



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE,EEE,ME,ECE,CSE,EIE,IT,AME, M.Tech. STRE, PE, AMS, SWE Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF (2022) 113th Rank in Engineering Category
College with Potential for Excellence by UGC, JNTUH-Recognized Research Centres:CE,EEE,ME,ECE,CSE
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O.), Hyderabad – 500 090, TS, India.

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Department of CSE-AIML & IoT

SI No	Name Of Inventor	Title of Invention	Patent File Number	Date Of Filing	Status
1	Miss Shubhashree Sahoo, Dr. Sitanath Biswas, Dr. N. Sandhya, Mr. B.Venkatesh Reddy, Ms. Sayeedakhanum Pathan, Mr. Sahith Battula	AI BASED DEVICE TO PREVENT EARLY CERVICAL SPONDYLOSIS AMONG COMPUTER USERS	202341018801 A	31/03/2023	Applied for Examinati on
2	Dr. Sitanath Biswas, Dr. N.Sandhya, Dr. Gujjeti Nagraju, Mr. B.Venkatesh, Ms Preety Singh	OCR AND DEEP LEARNING-BASED PLAGIARISM DETECTION DEVICE FOR TELUGU LANGUAGE	202341024498	31.03.23	Applied for Examinati on
3	Dr.Sagar Yeruva, Dr. Krishna Prasad, Dr. T. Sunil Kumar, Dr. Deepak Sukheja, Mr. P. Venkateswara Rao, Dr. Brahmananda Reddy, Dr. Kousar Nikhath. A, Dr. D. N. Vasundhara, Mr. G. S. Ramesh, Mrs. V. Baby, Mr. Ankit Raj Gaddam	DESIGN & DEVELOPMENT OF A SMART SYSTEM TO ANALYZE THE IMPACT OF COVID-19 ON RESPIRATORY SYSTEM USING MACHINE LEARNING	202141017531 A	23/04/2021	Published
4	Dr. K. Sudha Rani Dr. R. Manjula Sri Dr. T. Nireekshana Dr Shuchi Tiwari K. Mani Kumari, Dr. N. Sandhya, Dr. N. Managathayaru K. Vijay Chandra, Naregalkar Akshay Dr. A. Giriprasad	Motorized Ankle Foot Driven Customized Prosthetic Leg with Exoskeleton	2.02141E+11	04-08-2021	Published
5	Dr. M. Raja Sekar Dr.N.Sandhya, Dr. P. Neelakantan Dr. P. V. Siva Kumar. Dr. G. Suresh Reddy, Dr. P. Subash Mr.M. Gangappa	TPM- Crowd funding: Trusted Crowd funding Platform Using a Smart Contract and AI- Based Management System	202141052903	17/11/2021	Published



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6	Dr. Y. Sagar Dr. Krishna Prasad Dr. T. Sunil Kumar Dr. Deepak Sukheja Mr. P. Venkateswara Rao Dr. Brahmananda Reddy A Dr. Kousar Nikhath.A Dr. D. N. Vasundhara Mr. G. S. Ramesh Mrs. V. Baby Mr. Ankit Raj Gaddam	DESIGN & DEVELOPMENT OF A SMART SYSTEM TO ANALYZE THE IMPACT OF COVID-19 ON RESPIRATORY SYSTEM USING MACHINE LEARNING	202141017531 A	23/04/2021	Published
7	V. Baby, Dr. S. Nagini, K. Jhansi Lakshmi Bai, Dr. Sagar Yeruva, G. Yashwanth, B. Janaki Ram, A. Rikhila, Dr. D. N. Vasundhara, N.V. Sailaja, A. Madhavi	VIRTUAL MOM-RESPONSIVE BABY MONITORING TOY	202141020965 A	11-06-2021	Published
8	Dr. Deepak Sukheja, Dr. Umesh Kumar Singh, Dr. T. Sunil Kumar, Dr. P. V. Siva kumar, Dr. Sagar Yeruva, Mrs. Priya Bhatnagar, Mr. N. Sandeep Chaitanya, Dr. Santosh Kumar Choudhary, Dr. Prateek Sharma, Dr. Lokesh Kumar Laddhani, Dr. Bhupendra Kumar Pandya	GPS AND ENCRYPTION BASED MULTI-CHECK AUTHENTICATION PROCESS FOR PREVENTING FRAUD TRANSACTION	202141044509 A	08-10-2021	Published
9	DR.N.SANDHYA DR. M. RAJA SEKAR DR. ASHISH KUMAR CHAKRAVERTI(HOD) VIVEK KUMAR P. ILA CHANDANA KUMARI PROF. DR. YASHPAL SINGH	Computer Cache Memory Performance Enhance Using Neural Networks and Machine Learning	202041001789	17/01/2020	Published



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	Dr. Deepak Sukheja Dr. G. Ramesh Chandra Dr. N. Sandhya, Dr. B. V. Kiranmayee, D. Ramesh Reddy	Sheltered Driving System for Automotive vehicles for streamlined operation on roads with adherence to extant rules and regulations	202041045360	13/11/2020	Published
10	S.KRANTHI KUMAR DR. B.V. KIRANMAYEE DR. S.NAGINI DR. CHALUMURU SURESH V.BABY K. JHANSI LAKSHMI BAI SRAVANI NALLURI SRAVANI NALLURI DR.A.KOUSAR NIKHATH P.RADHIKA MOTUPALLI RAVIKANTH VENKATA NAGA RAJU THATHA	CRITICAL PATIENTS M MONITORING DEVICE: CRITICAL PATIENTSâ€™M MONITORING USING MACHINE LEARNING FEATURE SELECTION TECHNIQUE	202041023578 A	12-06-2020	Published