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## 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  
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 109 Rank in engineering Category  
Recognized as "College with Potential for Excellence" by UGC  
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## Department of Computer Science & Engineering

# Faculty IPR

**Prepared By:**

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**Verified By:**

Dr.Deepak Sukheja

**Approved By:**

Dr.B.V.Kiranmayee



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

### 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	NarayanaRaoVenkata Naga Sripada, Vodnala Naveen Kumar, Padma Shayi Kumar, <b>BaswarajMamidgi</b> , BhaskarKakarla..	A Method and System For Analyzing Risk Associated With Respiratory	Granted
2	201821015644	25/04/2018	25-05-2018	Dr.Ravi Kumar, <b>Dr.Kamakshiah</b> , <b>Dr. Chalumuru Suresh</b> , <b>Kranthi Kumar</b> , Dr. UshaBhatra, Mr. GaikwadShubhamNavna th, Dr. Yashpal Singh,	Dr.Ravi Kumar, <b>Dr.Kamakshiah</b> , <b>Dr. Chalumuru Suresh</b> , <b>Kranthi Kumar</b> , Dr. UshaBhatra, Mr. GaikwadShubhamNavnath , Dr. Yashpal Singh, Mr. Path RishabhDilip,	FIGFPD- SYSTEM-Fuel indicator and global fuel pump detection system	Published

				Mr. Path RishabhDilip, Dr. Shailendra Mishra, Dr. SharadaNeerajVashisht, NirajS.Patil, SmitaArjunraoWangikar , Mrs. Alaknanda S. Patil, Dr. Biplab Kumar Sarkar, Dr. KardekarNitin.	Dr. Shailendra Mishra, Dr. SharadaNeerajVashisht, NirajS.Patil, SmitaArjunraoWangikar, Mrs. Alaknanda S. Patil, Dr. Biplab Kumar Sarkar, Dr. KardekarNitin.		
3	201821015630	25-04-2018	1-11-2019	Dr. Dugyala Raman, Nagireddy Hanuman Reddy, Aparna V. Patil, A Saxena, P Kharat, D. Bhatarkar, RuchikaRai, shailendraKhojare, JitendraSharadNarkhade, Dr. RasineniMadanMohana, NatukulaSainath, <b>MrKranthi Kumar</b> , Dr. Biplab Kumar sarakar, Dr. Reena Singh.	Dr. Dugyala Raman, Nagireddy Hanuman Reddy, Aparna V. Patil, A Saxena, P Kharat, D. Bhatarkar, RuchikaRai, shailendraKhojare, JitendraSharadNarkhade, Dr. RasineniMadanMohana, NatukulaSainath, <b>MrKranthi Kumar</b> , Dr. Biplab Kumar sarakar, Dr. Reena Singh.	ISPSD-SYSTEM: INTERNAL SMART POLLUTION CONTROL DISLAY SYSTEM.	Published
4	201821042817	14-11-2018	30-11-2018	<b>S.Kranthi Kumar</b> , Mr. MadamalaRevanth, M.NagabhunaRao, B.MadhuraVani, Mrs. SarikaAtulPatil, Dr.	<b>S.Kranthi Kumar</b> , Mr. MadamalaRevanth, M.NagabhunaRao, B.MadhuraVani, Mrs. SarikaAtulPatil, Dr.	P-BUTTON : Panic Button Provides Information Through Light	Published

				GhumbreshashikanthUtt reshwar, Dr. NitinBalakrishnaChapha lkar, Mr. Rabi Kumar, Dr. Sandeep Kumar Gupta, Dr. Biplab Kumar Sarkar, Dr. AnithPatil.	GhumbreshashikanthUttar eshwar, Dr. NitinBalakrishnaChaphalk ar, Mr. Rabi Kumar, Dr. Sandeep Kumar Gupta, Dr. Biplab Kumar Sarkar, Dr. AnithPatil.	Radio Signal and Other Required Signal	
5	201941033006	15-08-2019	13-09-2019	<b>S.Kranthi Kumar,</b> Dr. ThulasiBikku, Dr.S.B.Chordiya, NatukulaSainath, Dr. ManjuKhari, Dr.S.Nagaprasad, AmitBhati.	<b>S.Kranthi Kumar,</b> Dr. ThulasiBikku, Dr.S.B.Chordiya, NatukulaSainath, Dr. ManjuKhari, Dr.S.Nagaprasad, AmitBhati.	Vigya: A Novel Integral System For Precision Agriculture	Published
6	202041001461	13-01-2020	17-01-2020	Dr.PLalitha Surya Kumari, Ms. PurudeVaishaliNarayanr ao, <b>Channabasamma,</b> Dr. Puja S Prasad, V Shiva Narayana Reddy, PariNidhi Singh.	Dr.PLalitha Surya Kumari, Ms. PurudeVaishaliNarayanrao , <b>Channabasamma,</b> Dr. Puja S Prasad, V Shiva Narayana Reddy, PariNidhi 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	<b>Dr.N.Sandhya,</b> <b>Dr. M. Raja Sekar,</b> Dr.Ashish Kumar Chakraverti, Vivek Kumar, P.ILA	<b>Dr.N.Sandhya,</b> <b>Dr. M. Raja Sekar,</b> Dr.Ashish Kumar Chakraverti, Vivek Kumar, P.ILA ChandanaKumari,	Computer Cache Memory Performance Enhance Using	Published

				ChandanaKumari, Dr.Yashal Singh.	Dr.Yashal Singh.		
8	202041023578	05-06-2020	12-06-2020	<b>S.Kranthi Kumar, Dr. B.V. Kiranmayee, Dr.S.Nagini, Dr. Chalumuru Suresh, V.Baby, K.Jhansi Lakshmi Bai, SravaniNalluri, Dr.A.KouserNikhath, P.Radhika, MotupalliRavikanth, Venkata Naga RajuThatha</b>	<b>S.Kranthi Kumar, Dr. B.V. Kiranmayee, Dr.S.Nagini, Dr. Chalumuru Suresh, V.Baby , K.Jhansi Lakshmi Bai, SravaniNalluri, Dr.A.KouserNikhath, P.Radhika, MotupalliRavikanth, Venkata Naga RajuThatha</b>	Critical Patients Monitoring Device: Critical Patients Monitoring using Machine Learning Feature Selection Technique.	Published
9	202021027657	29-06-2020	16-10-2020	Drkavita r singh, Dr. rakeshkumar , <b>Mr. N sandeepchaitanya</b> , Prasanthi gottumukkala, Mrchekurisrisumanth, Dr. amitkumartyagi,	DrKavita r singh, Dr. Rakeshkumar , <b>Mr. N sandeepchaitanya</b> , Prasanthi gottumukkala,, Mrchekurisrisumanth, Dr. amitkumartyagi,	ABIE-Voting system: aadhaar and blockchain intelligent electronic voting system	Published
10	202041030793	20/07/2020	21/08/2020	<b>Mr. N Sadeepchaitanya</b> Dr. MD TabrezNafis Dr.ManjuKhari Dr.KalpanaKamalakarD eshmukh, Dr.VrushsenPurushotta mPawar, Dr.Beg Raj Singh	<b>Mr. N Sadeepchaitanya</b> Dr. MD TabrezNafis Dr.ManjuKhari Dr.KalpanaKamalakarDes hmukh, Dr.VrushsenPurushottamP awar, Dr.Beg Raj Singh	Cloud Sharing System: Cloud Computing Information Sharing System in Real Time	Published
11	202041031965	27-07-2020	19-2-2021	PeddakasulaKiranmai,	PeddakasulaKiranmai,	Fake News	Published

				D.L.N. Prasunna, SarabuJoshna, J Naresh Kumar, <b>PathiRadhika,</b> <b>Channabasamma,</b> A. SaiSanthosh, <b>A ArunaKumari</b>	D.L.N. Prasunna, SarabuJoshna, J Naresh Kumar, <b>PathiRadhika,</b> <b>Channabasamma,</b> A. SaiSanthosh, <b>A ArunaKumari</b>	Analysis Using Machine Learning and Updateable Neural Analysis	
12	2020101738	10-08-2020	02/09/2020	Purna Chand Kollapudi, <b>Brahmananda Reddy</b> <b>Annapu</b> <b>Reddy,</b> ChiranjeeviMani ke, <b>Subhash P,</b> Narayana M V, Durga Prasad Kavadi,	Purna Chand Kollapudi, <b>Brahmananda Reddy</b> <b>Annapu Reddy,</b> ChiranjeeviManike, <b>Subhash P,</b> 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	<b>N SandeepChaitanya,</b> Ramesh Vatambeti, RavikanthMotupalli, Chekuri Sri Sumanth, <b>A ArunaKumari,</b> <b>SomavarapuJahnavi,</b> <b>TejaswiPotluri,</b> PinamalaSruthi, KandulaNeha, ShaikMahammadJameer uddin	<b>N SandeepChaitanya,</b> Ramesh Vatambeti, RavikanthMotupalli, Chekuri Sri Sumanth, <b>A ArunaKumari,</b> <b>SomavarapuJahnavi,</b> <b>TejaswiPotluri,</b> PinamalaSruthi, KandulaNeha, ShaikMahammadJameerud din	ELSM- Quantum Computing: extremely large databases store into a small memory using quantum computing	Granted
14	202041044040	09-10-2020	16-10-2020	Ramesh Vatambeti, <b>N. SandeepChaitanya,</b> GowthamMamidiseti, Rajakumar B. R, Binu Dennis,	Ramesh Vatambeti, <b>N. SandeepChaitanya,</b> GowthamMamidiseti, Rajakumar B. R, Binu Dennis,	hotspot prediction system for covid- 19 pandemic	Published
15	202041045360	19-10-2020	13-11-2020	<b>VNRVJIET</b>	Dr. Deepak Sukheja	Sheltered Driving	Published

					Dr.G.Ramesh Chandra Dr. N. Sandhya Dr. B.V. Kiranmayee Mr. D. Ramesh Reddy	System for Automotive vehicles for streamlined operation on roads with adherence to extant rules and regulations	
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. <b>Mr.K.VenkataRamana</b> -Assistant Prof_CSE_vnrvjiet	Dr.G.Venkata Rami Reddy(Prof.) Dr.G.Karuna-Prof., Mr.A.Nianjan. Dr.A.V,Krishna Prasad-Associate Prof. <b>Mr.K.VenkataRamana</b> -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	<b>Dr.C.Kiran Mai</b> <b>Dr.S.Nagini</b> <b>Dr.P.Neelakantan</b>	<b>Dr.C.Kiran Mai</b> <b>Dr.S.Nagini</b> <b>Dr.P.Neelakantan</b>	asp:crime site analysis: automatic method and process of performing crime site analysis and management system	Published
18	202141006923	19-02-2021	26-02-2021	<b>VNRVJIET</b>	1. Mr N SandeepChaitanya, Dr.P V Siva Kumar Mr M Ravi Kanth.. Mr.Ch. Sri Sumanth Dr P Subhash SrinivasKanakala	AWS-Cloud Data Performance Increased using Machine Programming.	Published

					Mr GnanaPrakashThuraka Ms. A ArunaKumari Ms.PabbaPrasanna		
19	202141006551	17-02-2021	26-02-2021	<b>VNRVJIET</b>	Dr.Deepaksukheja, Dr.S. nagini, Dr.G.Ramesh Chandra, SomavarapuJahnavi, TejaswiPotluri	User friendly billing system for smart governance	Published
20	202141017531	15/04/2021	23/04/2021	<b>VNRVJIET</b>	Dr.SagarYeruva Dr. Krishna Prasad PESN Dr. T. Sunil Kumar Dr. Deepak Sukheja P. VenkateswaraRao Dr.Brahmananda Reddy A Dr.KousarNikhath. 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.simimargarat Dr. m. dhanalakshmi Dr. s. jayanthi <b>Ms. k Nartkannai</b> Ms. a. geetha	Dr. h. shaheen, Dr.simimargarat Dr. m. dhanalakshmi Dr. s. jayanthi <b>Ms. k Nartkannai</b> Ms. a. geetha	intelligent agent for sewage cleaning and monitoring using deep convolutional network	Published
22	202141020965	09/05/2021	11/06/2021	<b>VNR vignanajyothi institute of engineering and technology</b>	1)v. baby 2)dr. s. nagini 3)k. jhansilaksmibai 4)dr. sagaryeruva 5)g. yashwanth	virtual mom responsive baby monitoring toy	Published



					6)b. janaki ram 7)a. rikhila 8)dr. d. n. vasundhara 9)n. v. sailaja 10)a. madhavi		
23	202141025545	08/06/2021	25/6/2021	1.mekala kamala 2.dr.mangipudi sharadavaralakshmi <b>3.sadula sudeshna- vnrvjiet</b> 4.anuradha boya 5.pasupulati sandhya	1.mekala kamala 2.dr.mangipudi sharadavaralakshmi <b>3.sadula sudeshna- vnrvjiet</b> 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 KuriakoseVargis 2. Dr.KamalUpreti 3.Mr.Philson Manarcad 4.Mr,Vivek Garg 5.Dr.A.Harshavardhan 6.Mr.Basil Paul 7.Dr.Chaitanya Agarwal Dr.SangeetaArora	1.Mr.Binu KuriakoseVargis 2. Dr.KamalUpreti 3.Mr.Philson Manarcad 4.Mr,Vivek Garg 5.Dr.A.Harshavardhan 6.Mr.Basil Paul 7.Dr.Chaitanya Agarwal Dr.SangeetaArora	A Honeypot Based Network Secured System	Published
25	202141044509	1/10/2021	08/10/2021	<b>1.</b> <b>VallurupalliNageswara</b> <b>RaoVignanaJyothi</b> <b>Institute of</b> <b>Engineering</b> <b>&amp;Technology</b> 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.SagarYeruva- VNRVJIET 6. Mrs.PriyaBhatnagar- VNRVJIET	GPS and Encryption based multi-check authentication process for preventing fraud Transaction	Published

					<p>7. Mr. N SandeepChaitanya-VNRVJIET</p> <p>8. Dr.Santosh Kumar Choudhary-VNRVJIET</p> <p>9.Dr. Prateek Sharma-PIMR, Indore</p> <p>10.Dr. Lokesh Kumar Laddhani-Vikram University, Ujjain</p> <p>11.Dr. BhupendraKumar Pandya-Vikram University, Ujjain</p>		
26	202141054101	24/11/2021	24/12/2021	VallurupalliNageswara RaoVignanaJyothi Institute of Engineering &Technology	<p>1. Shiva Madhav</p> <p>2. P Jyothi</p> <p>3. K Lakshmi Samhita</p> <p>4. B. Rohit</p> <p>5. A PriyaValentina</p>	An Artificial Intelligence (AI) and internet of things (IOT) based integrated approach for covid-19 prevention	Published
27	202241003697	22/01/2022	04/02/2022	Dr LingareddyNagulapalli - Assistant Professor, DTDP, SPA, Dr. YSRAF University, Kadapa, Andhra Pradesh	<p>1 . Dr LingareddyNagulapalli</p> <p>2 .Dr.Navneet Kumar Agrawal</p> <p>3 .Mr.AbhijitMaidamwar</p> <p>4 .Dr.ArchanaVyas</p> <p>5 .Mr.JavangulaVamsinath</p> <p>6 .Ms.MahimaYadav</p> <p>7 .Mr.Mahendra Kumar B</p>	The Block chain technology to protect data access using a smart contract mechanism	Published
28	202241052308	13/09/2022	23/09/2022	VallurupalliNageswara RaoVignanaJyothi	Mr. N SandeepChaitanyMr.Chek	Intrusion detection and analysis	Published

				Institute of Engineering Technology	uri. Sri Sumanth Mr.YahwanthSabbithi Mr.YakkantiAvinash Reddy Mr.BondalaRoshan Kumar Mr.KesariHrudayVikas Reddy Ms.Kalledi Shree Shrutha	system in local networks using machine learning.	
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 5.Ms. NutanMangwani 6.Prof. Chaitanya.P. Agrawal 7.Dr. Deepak Sukheja 8.Mrs. Shabana Sheikh 9.Mr. TanmayAgrawal 10.Mr. ShekharDisawal	1.Dr. Umesh Kumar Singh 2. Dr.Meena Agrawal 3.Prof. Manish Maheshwari 4.Prof. V.K. Saraswat 5.Ms. NutanMangwani 6.Prof. Chaitanya.P. Agrawal 7.Dr. Deepak Sukheja 8.Mrs. Shabana Sheikh 9.Mr. TanmayAgrawal 10.Mr. ShekharDisawal	Mail Authentication Device using Biometrics	Granted
30	202341028135	18/04/2023	05/05/2023	VallurupalliNageswaraRaoVignanaJyothi Institute of Engineering Technology	Dr.DevulapalliSudheer Dr.Nagini S Mr.AnudeepEloori Mr. Ch. Nithish Kumar Mr. D. Rushikesh Mr. Ch. Nithish Kumar	Crop Recommendation And Disease Prediction System	Published
31	202341031696	04/05/2023	31/5/2023	VallurupalliNageswaraRaoVignanaJyothi Institute of Engineering Technology	Dr.VijayaSaraswathi R Dr. R Vasavi Dr. M. Gangappa G LaxmiDeepthi Dr. B V SeshuKumari B Ganesh Babu Dr. A Giri Prasad K ArunaKumari	A Restorative Remedial Solution for Leaf Disease Detection using convolution Neural Networks	Published

					N Sravani K Jaya Jones		
32	20234103769 4	31/05/2023	18/8/2023	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	Dr A Brahmananda Reddy 2)Mrs. SampathAlankritha 3)Dr. NaginiSabbineni 4)Dr. B. V. Kiranmayee 5)Dr. GS Ramesh 6)Mr. KarnamAkhil 7)DrKanakalaSrinivas 8)Dr.SrinivasKadali	Knowledge-based method to recommend suitable crops for soils with identified nutrient deficiencies	Published
33	202341033183	11/05/2023	23/5/2023	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	Mr. N.SandeepChaitanya Mr. Ch. Sai Sri Harsha Mr.PanditSrikanth Mr.T.Prashanth Ms.Likhitha	Detecting Schizophrenia using Deep Learning Techniques	Published
34	202331025373	03/04/2023	14/04/2023	1 .. Dr..Veelluumani P.S 2 .Dr.H.Prabavathi 3. Mr.AnuragTiari	1 .. Dr..Veelluumani P.S 2 .Dr.H.Prabavathi 3. Mr.AnuragTiari	Cloud Computing and Image Processing based	Published

				4 .LipsaNayak 5 .VasaviRavuri 6 .Dr.GurusharanKaur 7 .Ms.SnehaSuaHegde 8 .M.Amanulla Khan 9 .Mr.Amandeep Singh K 10 ..Dr..V.R.Niveditha	4 .LipsaNayak 5 .VasaviRavuri 6 .Dr.GurusharanKaur 7 .Ms.SnehaSuaHegde 8 .M.Amanulla Khan 9 .Mr.Amandeep Singh K 10 .. Dr.. V.R.Niveditha	Public Screens for Basic Medical Diagnostics	
35	202341036793	27/05/2023	16/06/2023	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	1)Dr.TejaswiPotluri 2)Dr. S. V. Phani Kumar – VFSTRU 3) Dr.K.V.Krishna Kishore	Automated online Proctoring System to Monitor Anomalous Student Behavior using Attentive-Net and Proctor-Net	Published
36	202341053713	10/08/2023	01/09/2023	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	1.Sarika Nyaramneni 2.Dr.V.Baby 3. Dr.CH.Suresh 4. Chunchu Ravi Varma 5.Kancharla Gayatri Praharshita 6.Kunchala Sushma Mahankali Varun	Patient Obligation Perceiving System Using Eye Gestures	Published
37	202341052678	04/08/2023	01/09/2023	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	1)Dr. A Brahmananda Reddy 2)Mr. Karnam Akhil 3)Dr. Archana K Bhange 4)Dr. Nagini Sabbineni 5)Dr. B.V. Kiranmayee 6)Mrs. Sampath Alankritha 7)Dr. Vijaya Saraswathi R	KNOWLEDGE- BASED INTELLIGENT SYSTEM FOR DESIGN THINKING	Published

38	202441018837 A	14/03/2024	29/03/2024	VallurupalliNageswaraR aoVignanaJyothi Institute of Engineering Technology	1)Dr. A Brahmananda Reddy 2)Mr. Karnam Akhil 3)Mr. Jatin Lekkala 4)Mr. Arjun Karthikeya Nakka 5)Ms. Manisha Rampalli 6)Mr. Parthiv Jasti	SEMANTIC KNOWLEDGE BASE INTELLIGENT SYSTEM FOR PROBLEM SOLVING SKILLS ENHANCEMENT	Published
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