2019
10.	A Seamlessly Integrated Super Network of Blood Banks for Easy and Transparent Transactions	Dr. B. Srinivasa Rao (IT) Dr. S. Naganjaneyulu Dr.O.Rama Devi Dr.Rama Devi Burri Ch. Sambasiva Rao	201841021654	13-12-2019
11.	ATM Card and Fingerprint based Authentication System for Online Banking using Smartphone	Chandra Sekhar Kolli V.V. Krishna Reddy (IT)	202041015194	13-12-2019
12.	Smoothing filters based jpeg compression for noisy images	Dr. Busi Rambabu (EIE)	201941044505	29-11-2019
13.	An Alternative Indexing Device for Milling Machines	Dr. L. Prabhu (ASE) P. Gangadhar Venkata Ramana	201941052488	27-12-2019