



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NBA Accreditation for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech. Programmes
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Recognized as "College with Potential for Excellence" by UGC

Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.

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Department of Computer Science and Engineering

PATENT DETAILS

S.No	Patent Number/Copy Right (Application Number)	Date of Filing	Publication Date	Applicant Name	Inventors (Name of Faculty/ Students) In College	Patent Title	Status
1	201741045066	14-12-2017	22-12-2017	Salicit technologies Private Limited	Narayana Rao Venkata Naga Sripada, Vodnala Naveen Kumar, Padma Shayi Kumar, Baswaraj Mamidgi , Bhaskar Kakarla..	A Method and System For Analyzing Risk Associated With Respiratory	Granted
2	201821015644	25/04/2018	25-05-2018	Dr.Ravi Kumar, Dr.Kamakshiah , Dr. Chalumuru Suresh , Kranthi Kumar , Dr. Usha Bhatra, Mr. Gaikwad Shubham Navnath,	Dr.Ravi Kumar, Dr.Kamakshiah , Dr. Chalumuru Suresh , Kranthi Kumar , Dr. Usha Bhatra, Mr. Gaikwad Shubham Navnath,	FIGFPD-SYSTEM- Fuel indicator and global fuel pump detection system	Published

				Dr. Yashpal Singh, Mr. Path Rishabh Dilip, Dr. Shailendra Mishra, Dr. Sharada Neeraj Vashisht, Niraj S.Patil, Smita Arjunrao Wangikar, Mrs. Alaknanda S. Patil, Dr. Biplab Kumar Sarkar, Dr. Kardekar Nitin.	Dr. Yashpal Singh, Mr. Path Rishabh Dilip, Dr. Shailendra Mishra, Dr. Sharada Neeraj Vashisht, Niraj S.Patil, Smita Arjunrao Wangikar, Mrs. Alaknanda S. Patil, Dr. Biplab Kumar Sarkar, Dr. Kardekar Nitin.		
3	201821015630	25-04-2018	1-11-2019	Dr. Dugyala Raman, Nagireddy Hanuman Reddy, Aparna V. Patil, A Saxena, P Kharat, D. Bhaturkar, Ruchika Rai, shailendra Khojare, Jitendra Sharad Narkhade, Dr. Rasineni Madan Mohana, Natukula Sainath, Mr Kranthi Kumar, Dr. Biplab Kumar sarakar, Dr. Reena Singh.	Dr. Dugyala Raman, Nagireddy Hanuman Reddy, Aparna V. Patil, A Saxena, P Kharat, D. Bhaturkar, Ruchika Rai, shailendra Khojare, Jitendra Sharad Narkhade, Dr. Rasineni Madan Mohana, Natukula Sainath, Mr Kranthi Kumar, Dr. Biplab Kumar sarakar, Dr. Reena Singh.	ISPSD-SYSTEM: INTERNAL SMART POLLUTION CONTROL DISLAY SYSTEM.	Published

4	201821042817	14-11-2018	30-11-2018	S.Kranthi Kumar, Mr. Madamala Revanth, M.Nagabhuna Rao, B.Madhura Vani, Mrs. Sarika Atul Patil, Dr. Ghumbre shashikanth Uttareshwar, Dr. Nitin Balakrishna Chaphalkar, Mr. Rabi Kumar, Dr. Sandeep Kumar Gupta, Dr. Biplab Kumar Sarkar, Dr. Anith Patil.	S.Kranthi Kumar, Mr. Madamala Revanth, M.Nagabhuna Rao, B.Madhura Vani, Mrs. Sarika Atul Patil, Dr. Ghumbre shashikanth Uttareshwar, Dr. Nitin Balakrishna Chaphalkar, Mr. Rabi Kumar, Dr. Sandeep Kumar Gupta, Dr. Biplab Kumar Sarkar, Dr. Anith Patil.	P-BUTTON : Panic Button Provides Information Through Light Radio Signal and Other Required Signal	Published
5	201941033006	15-08-2019	13-09-2019	S.Kranthi Kumar, Dr. Thulasi Bikku, Dr.S.B.Chordiya, Natukula Sainath, Dr. Manju Khari, Dr.S.Nagaprasad, AmitBhati.	S.Kranthi Kumar, Dr. Thulasi Bikku, Dr.S.B.Chordiya, Natukula Sainath, Dr. Manju Khari, Dr.S.Nagaprasad, AmitBhati.	Vigya: A Novel Integral System For Precision Agriculture	Published
6	202041001461	13-01-2020	17-01-2020	Dr.P Lalitha Surya Kumari, Ms. Purude Vaishali Narayanrao, Channabasamma, Dr. Puja S Prasad, V Shiva Narayana Reddy, Pari Nidhi Singh.	Dr.P Lalitha Surya Kumari, Ms. Purude Vaishali Narayanrao, Channabasamma, Dr. Puja S Prasad, V Shiva Narayana Reddy, Pari Nidhi Singh.	Dart(Depression and Related Tracker) : Identification System to Find And Prevent Depression Tendencies of Women	Published
7	202041001789	15-01-2020	17/01/2020	Dr.N.Sandhya,	Dr.N.Sandhya,	Computer Cache	Published

				Dr. M. Raja Sekar, Dr.Ashish Kumar Chakraverti, Vivek Kumar, P.ILA Chandana Kumari, Dr.Yashal Singh.	Dr. M. Raja Sekar, Dr.Ashish Kumar Chakraverti, Vivek Kumar, P.ILA Chandana Kumari, Dr.Yashal Singh.	Memory Performance Enhance Using	
8	202041023578	05-06-2020	12-06-2020	S.Kranthi Kumar, Dr. B.V. Kiranmayee, Dr.S.Nagini, Dr. Chalumuru Suresh, V.Baby, K.Jhansi Lakshmi Bai, Sravani Nalluri, Dr.A.Kouser Nikhath, P.Radhika, Motupalli Ravikanth, Venkata Naga Raju Thatha	S.Kranthi Kumar, Dr. B.V. Kiranmayee, Dr.S.Nagini, Dr. Chalumuru Suresh, V.Baby , K.Jhansi Lakshmi Bai, Sravani Nalluri, Dr.A.Kouser Nikhath, P.Radhika, Motupalli Ravikanth, Venkata Naga Raju Thatha	Critical Patients Monitoring Device: Critical Patients Monitoring using Machine Learning Feature Selection Technique.	Published
9	202021027657	29-06-2020	16-10-2020	Dr kavita r singh, Dr. rakesh kumar , Mr. N sandeep chaitanya, Prasanthi gottumukkala, Mr chekuri sri sumanth, Dr. amit kumar tyagi,	Dr Kavita r singh, Dr. Rakesh kumar , Mr. N sandeep chaitanya, Prasanthi gottumukkala,, Mr chekuri sri sumanth, Dr. amit kumar tyagi,	ABIE-Voting system: aadhaar and blockchain intelligent electronic voting system	Published
10	202041030793	20/07/2020	21/08/2020	Mr. N Sadeep chaitanya Dr. MD Tabrez Nafis	Mr. N Sadeep chaitanya Dr. MD Tabrez Nafis	Cloud Sharing System: Cloud Computing Information Sharing	Published

				Dr.Manju Khari Dr.Kalpana Kamalakar Deshmukh, Dr.Vrushsen Purushottam Pawar, Dr.Beg Raj Singh	Dr.Manju Khari Dr.Kalpana Kamalakar Deshmukh, Dr.Vrushsen Purushottam Pawar, Dr.Beg Raj Singh	System in Real Time	
11	202041031965	27-07-2020	19-2-2021	Peddakasula Kiranmai, D.L.N. Prasunna, Sarabu Joshna, J Naresh Kumar, Pathi Radhika, Channabasamma, A. Sai Santhosh, A Aruna Kumari	Peddakasula Kiranmai, D.L.N. Prasunna, Sarabu Joshna, J Naresh Kumar, Pathi Radhika, Channabasamma, A. Sai Santhosh, A Aruna Kumari	Fake News Analysis Using Machine Learning and Updateable Neural Analysis	Published
12	2020101738	10-08-2020	02/09/2020	Purna Chand Kollapudi, Brahmananda Reddy Annapu Reddy, Chiranjeevi Manike, Subhash P, Narayana M V, Durga Prasad Kavadi,	Purna Chand Kollapudi, Brahmananda Reddy Annapu Reddy, Chiranjeevi Manike, Subhash P, Narayana M V, Durga Prasad Kavadi,	Automated Real – Time Driving Behavioral Modeling Analysis And Reporting in Denser Traffic Using Data Mining	Granted
13	2020102026	28 -08- 2020	16-09-2020	N Sandeep Chaitanya, Ramesh Vatambeti, Ravikanth Motupalli, Chekuri Sri Sumanth, A Aruna Kumari, Somavarapu	N Sandeep Chaitanya, Ramesh Vatambeti, Ravikanth Motupalli, Chekuri Sri Sumanth, A Aruna Kumari, Somavarapu	ELSM- Quantum Computing: extremely large databases store into a small memory using quantum computing	Granted

				Jahnvi, Tejaswi Potluri, Pinamala Sruthi, Kandula Neha, Shaik Mahammad Jameeruddin	Jahnvi, Tejaswi Potluri, Pinamala Sruthi, Kandula Neha, Shaik Mahammad Jameeruddin		
14	202041044040	09-10-2020	16-10-2020	Ramesh Vatambeti, N. Sandeep Chaitanya, Gowtham Mamidiseti, Rajakumar B. R, Binu Dennis,	Ramesh Vatambeti, N. Sandeep Chaitanya, Gowtham Mamidiseti, Rajakumar B. R, Binu Dennis,	hotspot prediction system for covid-19 pandemic	Published
15	202041045360	19-10-2020	13-11-2020	VNRVJIET	Dr. Deepak Sukheja Dr. G.Ramesh Chandra Dr. N. Sandhya Dr. B.V. Kiranmayee Mr. D. Ramesh Reddy	Sheltered Driving System for Automotive vehicles for streamlined operation on roads with adherence to extant rules and regulations	Published
16	202041047669	02-11-2020	13-11-2020	Dr.G.Venkata Rami Reddy(Prof.) Dr.G.Karuna-Prof., Mr.A.Nianjan. Dr.A.V,Krishna Prasad-Associate Prof. Mr.K.Venkata Ramana -Assistant Prof_CSE_vnrvjiet	Dr.G.Venkata Rami Reddy(Prof.) Dr.G.Karuna-Prof., Mr.A.Nianjan. Dr.A.V,Krishna Prasad-Associate Prof. Mr.K.Venkata Ramana -Assistant Prof_CSE_vnrvjiet	isdn-object detection system: intelligent object detection system with image classification and deep neural networks	Published
17	202041051970	29-11-2020	11-12-2020	Dr.C.Kiran Mai Dr.S.Nagini Dr.P.Neelakantan	Dr.C.Kiran Mai Dr.S.Nagini Dr.P.Neelakantan	asp:crime site analysis: automatic method and process of performing	Published

						crime site analysis and management system	
18	202141006923	19-02-2021	26-02-2021	VNRVJIET	1. Mr N Sandeep Chaitanya, Dr.P V Siva Kumar Mr M Ravi Kanth.. Mr.Ch. Sri Sumanth Dr P Subhash Dr Srinivas Kanakala Mr Gnana Prakash Thuraka Ms. A Aruna Kumari Ms. Pabba Prasanna	AWS-Cloud Data Performance Increased using Machine Programming.	Published
19	202141006551	17-02-2021	26-02-2021	VNRVJIET	Dr.Deepak sukheja, Dr.S. nagini, Dr.G.Ramesh Chandra, SomavarapuJahnvi, TejaswiPotluri	User friendly billing system for smart governance	Published
20	202141017531	15/04/2021	23/04/2021	VNRVJIET	Dr. Sagar Yeruva Dr. Krishna Prasad PESN Dr. T. Sunil Kumar Dr. Deepak Sukheja P. Venkateswara Rao Dr. Brahmananda Reddy A Dr. Kousar Nikhath. A Dr. D. N. Vasundhara G. S. Ramesh V. Baby Ankit Raj Gaddam	design & development of an intelligent system to analyze the impact of covid-19 on respiratory system using machine learning	Published
21	202141011496	18/03/2021	30/04/2021	Dr. h. shaheen,	Dr. h. shaheen,	intelligent agent for	Published

				Dr. simi margarat Dr. m. dhanalakshmi Dr. s. jayanthi Ms. k Nartkannai Ms. a. geetha	Dr. simi margarat Dr. m. dhanalakshmi Dr. s. jayanthi Ms. k Nartkannai Ms. a. geetha	sewage cleaning and monitoring using deep convolutional network	
22	202141020965	09/05/2021	11/06/2021	VNR vignana jyothi institute of engineering and technology	1)v. baby 2)dr. s. nagini 3)k. jhansi laksmi bai 4)dr. sagar yeruva 5)g. yashwanth 6)b. janaki ram 7)a. rikhila 8)dr. d. n. vasundhara 9)n. v. sailaja 10)a. madhavi	virtual mom responsive baby monitoring toy	Published
23	202141025545	08/06/2021	25/6/2021	1.mekala kamala 2.dr.mangipudi sharada varalakshmi 3.sadula sudeshna-vnrvjiet 4.anuradha boya 5.pasupulati sandhya	1.mekala kamala 2.dr.mangipudi sharada varalakshmi 3.sadula sudeshna-vnrvjiet 4.anuradha boya 5.pasupulati sandhya	AI based framework for realizing a human emotion recognition system	Published
24	202111024369	1/6/2021	11/06/2021	1.Mr.Binu Kuriakose Vargis 2. Dr.Kamal Upreti 3.Mr.Philson Manarcad 4.Mr,Vivek Garg 5.Dr.A.Harshavardhan 6.Mr.Basil Paul 7.Dr.Chaitanya Agarwal	1.Mr.Binu Kuriakose Vargis 2. Dr.Kamal Upreti 3.Mr.Philson Manarcad 4.Mr,Vivek Garg 5.Dr.A.Harshavardhan 6.Mr.Basil Paul 7.Dr.Chaitanya Agarwal	A Honeypot Based Network Secured System	Published

				Dr.Sangeeta Arora	Dr.Sangeeta Arora		
25	202141044509	1/10/2021	08/10/2021	1. Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology 2. Vikram University, Ujjain	1. Dr. Deepak Sukheja-VNRVJIET 2. Dr. Umesh Kumar Singh 3. Dr. T. Sunil Kumar-VNRVJIET 4. Dr. P V Siva Kumar-VNRVJIET 5. Dr. Sagar Yeruva-VNRVJIET 6. Mrs. Priya Bhatnagar-VNRVJIET 7. Mr. N Sandeep Chaitanya-VNRVJIET 8. Dr. Santosh Kumar Choudhary-VNRVJIET 9. Dr. Prateek Sharma-PIMR, Indore 10. Dr. Lokesh Kumar Laddhani-Vikram University, Ujjain 11. Dr. Bhupendra Kumar Pandya-Vikram University, Ujjain	GPS and Encryption based multi-check authentication process for preventing fraud Transaction	Published
26	202141054101	24/11/2021	24/12/2021	Vallurupalli Nageswara Rao Vignana Jyothi Institute of	1. Shiva Madhav 2. P Jyothi 3. K Lakshmi Samhita 4. B. Rohit	An Artificial Intelligence (AI) and internet of things (IOT) based integrated	Published

				Engineering & Technology	5. A Priya Valentina	approach for covid-19 prevention	
27	202241003697	22/01/2022	04/02/2022	Dr Lingareddy Nagulapalli - Assistant Professor, DTDP, SPA, Dr. YSRAF University, Kadapa, Andhra Pradesh	1 . Dr Lingareddy Nagulapalli 2 . Dr. Navneet Kumar Agrawal 3 . Mr. Abhijit Maidamwar 4 . Dr. Archana Vyas 5 . Mr. Javangula Vamsinath 6 . Ms. Mahima Yadav 7 . Mr. Mahendra Kumar B	The Block chain technology to protect data access using a smart contract mechanism	Published
28	202241052308	13/09/2022	23/09/2022	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology	Mr. N Sandeep Chaitany Mr. Chekuri. Sri Sumanth Mr. Yahwanth Sabbithi Mr. Yakkanti Avinash Reddy Mr. Bondala Roshan Kumar Mr. Kesari Hruday Vikas Reddy Ms. Kalledi Shree Shrutha	Intrusion detection and analysis system in local networks using machine learning.	Published
29	376694-001	04-01-2023	04-1-2023	1.Dr. Umesh Kumar Singh 2. Dr. Meena Agrawal 3.Prof. Manish Maheshwari 4.Prof. V.K. Saraswat	1.Dr. Umesh Kumar Singh 2. Dr. Meena Agrawal 3.Prof. Manish Maheshwari 4.Prof. V.K. Saraswat	Mail Authentication Device using Biometrics	Granted

				5.Ms. Nutan Mangwani 6.Prof. Chaitanya.P. Agrawal 7.Dr. Deepak Sukheja 8.Mrs. Shabana Sheikh 9.Mr. Tanmay Agrawal 10.Mr. Shekhar Disawal	5.Ms. Nutan Mangwani 6.Prof. Chaitanya.P. Agrawal 7.Dr. Deepak Sukheja 8.Mrs. Shabana Sheikh 9.Mr. Tanmay Agrawal 10.Mr. Shekhar Disawal		
30	202341028135	18/04/2023	05/05/2023	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology	Dr. Devulapalli Sudheer Dr. Nagini S Mr. Anudeep Eloori Mr. Ch. Nithish Kumar Mr. D. Rushikesh Mr. Ch. Nithish Kumar	Crop Recommendation And Disease Prediction System	Published
31	202341031696	04/05/2023		Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology	Dr. Vijaya Saraswathi	A Restorative Remedial Solution for Leaf Disease Detection using convolution Neural Networks	Filed
32	202341037694	2023/05/31		Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology	Dr.A Brahmananda Reddy Ms. Sampath Alankritha Dr.S.Nagini Dr.B. V.Kiranmayee Mr. K Akhil Dr.G.S.Ramesh Dr.K.srinivas Dr.Srinivas Kadali	KNOWLEDGE-BASED METHOD TO RECOMMEND SUITABLE CROPS FOR SOILS WITH IDENTIFIED NUTRIENT DEFICIENCIES	Filed

