Patent Details for Verification_NIRF2024

Note: Provide your Institution's Patent details (Only Utility Patents) Discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2020 – 2022 year-wise) strictly in this provided format, and clearly write/mention the Discipline & Institute ID above the List/Table as prescribed. Details of the Design, Trademarks, or Copyrights, and only Filed Patents must be avoided. Those details should not be entered or provided in the list below as those won't be considered for the ranking. Patent details must be submitted along with all the source proofs (attached) like screenshots, pdf, image file from databases like InPASS, WIPO, USPTO, Espacenet, Derwent Innovation, etc. and direct URL/Website links, etc.

Discipline Name applied for NIRF2024 Ranking: IR_ENGINEERING									Institute ID: C-19951	
Provide below the Year-wise Count of Submitted Patent Data by the Institute (2020 to 2022) for NIRF2024 as applied in Discipline-specific:										
Published_2020	**Published_2021**	**Published_2022**	**Granted_2020**	**Granted_2021**	**Granted_2022**	**Total Published (2020-2022)**	**Total Granted (2020-2022)**			
18	21	11	1	13	4	50	18			

Patent Details with proofs (Attach screenshots, pdf, image file, etc.):

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Appication)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
1	202041044247	Published	Mr. MADHU KUMAR VANTERU Dr. T. VENKATA RAMANA Dr. SARDAR INDERJEET SINGHKANDALA KALYANA SRINIVAS PATAN SALEEM AKRAM PEDDI ANUDEEP RAJIDI SAHITHI Dr. R. VIJAYA PRAKASH A. CHANDU NAIK	ACOUSTIC ECHO CANCELLATION ALGORITHM FOR CHANNEL ESTIMATION IN FULLY SCHEDULED PRECODER BASED POMA STRUCTURED LTE NETWORK	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	11-10-2020	16/10/2020	202041044247	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/48-CSE.pdf
2	202041034753 A	Published	Dr. Mohan.D Dr.K. Anitha Sheela Dr. P. Sudhakar	A Utility Based on Speech Enable Interactive Voice Response (SEIVR) for Providing Online Market Place for Farmers for Selling of Farm Produce	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	13/08/2020	04-09-2020	202041034753 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/13-ECM.pdf

3	202041031947 A	Published	Dr. Attili Venkata Ramana A.V. Lakshmi Prasuna Chikyal Neetu Narayanrao P. Maitreyi B. Swetha Meenakshi Bhrugubanda P Poornima Archana Kalidindi	AIR Quality Monitoring Device using Internet of Things (IOT)	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	26/07/2020	21/08/2020	202041031947 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/14-ECM.pdf
4	202041045375	Published	Dr C N Sujatha	An Interactive system and method for effective communication in hospitals for patients and hospital support staff	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	19\10\2020	25\12\2020	202041045375	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/74-ECE.pdf
5	202011041126	Published	Dr. Abhishek Choubey	A system and method for controlling user terminals to minimize coronavirus spread and method for identifying the same	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	23\09\2020	16\10\2020	202011041126	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/A-system-and-method-for-controlling-user-terminals-to-minimize-coronavirus-spread-and-method-for-identifying-the-same.pdf
6	202041020773	Published	Dr.KANNAN KALIAPPAN	DEVELOPMENT OF PESTICIDES SPRAY DRONE FOR AGRICULTURE FIELDS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	17/05/2020	05-06-2020	202041020773	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/DEVELOPMENT-OF-PESTICIDES-SPRAY-DRONE-FOR-AGRICULTURE-FIELDS.pdf

7	202041025460 A	Published	Dr.KANNAN KALIAPPAN	DEVELOPMENT OF SOLAR BASED COMPOUND PARABOLIC COLLECTOR FOR AGRICULTURE FIELDS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	17/06/2020	03-07-2020	202041025460 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/86-EEE.pdf
8	202041009625	Published	Dr. Vijayalakshmi Kakulapati Rajula Rahul reddy Muthyala nagararaju	Apparatus for performing operations in a farm	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	06-03-2020	13/03/2020	202041009625	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/27-IT.pdf
9	202041030779	Published	Dr. Sreerama murthy, M. Dhanaraju	Human activity prediction using AI-based machine learning Programming	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	19/07/2020	21/08/2020	202041030779	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/28-IT.pdf
10	202041009022	Published	Dr. Sravan kumar	EMERGENCY ALERT SCHEME THROUGH WIRELESS SENSOR NETWORK AND THE CLOUD COMPUTING AT POPULATED PLACES	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	03-03-2020	06-03-2020	202041009022	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/48-CSE.pdf
11	202041009647	Published	1 . Dr. Vijayalakshmi Kakulapati 2 . Akkinapelli Suryakiran 3 . Dr. Shaik Subhani 4 . Dr. K. Sreerama Murthy	A system and a method for speech detection and Handwriting replication and writing thereof	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	06-03-2020	13/02/2020	202041009647	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/26-IT.pdf

12	202041011597A	Published	Dr Syed Jahangir Badashah	Abnormal Blood Vessels Annotation System For Diabetic Retinopathy Patients	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	18/03/2020	01-02-2020	202041011597A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/65-ECE.pdf
13	202041044774A	Published	Dr Vikram Palodiya 2)Dr Syed Jahangir Badashah	VLSI Based EEG Signal Processing For Smart Patient Monitoring System	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	14/10/2020	23/10/2020	202041044774A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/64-ECE.pdf
14	202041050552A	Published	Badashah)Dr.Prakash Pareek 3)Dr M Janardhana Raju 4)Sivakumar R. D. 5)Praveen Kumar Vemuri 6)Gummmavajjala Mahathi 7)Naredla Kusuma 8)Dr. M. Kayalvizhi 9)Velnath. R 10)Asisa Kumar Panigrahy (72)Name of Inventor : 1)Dr Syed Jahangir Badashah 2)Dr.Prakash Pareek 3)Dr M Janardhana Raju 4)Sivakumar R. D. 5)Praveen Kumar Vemuri 6)Gummmavajjala	Investigation of Iot Based Life Care Autonomous System	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	20/11/2020	04-12-2020	202041050552A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/63-ECE.pdf

15	202041025347 A	Published	1)Dr. T. Ramaswamy 2)Dr. S. P. V. Subba Rao 3)PRUTHVI SHASHANK AKULA 4)SWATHI TADINADA	: SMART CITY BUS SYSTEM BASED UPON NEAR FIELD COMMUNICATION (NFC) TECHNIQUE	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	16/06/2020	10-07-2020	202041025347 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/68-ECE.pdf
16	202041030474 A	Published	Dr D Ajitha	ASPT- IDENTIFYING PAPER CURRENCY: AUTOMATIC IDENTIFYING PAPER CURRENCY, STOCKS, STAMPS USING IMAGE PROCESSING TECHNOLOGY	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	17/07/2020	21/08/2020	202041030474 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/71-ECE.pdf
17	202041022652	Published	Uma Sai Chaitanya K Dr M Mahaboob Basha and Dr S P V Subba Rao, Nishanth Goud ,Tarun M	A Robotic Device for Cleaning of Beaches enabled by Wireless Control	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	29/05/2020	19/06/2020	202041022652	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/53-ECE.pdf
18	202041017470	Published	Dr C N Sujatha	Doorbell using Piezo Electric Energy Harvesting Unit as a Doormat	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	23/04/2020	29/05/2020	202041017470	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/79-ECE.pdf
19	202041056820	Published	Dr. Vijayalakshmi Kakulapati	A system and query based mining method on public open Data repository for knowledge extraction	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	29/12/2020	08-01-2021	202041056820	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/24-IT.pdf
20	202041017082 A	Published	Dr. SrinivasuluGundala	Automatic voltage Level UP/ Level DOWN shifter for VLSI circuits	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	27/06/2021	09-07-2021	202041017082 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/52-ECE.pdf

21	201941046998	Published	ARUNA VARANASI SHVEJAN SHASHANK S V SOUMYA	A SYSTEM AND MODULE AND DEVICE BASED UPON MOBILE APPLICATION FOR IDENTIFYING OF ARTICLES / OBJECTS WHICH ARE FREQUENTLY MISPLACED	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	19/11/2019	21/05/2021	201941046998	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/43-CSE.pdf
22	201941048051	Published	BHUKYA, SREEDHAR	A TERTIARY ATTACHMENT MODEL FOR CREATING A DYNAMIC NETWORK	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	25/11/2019	28/05/2021	201941048051	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/45-CSE.pdf
23	202141027199	Published	Lingala Thirupathi Er. Sandeep Ravikanti Dheeraj Sundaragiri Mohd Munawer A.Rajesh Sunil Bollam	DIGITAL IMAGE PROCESSING TECHNIQUES USING MATLAB	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	18/06/2021	02-07-2021	202141027199	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/49-CSE.pdf
24	202141039782	Published	Dr.RAVIKANTH M Dr. SREEDHAR BHUKYA Dr.ANITHA PATIL SEEMA J VIVEK SHARMA	BLOCKCHAIN TECHNOLOGY BASED SYSTEM FOR PRESERVING ELECTRONIC HEALTH RECORDS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	02-09-2021	24/09/2021	202141039782	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/50-CSE.pdf

25	202141001394 A	Published	Dr. Suresh Kumar Pittala Chinna Narasimhulu C Dr. Mohammed Khaja Nizamuddin Dr. Abdullah Akbar Dr. Mahaboob Basha Shaik Dr. Syed Abdul Sattar Telugu Maddileti Dr. Amairullah Khan Lodhi Dr. Arun Singh Chouhan Mohammed Abdul Razzak	VLSI Based Implementation of Robotic ARM Control with Leap Motion	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	12-01-2021	12-01-2021	202141001394 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/11-ECM.pdf
26	202041056154	Published	Dr.C.BHARGAVA	A METHOD FOR POWER SHARING IN DROOP-CONTROLLED HYBRID AC-DC SUBGRIDS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	23/12/2020	01-01-2021	202041056154	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/A-Method-For-Power-Sharing-In-Droop-Controlled-Hybrid-Ac-Dc-Subgrids.pdf

27	202141037611	Published	2 . Er. Aparna Srivastav K 3 . Mr. Vipul Ranjan Kaushik 4 . Dr B. Indira 5 . Dr.Sangeeta Mishra 6 . Dr. Monika Jain 7 . Dr. Ankur Saxena 8 . Dr. S. Angelin Sheeja 9 . Abhra Pratip Ray 10 . Niranjan Mahato 11 . Dr. Deepika Yada	Intelligent IoT system to predict rainfall in a targeted location based on current weather parameters	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	19/08/2021	10-09-2021	202141037611	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/22-IT.pdf
28	202141007247	Published	Dr. Vijayalakshmi Kakulapati	SINGLE DEBIT CUM CREDIT CARD FOR MAKING MONEY TRANSACTIONS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	21/02/2021	26/03/2021	202141007247	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/SINGLE-DEBIT-CUM-CREDIT-CARD-FOR-MAKING-MONEY-TRANSACTIONS.pdf
29	202141006788	Published	Dr. Jaffar Sadiq	A Novel method to Detect Adversaries using MSOM Algorithm's longitudinal conjecture model in scada network	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	18/02/2021	26/02/2021	202141006788	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/25-IT.pdf

30	202141007676	Published	. Dr. K. K. RAMASAMY 2 . Mr. P.SABARI 3 . Dr.SATYANARAYANA INDIGIBILLI 4 . SUSHEELA KATTULA 5 . ERIKI ANANDA KUMAR 6 . Dr. JAYAKIRAN REDDY E 7 . Dr. GONDI KONDA REDDY 8 . Dr. T.D.SUNDARANATH 9 . Dr. KIRAN KUMAR M 10 . Dr. B SRINIVASULU	A SMART PUMPING MOTOR WITH INBUILT MAINTAINANCEMECHANISMS	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	24/02/2021	05-03-2021	202141007676	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/1-ME.pdf
31	202141028829 A	Published	Dr. SrinivasuluGundala	A Transmission gate voltage level translator for deep sub-micron technology	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	27/06/2021	09-07-2021	202141028829 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/54-ECE.pdf

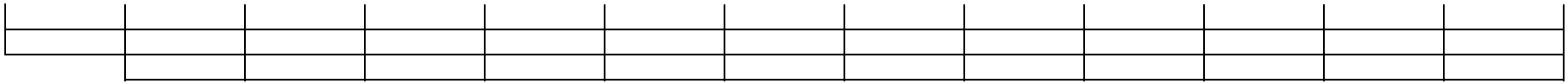
32	202141040652 A	Published	2)[illegible] S.RAVICHAND 3)Dr TAVANAM VENKATA RAO 4)Dr. U. YEDUKONDALU 5)Mr. JAYA KUMAR A 6)Dr. KOTESWARARAO SEELAM 7)Dr.V.VIJAYASRI BOLISETTY 8)Dr.N.SATHEESH KUMAR 9)Dr. REKHARANI MADDULA 10)Dr. P. SIVA KUMAR 11)Mr.T.SUMAN 12)G K SIVASANKARA YADAV 13)Mr. AMANCHA THIRUPATHI 14)D.MAGDALENE	Design and Implementation for Traffic Violation Detection of Vehicles using OCR Algorithm Based on Artificial Intelligence Technique	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	07-09-2021	17/09/2021	202141040652 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/57-ECE.pdf
33	202141040841 A	Published	Dr.tavanam venkata rao Mr.R.jeyakumar Dr.varkuti kumar swamy Dr. M. ramesh kumar Dr.M. Amutha Mr.Hari hara p kumar M	A System For Preamble Data Generation And Encoding Nested Qr Code And Method Thereof	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	09-09-2021	09-09-2021	202141040841 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/56-ECE.pdf
34	202141046100A	Published	Dr Syed Jahangir Badashah	Intelligent System for Automatic Heel Adjustment in women Shoes using IoT & Deep Learning	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	09-10-2021	05-11-2021	202141046100A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/58-ECE.pdf

35	202141007441 A	Published	Dr Syed Jahangir Badashah	Enhanced Image Compression System With Parallelized Binary Search Tree Optimization Method For Medical Images	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY		22/02/2021	202141007441 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/62-ECE.pdf
36	202141047283	Published	1 . Arumugam Ranjith 2 . Mr. Uttam Basu 3 . Mr. Nandkishor Balu Gosavi 4 . Dr. Yusuf Perwej 5 . Mr. S G Nagaraju Valluri 6 . Mr.Y. M. MAHABOOBJOHN 7 . Dr. Rachit Garg 8 . Mr. Keshav Kaushik 9 . Dr.Harmandeep Singh Gill 10 . Dr. Arun Kumar Pallathadka 11 . Dr. Harikumar Pallathadka	Anti-Theft system based on the Internet of Things (IoT) to monitor unusual movements.	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	18/10/2021	29/10/2021	202141047283	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/67-ECE.pdf
37	202141048070	Published	Dr Varkuti Kumaraswamy and Dr T Venkata Rao	IoT and Machine Learning-based Navigation Device for Blind	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	21/10/2021	05-11-2021	202141048070	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/70-ECE.pdf
38	202141004191 A	Published	Koya Jeevan Reddy	Development of Artificial Intelligence based traffic managemrnt system for emergency vehicles	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	31/01/2021	05-02-2021	202141004191 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/72-ECE.pdf
39	202141001081 A	Published	Koya Jeevan Reddy	IOT based autonomous Floor Disinfecting Smart UV Robotic System	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	09-01-2021	15/01/2021	202141001081 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/73-ECE.pdf

40	202221040803	published	Mr.Vijay Birchha	USING A GAN MODEL FOR HANDWRITING IMAGE RECOGNITION	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	16-07-2022	05-08-2022	202221040803	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Using-A-Gan-Model-For-Handwriting-Image-Recognition-Cse.pdf
41	20 2241062141	Published	Mr Goli Raja Ramesh	Automatic detection and classification of eye disease using convolution neural network and image processing	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	01-11-2022	18-11-2022	20 2241062141	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Automatic-detection-and-classification-of-eye-disease-using-convolution-neural-network-and-image-processing.pdf
42	202 211071592	Published	Ms. Gurinder Kaur	DEVELOPMENT OF AN INTELLIGENT LIBRARY MANAGEMENT SYSTEM FOR VIRTUAL TUTORIALS FOR MUSICAL INSTRUMENTS WITH FINGER TRACKING IN AUGMENTED REALITY USING ARTIFICIAL INTELLIGENCE	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	12-12-2022	23-12-2022	202 211071592	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Development-Of-An-Intelligent-Library-Management-System-For-Virtual-Tutorials-For-Musical-Instruments-With-Finger-Tracking-In-Augmented-Reality-Using-Artificial-Intelligence.pdf

43	2022 11074981	Published	Major Dr.Sanjay Dhansing Chaudhary	DEVELOPMENT OF AN INTELLIGENT TRANSISTOR SYSTEM FOR SMART CITIES TO PROVIDE COMMERCIAL PARKING SPACES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	23-12-2022	30-12-2022	2022 11074981	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Development-Of-An-Intelligent-Transistor-System-For-Smart-Cities-To-Provide-Commercial-Parking-Spaces-Using-Artificial-Intelligence-And-Machine-Learning-Techniques.pdf
44	2022 41069534	Published	Raghavendra S Chinchansoor	DIAGNOSIS OF DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY AND MACHINE LEARNING APPROACH	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	02-12-2022	27-01-2023	2022 41069534	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Diagnosis-Of-Diabetic-Retinopathy-Using-Optical-Coherence-Tomography-And-Machine-Learning-Approach.pdf
45	202241039335	Published		Photoshop's blend modes for picture manipulation are mathematically magical	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	08-07-2022	22/07/2022	202241039335	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/Photoshops-blend-modes-for-picture-manipulation-are-mathematically-magical.pdf
46	202241012152 A	Published	Dr Syed Jahangir Badashah	UNDERWATER ROBOT FOR UPROOTING PLANTS IN LAKES	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	07-03-2022	25/03/2022	202241012152 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2024/01/Underwater-Robot-For-Uprooting-Plants-In-Lakes.pdf
47	202241043736	Published	Mr. Shravankumars masalavad	'An energy dissipating and downstream erosion resisting structure	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	30/07/2022	07-10-2022	202241043736	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/An-energy-dissipating-and-downstream-erosion-resisting-structure.pdf

48	202241009073A	Published	Dr.KANNAN KALIAPPAN	IOT BASED INFANT HEALTH MONITORING SYSTEM	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	21/02/2022	04-03-2022	202241009073A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/IOT-BASED-INFANT-HEALTH-MONITORING-SYSTEM.pdf
49	202241015306 A	Published	Dr Syed Jahangir Badashah	SYSTEM FOR DIGITAL CRIMINAL INVESTIGATION BASED ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	21/03/2022	25/03/2022	202241015306 A	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/12/AN-UNIVERSAL-CLASSIFIER-FOR-LEARNING-AND-CLASSIFICATION-OF-DATA-WITH-USES-IN-MACHINE-LEARNING.pdf
50	202022100199	Published	Dr. K. Vijayalakshmi G. Akhil reddy	An Improved Video Retrieval Systems	SREENIDHI INSTITUTE O SCIENCE AND TECHNOLOGY	14/01/2022	25/01/2022	202022100199	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	https://sreenidhi.edu.in/wp-content/uploads/2023/01/89-IT.pdf



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202041044247
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/10/2020
APPLICANT NAME	1 . Mr. MADHU KUMAR VANTERU 2 . Dr. T. VENKATA RAMANA 3 . Mr. KANDALA KALYANA SRINIVAS 4 . Mr. PATAN SALEEM AKRAM 5 . Mr. PEDDI ANUDEEP 6 . Ms. RAJIDI SAHITHI 7 . Dr. R. VIJAYA PRAKASH 8 . Mr. A. CHANDU NAIK 9 . Dr. SARDAR INDERJEET SINGH
TITLE OF INVENTION	ACOUSTIC ECHO CANCELLATION ALGORITHM FOR CHANNEL ESTIMATION IN FULLY SCHEDULED PRECODER BASED POMA STRUCTURED LTE NETWORK
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	madhuvjits@gmail.com
ADDITIONAL-EMAIL (As Per Record)	nagu.sajana@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/10/2020

(12) PATENT APPLICATION PUBLICATION
(21) Application No.202041034753 A
(19) INDIA
(22) Date of filing of Application :13/08/2020
(43) Publication Date : 04/09/2020

(54) Title of the invention : A UTILITY BASED ON SPEECH ENABLE INTERACTIVE VOICE RESPONSE (SEIVR) FOR PROVIDING ONLINE MARKET PLACE FOR FARMERS FOR SELLING OF FARM PRODUCE

(51) International classification :G10L15/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Mohan.D
Address of Applicant :Professor, ECM Dept, Sreenidhi Institute of Science &Technology, Hyderabad, INDIA Telangana India
2)Dr.K. Anitha Sheela
3)Dr. P. Sudhakar
(72)**Name of Inventor :**
1)Dr. Mohan.D
2)Dr.K. Anitha Sheela
3)Dr. P. Sudhakar

(57) Abstract :
A mobile based application with Indian language speech recognition module for online market place for farmers. The application allows farmers to sell their products with voice search system. It should reach more than 90 per cent accuracies for both real-time and non-real-time scenario. It has been observed that this app performs well for isolated word queries in noisy field conditions. The speech recognition accuracy is higher for male speaker and normally it is lower for female speakers. Results on the collected data are shown in the tables. This work is carried out on same speech data set for both the methods and we can observe the assessment results of the accuracies is somewhat higher and rejection rates are lower for CMU™s Sphinx as it is non-real time setup and other one is real-time environment, which is to be expected. Thus, this tool can enable farmers stand gained in Agri business.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2020

(21) Application No.202041031947 A
(43) Publication Date : 21/08/2020

(54) Title of the invention : AIR QUALITY MONITORING DEVICE USING INTERNET OF THINGS (IOT)

(51) International classification :H04L 29/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR. ATTILI VENKATA RAMANA (ASSOCIATE PROFESSOR)
Address of Applicant :DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING (ECM), SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, YAMNAMPET, GHATKESAR, HYDERABAD, TELANGANA, INDIA. E-Mail: avrrdg@gmail.com Telangana India
2)A.V. LAKSHMI PRASUNA (ASSISTANT PROFESSOR)
3)CHIKYAL NEETU NARAYANRAO (ASSISTANT PROFESSOR)
4)P. MAITREYI (ASSISTANT PROFESSOR)
5)B. SWETHA (ASSISTANT PROFESSOR)
6)MEENAKSHI BHRUGUBANDA (ASSISTANT PROFESSOR)
7)P POORNIMA (ASSISTANT PROFESSOR)
8)ARCHANA KALIDINDI (ASSISTANT PROFESSOR)
(72)**Name of Inventor :**
1)DR. ATTILI VENKATA RAMANA (ASSOCIATE PROFESSOR)
2)A.V. LAKSHMI PRASUNA (ASSISTANT PROFESSOR)
3)CHIKYAL NEETU NARAYANRAO (ASSISTANT PROFESSOR)
4)P. MAITREYI (ASSISTANT PROFESSOR)
5)B. SWETHA (ASSISTANT PROFESSOR)
6)MEENAKSHI BHRUGUBANDA (ASSISTANT PROFESSOR)
7)P POORNIMA (ASSISTANT PROFESSOR)
8)ARCHANA KALIDINDI (ASSISTANT PROFESSOR)

(57) Abstract :
Patent Title: AIR QUALITY MONITORING DEVICE USING INTERNET OF THINGS (IOT). ABSTRACT My Invention AIR QUALITY MONITORING DEVICE USING INTERNET OF THINGS (IOT)• is an air monitoring device is disclosed having an air monitoring unit with at least one sensor for measuring data of an air quality parameter and a computer for storing the air quality parameter data received from the sensor using internet of things (IOT). The invented device the air monitoring unit may use an installed or a portable system, or a combination of both, for measuring the air quality parameters of interest. A remote data center also provided, and the data uploaded to the data center from the unit by a communications media such as the internet of things (IOT). The Information or instructions may also be downloaded from the data center to the unit via the communications media for controlling or modifying the function of the unit. The invented Device the air monitoring unit may contain sensors, and a multiple tube and vacuum system used to transport samples of air to the air monitoring unit from one or more remotely located sampling locations. This air monitoring system may involve a star based tube structure or octopus• type arrangement that uses many tubes each making a off ice run• from the sampling location to the air monitoring unit and also to use a networked air sampling system that includes a common centrally located air monitoring unit containing one or more sensors.

No. of Pages : 26 No. of Claims : 10

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202041045375
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/10/2020
APPLICANT NAME	**1 . Dr. C N SUJATHA** **2 . BACHU SRICHARAN** **3 . ROHIT KILLAMPALLI** **4 . Y. SHIVANI**
TITLE OF INVENTION	AN INTERACTIVE SYSTEM AND METHOD FOR EFFECTIVE COMMUNICATION IN HOSPITALS FOR PATIENTS AND HOSPITAL SUPPORT STAFF
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ravirlyfan@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/12/2020

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202011041126
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/09/2020
APPLICANT NAME	1 . DR. VANDNA PATHAK 2 . ABHISHEK CHOUBEY 3 . DR. VIRENDRA RAJAK 4 . SHRUTI BHARGAVA CHOUBEY
TITLE OF INVENTION	A SYSTEM AND METHOD FOR CONTROLLING USER TERMINALS TO MINIMIZE CORONAVIRUS SPREAD AND METHOD FOR IDENTIFYING THE SAME
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	Vandanpat12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202041020773
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/05/2020
APPLICANT NAME	1 . Dr.S.Gnanasekaran 2 . Dr. T.C.Manjunath 3 . Dr.S.Senthil Kumar 4 . Dr. S. Nallusamy 5 . Dr. Kannan Kaliappan 6 . Dr. Velmani Ramasamy 7 . Mr. Shubham Awasthi 8 . Mr.S.Nagakumararaj 9 . Mr. Hemant B. Mahajan 10 . Mr.Srinivas Naik 11 . Mr.Manju J R 12 . Mr.Venkata Ranga Rao Kommineni 13 . Dr.Parrakal Satishchandra Menon 14 . Dr.A.Umesh Bala 15 . Mr.T.Vignesh
TITLE OF INVENTION	DEVELOPMENT OF PESTICIDES SPRAY DRONE FOR AGRICULTURE FIELDS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgnanasekaran@siet.ac.in
ADDITIONAL-EMAIL (As Per Record)	sgnanasekaran@siet.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/06/2020

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

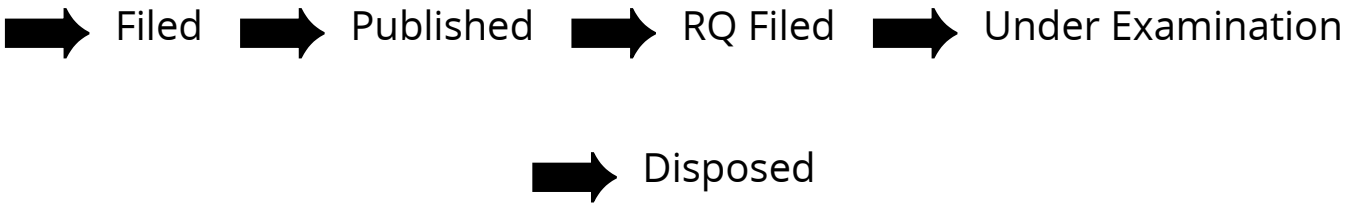
(http://ipindia.nic.in/index.htm)

(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202041025460
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	1 . P.Vijayakumar 2 . Dr.G.Kumaresan 3 . Dr. Kannan Kaliappan 4 . Mohit Tiwari 5 . Mr. Hemant B. Mahajan 6 . Gourab Das 7 . Tripti Tiwari 8 . Dr. T.C.Manjunath 9 . Dr.K.Murugan 10 . Dr.B.Guruprasad 11 . Manju J R 12 . Prof.Raghavendrarao B Kulkarni 13 . Mr. A. Gokul Karthik 14 . Dr.M.R.Meera 15 . Dr.Ananad Mohan 16 . T.Vignesh
TITLE OF INVENTION	DEVELOPMENT OF SOLAR BASED COMPOUND PARABOLIC COLLECTOR FOR AGRICULTURE FIELDS
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	thermalvijay@gmail.com
ADDITIONAL-EMAIL (As Per Record)	thermalvijay@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

View Documents



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	202041009625
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/03/2020
APPLICANT NAME	1 . Dr. Vijayalakshmi Kakulapati 2 . Rajula Rahul Reddy 3 . Muthyala Nagararaju
TITLE OF INVENTION	APPARATUS FOR PERFORMING OPERATIONS IN A FARM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	mail@ideas2ipr.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/03/2020

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

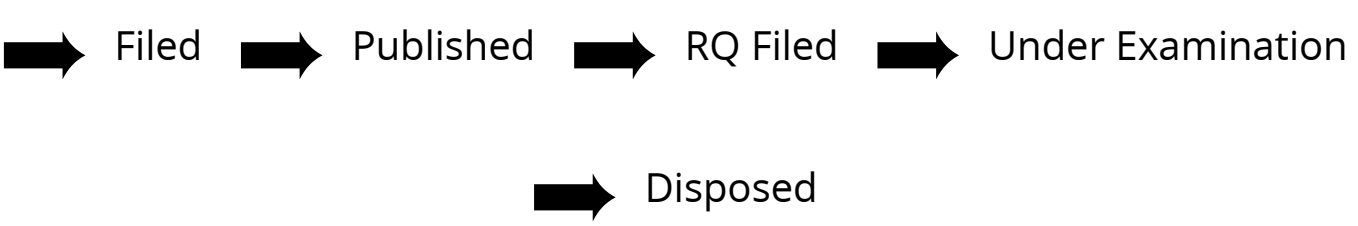
GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	202041030779
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/07/2020
APPLICANT NAME	1 . J. BALARAJU 2 . DR. PVRD PRASADA RAO (PROFESSOR) 3 . DR. PRAGNYABAN MISHRA (ASSOCIATE PROFESSOR) 4 . DR. S. SAGAR IMAMBI (ASSOCIATE PROFESSOR) 5 . DR. P. LAKSHMI PRASSANNA (ASSOCIATE PROFESSOR) 6 . DR. K. SREERAMA MURTHY (ASSOCIATE PROFESSOR) 7 . DHANARAJU MURALA.(ASSISTANT PROFESSOR)
TITLE OF INVENTION	HUMAN ACTIVITY PREDICTION USING AI- BASED MACHINE LEARNING PROGRAMMING.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in
ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@yahoo.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/08/2020

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

View Documents


Filed
Published
RQ Filed
Under Examination
Disposed

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202041044247
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/10/2020
APPLICANT NAME	1 . Mr. MADHU KUMAR VANTERU 2 . Dr. T. VENKATA RAMANA 3 . Mr. KANDALA KALYANA SRINIVAS 4 . Mr. PATAN SALEEM AKRAM 5 . Mr. PEDDI ANUDEEP 6 . Ms. RAJIDI SAHITHI 7 . Dr. R. VIJAYA PRAKASH 8 . Mr. A. CHANDU NAIK 9 . Dr. SARDAR INDERJEET SINGH
TITLE OF INVENTION	ACOUSTIC ECHO CANCELLATION ALGORITHM FOR CHANNEL ESTIMATION IN FULLY SCHEDULED PRECODER BASED POMA STRUCTURED LTE NETWORK
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	madhuvjits@gmail.com
ADDITIONAL-EMAIL (As Per Record)	nagu.sajana@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/10/2020

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

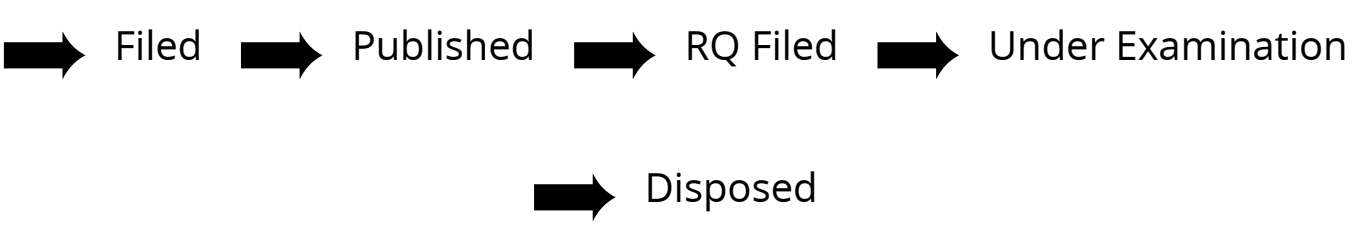
GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	202041009647
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/03/2020
APPLICANT NAME	1 . Dr. Vijayalakshmi Kakulapati 2 . Akkinapelli Suryakiran 3 . Dr. Shaik Subhani 4 . Dr. K. Sreerama Murthy
TITLE OF INVENTION	A SYSTEM AND A METHOD FOR SPEECH DETECTION AND HANDWRITING REPLICATION AND WRITING THEREOF
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	mail@ideas2ipr.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/03/2020

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

View Documents


Filed
Published
RQ Filed
Under Examination
Disposed

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2020

(21) Application No.202041011597 A
(43) Publication Date : 01/05/2020

(54) Title of the invention : ABNORMAL BLOOD VESSELS ANNOTATION SYSTEM FOR DIABETIC RETINOPATHY PATIENTS

(51) International classification	:G06T0007000000, A61B0003120000, A61B0003000000, G06T0007110000, G06T0007120000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Shafiulla Basha Shaik
Address of Applicant :13/509-1, Sarvaya Palli Road, Behind Shahi Masjid, Sainath Puram, Mydukur, Y.S.R Kadapa District, Andhra Pradesh-516172, India. Andhra Pradesh India
2)Jahangir Badashah Syed
3)Rajakumar B. R.
4)Binu Dennis
(72)**Name of Inventor :**
1)Shafiulla Basha Shaik
2)Jahangir Badashah Syed
3)Rajakumar B. R.
4)Binu Dennis

(57) Abstract :
The present invention discloses the abnormal blood vessels annotation system for diabetic retinopathy patients, which comprises annotation system for detecting the damaged blood vessel present in the eye. The main design of the present invention is to determine and annotate whether any damaged blood vessel is present in diabetic retinopathy (DR) patients, which undergoes several processes such as pre-processing, blood vessel segmentation, optic disc segmentation, feature extraction, and classification. The comparator is included to compare the output of the processed image with the image of the normal blood vessel to determine the exact region of the damage blood vessels, and finally the annotation system determines the risk level to find out the annotated abnormal blood vessel. [To be published with Figure.1]

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2020

(21) Application No.202041044774 A
(43) Publication Date : 23/10/2020

(54) Title of the invention : VLSI BASED EEG SIGNAL PROCESSING FOR SMART PATIENT MONITORING SYSTEM

(51) International classification	:A61B 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr Vikram Palodiya, Sreenidhi Institute of science and Technology
Address of Applicant :Assistant professor, ECE Sreenidhi Institute of science and Technology Yanampet Hyderabad Telangana India 501301 Telangana India
2)Dr Syed Jahangir Badashah,Sreenidhi Institute of science and Technology
3)Dr Shaik Shafiulla Basha,Y.S.R. Engineering college of Yogi Vemana University
4)Dr.Prakash Pareek,Vishnu Institute of Technology (Autonomous)
5)Dr B P Santosh Kumar,Y.S.R. Engineering college of Yogi Vemana University
6)Dr. Sushma Jaiswal,CSIT,Guru Ghasidas Central University
7)Dr. Vipin Kumar Garg,Meerut Institute of Engineering & Technology
8)Kalyan Singh,Guru Jambheshwar University of Science and Technology
9)Krishan Kumar,Guru Jambheshwar University of Science and Technology
10)Dr. Dhirendra Kumar Shukla,Regional Institute of Education, NCERT
(72)**Name of Inventor :**
1)Dr Vikram Palodiya, Sreenidhi Institute of science and Technology
2)Dr Syed Jahangir Badashah,Sreenidhi Institute of science and Technology
3)Dr Shaik Shafiulla Basha,Y.S.R. Engineering college of Yogi Vemana University
4)Dr.Prakash Pareek,Vishnu Institute of Technology (Autonomous)
5)Dr B P Santosh Kumar,Y.S.R. Engineering college of Yogi Vemana University
6)Dr. Sushma Jaiswal,CSIT,Guru Ghasidas Central University
7)Dr. Vipin Kumar Garg,Meerut Institute of Engineering & Technology
8)Kalyan Singh,Guru Jambheshwar University of Science and Technology
9)Krishan Kumar,Guru Jambheshwar University of Science and Technology
10)Dr. Dhirendra Kumar Shukla,Regional Institute of Education, NCERT

(57) Abstract :
In the current pandemic situation, patients with critical diseases are lacking immediate care which would reduce the mortality rate. This invention focuses on continuous monitoring of patientâ€™s EEG signals for occurrence of any seizures in brain signals. This system is designed using machine learning algorithm for resource optimization thereby implemented using VLSI technology. The proposed algorithm provides competitive performance as it requires EEG signals only from front and frontal temporal lobes instead of signals from standard full EEG system. Seizure detection is accurate just by easily mountable headsets of dry electrode without the need of painful through- hair electrodes which is highly uncomfortable and uses adhesive material. Compact VLSI implementation is uploaded on low power FPGA Actel Igloo AGL250 that consumes 110 Watts of dynamic power and required 1237 logical elements, operating at a detection latency of 10.2 seconds provides specificity of 80.2% and sensitivity of detection as 92.6%.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2020

(21) Application No.202041050552 A
(43) Publication Date : 04/12/2020

(54) Title of the invention : INVESTIGATION OF IOT BASED LIFE CARE AUTONOMOUS SYSTEM

(51) International classification	:H04L 12/715
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr Syed Jahangir Badashah
Address of Applicant :Professor, Department of ECE, Sreenidhi Institute of science and Technology, Yanampet, Hyderabad, Telangana, India 501301 Telangana India
2)Dr.Prakash Pareek
3)Dr M Janardhana Raju
4)Sivakumar R. D.
5)Praveen Kumar Vemuri
6)Gummmavajjala Mahathi
7)Naredla Kusuma
8)Dr. M. Kayalvizhi
9)Velnath. R
10)Asisa Kumar Panigrahy
(72)**Name of Inventor :**
1)Dr Syed Jahangir Badashah
2)Dr.Prakash Pareek
3)Dr M Janardhana Raju
4)Sivakumar R. D.
5)Praveen Kumar Vemuri
6)Gummmavajjala Mahathi
7)Naredla Kusuma
8)Dr. M. Kayalvizhi
9)Velnath. R
10)Asisa Kumar Panigrahy

(57) Abstract :
Rapid development of technology, leads to new possibilities embracing in various traditional business sectors specifically Internet of Things (IoT) along with smart devices plays significant role for the development of health care centre. The technology of IoT transforms the landscape of healthcare, thereby posing higher requirement of resource management in hospitals. This invention develops an IoT system that can be deployed in hospitals for several applications which is able to support various data collection methods such as Wi-Fi, LoRa etc. This collected data is uploaded to the cloud platform through a secure connection for further processing by which feedback is provided to the users utilizing user interface in real time. This invention measures physiological parameters of In-hospital patients periodically by IoT eliminating the need of a health care professional by ubiquitous monitoring system utilizing sensors, gateways and cloud for analyzing and storage of data. This recorded data is communicated to physicians wirelessly such that physicians are able to access patient™s data from any location through any smart devices such as PC, smart phone or tablet thereby prescribing appropriate medication. Hence IoT provides Autonomous life care system with higher efficiency and lower cost.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.202041025347 A
(19) INDIA
(22) Date of filing of Application :16/06/2020
(43) Publication Date : 10/07/2020

(54) Title of the invention : SMART CITY BUS SYSTEM BASED UPON NEAR FIELD COMMUNICATION (NFC) TECHNIQUE

(51) International classification	:H04W 4/80	(71)**Name of Applicant :** **1)SWATHI TADINADA** Address of Applicant :H.No. 5-94/9B, Dammaiguda, P.S. Rao Nagar, Hyderabad Telangana India **2)PRUTHVI SHASHANK AKULA** **3)Dr. S. P. V. Subba Rao** **4)Dr. T. Ramaswamy Daniel**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)**Name of Inventor :** **1)Dr. S. P. V. Subba Rao** **2)PRUTHVI SHASHANK AKULA** **3)Dr. T. Ramaswamy Daniel** **4)SWATHI TADINADA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This device and system presents a smart information system through which the commuters can get prior real time information like the recent crossed location and arrival timings of the bus at any given point of boarding. To get this idea into practice the NFC-Near Field Communication technology comprising of an NFC card and NFC reader, is implemented wherein the card is attached to the bus and the reader is located at the bus stop. When the NFC card comes into the range of the NFC reader the data transmission takes place which is then processed and communicated to the commuters through servers at bus stop display boards and mobile apps. This innovation eradicates the barriers for public transport usage and creating a positive impact about bus journey. This concept will be a key pillar in the process of achieving smart cities. This also enables to adherence of social distancing norms.

No. of Pages : 14 No. of Claims : 4

(http://ipindia.nic.in/index.htm)

(http://ipindia.nic.in/inc

Patent Search

Invention Title	ASPT- IDENTIFYING PAPER CURRENCY: AUTOMATIC IDENTIFYING PAPER CURRENCY, STOCKS, STAMPS USING IMAGE PROCESSING TECHNOL
Publication Number	34/2020
Publication Date	21/08/2020
Publication Type	INA
Application Number	202041030474
Application Filing Date	17/07/2020
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G07D 7/12

Inventor

Name	Address	Country	Nat
Dr. P. V. N. REDDY (PRINCIPAL & PROFESSOR)	DEPARTMENT OF ECE, S V COLLEGE OF ENGINEERING, KADAPA, BALAJI NAGAR, KADAPA, AP-516003, INDIA. E-Mail: principal@svck.edu.in	India	Indi
Dr. CHUKKA SANTHAIAH (ASSOCIATE PROFESSOR)	DEPARTMENT OF CSE, INSTITUTE OF AERONAUTICAL ENGINEERRING HYDERABAD, TELANGANA-500043, INDIA, E-Mail : chukka.santh@gmail.com	India	Indi
M CHANDRA SEKHAR REDDY (HOD OF ECE DEPARTMENT)	S V COLLEGE OF ENGINEERING, KADAPA, BALAJI NAGAR, KADAPA, AP-516003, INDIA. E-Mail: chandra.2030@gmail.com	India	Indi
Dr. D. AJITHA (PROFESSOR IN ECE DEPARTMENT)	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD, TELANGANA-500043, INDIA. E-Mail: ajithavijay1@gmail.com	India	Indi

Applicant

Name	Address	Country	Nat
Dr. P. V. N. REDDY (PRINCIPAL & PROFESSOR)	DEPARTMENT OF ECE, S V COLLEGE OF ENGINEERING, KADAPA, BALAJI NAGAR, KADAPA, AP-516003, INDIA. E-Mail: principal@svck.edu.in	India	Indi
Dr. CHUKKA SANTHAIAH (ASSOCIATE PROFESSOR)	DEPARTMENT OF CSE, INSTITUTE OF AERONAUTICAL ENGINEERRING HYDERABAD, TELANGANA-500043, INDIA, E-Mail : chukka.santh@gmail.com	India	Indi
M CHANDRA SEKHAR REDDY (HOD OF ECE DEPARTMENT)	S V COLLEGE OF ENGINEERING, KADAPA, BALAJI NAGAR, KADAPA, AP-516003, INDIA. E-Mail: chandra.2030@gmail.com	India	Indi
Dr. D. AJITHA (PROFESSOR IN ECE DEPARTMENT)	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD, TELANGANA-500043, INDIA. E-Mail: ajithavijay1@gmail.com	India	Indi

Abstract:

Patent Title: ASPT- Identifying Paper Currency: AUTOMATIC IDENTIFYING PAPER CURRENCY, STOCKS, STAMPS USING IMAGE PROCESSING TECHNOLOGY ABSTRACT My Inve "ASPT- Identifying Paper Currency "is a technology for automatically identifying paper currency (old pattern, new pattern), stocks, stamps, Coin (old, new), by image process optically examining and viewing regions on the currency. The invented Technology accept the graphic pattern scanned is stored as signal information and then compared signals representing predetermined standard information on the all type of pattern of the currency. The identification technology is obtained upon the concurrence of a predetermined amount of the two information signals being compared and also the system can accommodate lateral shifts of the currency and skew angles of arrival of tl currency, and still provides a suitable identification. The system can be used either to sort currency, or to identify a particular denomination while rejecting all other currer denominations. The currency is scanned either in total or in part to determine information about the currency and compare this information to stored information. The in technology also provide the information and comparison is carried out at a testing station where the information detected is directly compared with the stored informatio result of the currency must be momentarily stopped at which time the comparison can be carried out. Such momentary stoppage provides a non-uniform flow of the curr and results in difficulties during high speed operation.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2020

(21) Application No.202041022652 A

(43) Publication Date : 19/06/2020

(54) Title of the invention : A ROBOTIC DEVICE FOR CLEANING OF BEACHES ENABLED BY WIRELESS CONTROL

(51) International classification	:H04W 74/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)Uma Sai Chaitanya Khandavalli

Address of Applicant :Student(4th year, final semester), Department of Electronics and Communication Engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Hyderabad, Telangana State, India. Telangana India

2)Dr. M Mahaboob Basha

3)Nishanth Goud Ginnaram

4)Tarun Madaraboina

5)S P V Subba Rao

(72)**Name of Inventor :**

1)Uma Sai Chaitanya Khandavalli

2)Dr. M Mahaboob Basha

3)Nishanth Goud Ginnaram

4)Tarun Madaraboina

5)S P V Subba Rao

(57) Abstract :

Climate change has been of great concern of late. The harmful effects are the resultant of man-made objects which directly affect the environment. A major concern is the marine debris that has decreased the pleasant feeling which is essential to attract tourists and has also great damage to marine life. In this regard, this robot is designed to move around the beach using wireless commands, collect the sand along with debris and clean it using sifting mechanism based on density principle. The waste settles on a mesh, leaving out the soft sand on the beach. The collected waste is manually taken into a container. The moving mechanism is driven through relays interfaced to a microcontroller chip. The sand lifting mechanism, constructed with chain sprockets and the chain mechanism firmly attached to the stable mechanical structure and along with rotary mechanism will be fixed permanently to the chassis of moving structure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2020

(21) Application No.202041017470 A
(43) Publication Date : 29/05/2020

(54) Title of the invention : DOORBELL USING THE PIEZO ELECTRIC ENERGY HARVESTING UNIT AS A DOORMAT

(51) International classification	:H02N0002180000, H01L0041113000, A47L0023260000, F03D0009110000, H02J0050200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr. C. N. Sujatha
Address of Applicant :Sreenidhi Institute of Science and Technology, Yamnampet Village, Ghatkesar, RR District, Telangana 501301 Telangana India
2)P. Sri Lakshmi
3)Y. Sushitha Reddy
4)I. Mrudula Sai
(72)**Name of Inventor :**
1)Dr. C. N. Sujatha
2)P. Sri Lakshmi
3)Y. Sushitha Reddy
4)I. Mrudula Sai

(57) Abstract :
As an alternate to conventional power sources, this invention aims to harness mechanical energy dissipated through human footsteps by using the piezoelectric phenomenon. An arrangement of sensors along with an appropriate mechanical coupling design, serves as the basis for the piezoelectric energy harvesting tile that harnesses energy from mechanical motion. The electric energy generated when appropriate load is applied on the tile is captured via the load circuit designed to cumulate irregular pulses of power from the piezoelectric stacks, rectify them, stores them in a capacitor and convert accumulated energy to a constant DC output when a xed voltage level has reached on a storage capacitor. This energy can be utilized to power different electronic devices which consume low power. The Harvesting unit is a doormat provided at a suitable height so when a visitor steps on it the doorbell is activated and it notifies the user of their presence.

No. of Pages : 14 No. of Claims : 4

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	202041056820
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/12/2020
APPLICANT NAME	1 . Dr. Vijayalakshmi Kakulapati 2 . Dr. Vasumathi Devara
TITLE OF INVENTION	A SYSTEM AND QUERY BASED MINING METHOD ON PUBLIC OPEN DATA REPOSITORY FOR KNOWLEDGE EXTRACTION
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/01/2021

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2020

(21) Application No.202041017082 A

(43) Publication Date : 05/06/2020

(54) Title of the invention : AUTOMATIC VOLTAGE LEVEL UP/LEVEL DOWN SHIFTER FOR VLSI CIRCUITS

(51) International classification :H03K0019018500,H03K0003356000,H03K0019000000,H03K0003011000,H03K0003030000

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant** :

1)Dr. Srinivasulu Gundala

Address of Applicant :Professor, Dept. of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram, Krishna Dt, Andhra Pradesh, India Andhra Pradesh India

(72)**Name of Inventor** :

1)Dr. Srinivasulu Gundala

2)Dr. M Mahaboob Basha

3)Dr. Kommu Siddhartha Mavovarakumar

(57) Abstract :

A Digital circuit do voltage level shifting, the circuit includes a short circuit aware MOS transistor and a transmission gate based voltage level shifting; wherein the digital circuit comprises 2 X 1 Multiplexer to select VDDH or VDDL with one NMOS transistor and one PMOS transistor in the level shifting selection stage; wherein the digital circuit receives an input voltage (VIN) from the multi voltage supply circuits and produces an output voltage (VOUT); wherein the input VIN has a voltage swing between VDDL and VDDH supply voltage or rail voltage; wherein the output VOUT has a voltage swing between VDDH and VDDL supply voltage or rail voltage; and wherein the level shifter circuit selects type of level shifting in response to a level of the input voltage. The short circuit aware MOS transistor and Transmission gates as switching elements provides low power consumption and Delay even at higher frequencies.

No. of Pages : 15 No. of Claims : 5

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details

APPLICATION NUMBER	201941046998
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/11/2019
APPLICANT NAME	1 . Dr. ARUNA VARANASI 2 . M Shvejan Shashank 3 . S.V.Sourrya
TITLE OF INVENTION	A SYSTEM AND MODULE AND DEVICE BASED UPON MOBILE APPLICATION FOR IDENTIFYING OF ARTICLES / OBJECTS WHICH ARE FREQUENTLY MISPLACED
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ravirfylan@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ravi@solublis.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/05/2021

Application Status

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	201941048051
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/11/2019
APPLICANT NAME	**BHUKYA, Sreedhar**
TITLE OF INVENTION	A TERTIARY ATTACHMENT MODEL FOR CREATING A DYNAMIC NETWORK
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	info@khuranaandkhurana.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/05/2021

Application Status

Ministry of Commerce & Industry,
Government of India

Application Details	
APPLICATION NUMBER	202141027199
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/06/2021
APPLICANT NAME	1 . Lingala Thirupathi, Research Scholer/ Department of CSE, GITAM Institute of Technology, GITAM (Deemed to be University) 2 . Er. Sandeep Ravikanti, Assistant Professor / Department of CSE, Methodist College of Engineering & Technology 3 . Dheeraj Sundaragiri, Assistant Professor/ Department of CSE, Sreenidhi Institute of Science and Technology 4 . Mohd Munawer, Assistant Professor/ Department of CSE, Deccan College of Engineering and Technology. 5 . A.Rajesh, Assistant Professor / Department of CSE, Methodist College of Engineering & Technology 6 . Sunil Ballam, Assistant Professor/ Department of IT, Malla Reddy Institute of Engineering and Technology
TITLE OF INVENTION	DIGITAL IMAGE PROCESSING TECHNIQUES USING MATLAB
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL E-MAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/07/2021

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202141039782
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/09/2021
APPLICANT NAME	1 . Dr.RAVIKANTH M 2 . Dr. SREEDHAR BHUKYA 3 . Dr.ANITHA PATIL 4 . SEEMA J 5 . VIVEK SHARMA
TITLE OF INVENTION	BLOCKCHAIN TECHNOLOGY BASED SYSTEM FOR PRESERVING ELECTRONIC HEALTH RECORDS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentagent@prometheusip.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/09/2021
PUBLICATION DATE (U/S 11A)	24/09/2021

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2021

(21) Application No.202141001394 A
(43) Publication Date : 15/01/2021

(54) Title of the invention : VLSI BASED IMPLEMENTATION OF ROBOTIC ARM CONTROL WITH LEAP MOTION

(51) International classification :B25J 9/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. SURESH KUMAR PITTALA
Address of Applicant :Associate Professor Department of Electronics and Communication Engineering R.V.R. & J.C. College of Engineering (Autonomous), Chandramoulipuram, Chowdavaram, Guntur-522019, Andhra Pradesh, India. Andhra Pradesh India
2)CHINNA NARASIMHULU C
3)Dr. MOHAMMED KHAJA NIZAMUDDIN
4)Dr. ABDULLAH AKBAR
5)Dr. MAHABOOB BASHA SHAIK
6)Dr. SYED ABDUL SATTAR
7)TELUGU MADDILETI
8)Dr. AMAIRULLAH KHAN LODHI
9)Dr. ARUN SINGH CHOUHAN
10)MOHAMMED ABDUL RAZZAK
(72)**Name of Inventor :**
1)Dr. SURESH KUMAR PITTALA
2)CHINNA NARASIMHULU C
3)Dr. MOHAMMED KHAJA NIZAMUDDIN
4)Dr. ABDULLAH AKBAR
5)Dr. MAHABOOB BASHA SHAIK
6)Dr. SYED ABDUL SATTAR
7)TELUGU MADDILETI
8)Dr. AMAIRULLAH KHAN LODHI
9)Dr. ARUN SINGH CHOUHAN
10)MOHAMMED ABDUL RAZZAK

(57) Abstract :
The present invention is adapting a technology to track the movement of the body especially the movement of the hands and fingers are likely to grow in the field of research. The objective of this research was to design and construction of the system for control robot arm using VLSI Designbased LEAP Motion Controller. This approach has adapted the principle of LEAP Motion Controller and servo motor control. In this current pandemic situation, this type of invention will be helpful for the enhanced touchless technology and also supportive for physically handicapped persons.This system is designed using ATMega 328 for robotic arm control and leap motion thereby implemented using VLSI technology.This invention mainly focuses to provide a relation between human and machine by the interaction of human hand and robotic arm. The idea converges towards the conception of a robotic arm identical to human hand with gesture that is more precise. The arm consists of five Degree of Freedom (DOF) and an end effector, which allows the interaction with the real world.The exploitation of the leap motion results in explicitly acquiring for hand gesture and provides set of points. This innovation enables more perceptive leap motion control with an end effector. The results showed the reduction in the complexity approach and gain in control accuracy.

No. of Pages : 6 No. of Claims : 8

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202041056154
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/12/2020
APPLICANT NAME	1 . DR. K. NAGA SUJATHA 2 . DR. HARIKRISHNA MUDA 3 . DR. C. BHARGAVA 4 . MR. T. MAHESH
TITLE OF INVENTION	A METHOD FOR POWER SHARING IN DROOP-CONTROLLED HYBRID AC-DC SUBGRIDS
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	patent.trademark1@gmail.com
ADDITIONAL-EMAIL (As Per Record)	drsivashankars@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	24/02/2021
PUBLICATION DATE (U/S 11A)	01/01/2021
REPLY TO FER DATE	10/06/2021

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141037611
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/08/2021
APPLICANT NAME	1 . Associate Prof. Santanu Das 2 . Er. Aparna Srivastav K 3 . Mr. Vipul Ranjan Kaushik 4 . Dr B. Indira 5 . Dr.Sangeeta Mishra 6 . Dr. Monika Jain 7 . Dr. Ankur Saxena 8 . Dr. S. Angelin Sheeja 9 . Abhra Pratip Ray 10 . Niranjan Mahato 11 . Dr. Deepika Yadav
TITLE OF INVENTION	INTELLIGENT IOT SYSTEM TO PREDICT RAINFALL IN A TARGETED LOCATION BASED ON CURRENT WEATHER PARAMETERS
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/09/2021

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

Application Details	
APPLICATION NUMBER	202141007247
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/02/2021
APPLICANT NAME	1 . Dr. Amit Kumar Tyagi 2 . Dr. Shaveta Malik (Associate Professor) 3 . Dr. Aswathy SU (Professor) 4 . Dr. Vijayalakshmi Kakulapati (Professor) 5 . Shabnam Kumari (Research Scholar (Full Time)) 6 . Prof.(Dr.) S. B. Chordiya (Director-SIMMC-Campus) 7 . Prof. (Dr.) B. K. Sarkar (International Patent Motivational Speaker)
TITLE OF INVENTION	SINGLE DEBIT CUM CREDIT CARD FOR MAKING MONEY TRANSACTIONS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	amitkrtyagi025@gmail.com
ADDITIONAL-EMAIL (As Per Record)	shavetamalik687@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/06/2023
PUBLICATION DATE (U/S 11A)	26/03/2021

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(http://ipindia.nic.in/index.htm)

(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202141006788
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/02/2021
APPLICANT NAME	1 . S. Shitharth 2 . Gouse Baig Mohammed 3 . Nageswararao Sirisala 4 . S. K. Prasanth 5 . Dr. Shaik Rasool 6 . Viyyapu Lokeshwari Vinya 7 . K. Sangeetha 8 . MD JAFFAR SADIQ
TITLE OF INVENTION	A NOVEL METHOD TO DETECT ADVERSARIES USING MSOM ALGORITHM'S LONGITUDINAL CONJECTURE MODEL IN SCADA NETWORK
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	shitharth.it@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/02/2021

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

			View Documents

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

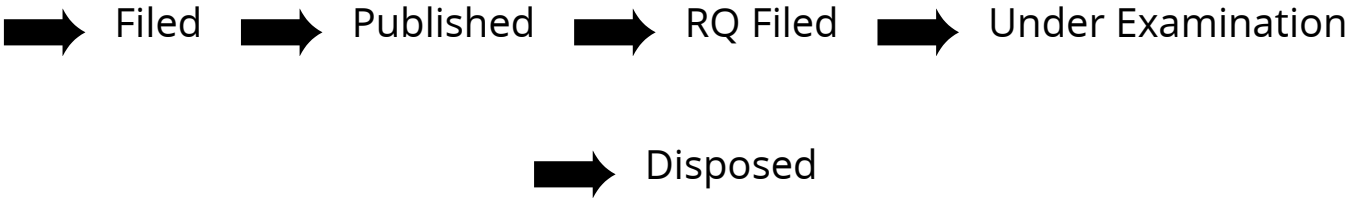
GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	202141007676
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/02/2021
APPLICANT NAME	1 . Dr. K. K. RAMASAMY 2 . Mr. P.SABARI 3 . Dr.SATYANARAYANA INDIGIBILLI 4 . SUSHEELA KATTULA 5 . ERIKI ANANDA KUMAR 6 . Dr. JAYAKIRAN REDDY E 7 . Dr. GONDI KONDA REDDY 8 . Dr. T.D.SUNDARANATH 9 . Dr. KIRAN KUMAR M 10 . Dr. B SRINIVASULU
TITLE OF INVENTION	A SMART PUMPING MOTOR WITH INBUILT MAINTAINANCE MECHANISMS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/03/2021

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

View Documents


Filed
Published
RQ Filed
Under Examination
Disposed

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2021

(21) Application No.202141028829 A
(43) Publication Date : 09/07/2021

(54) Title of the invention : TRANSMISSION GATE VOLTAGE LEVEL TRANSLATOR FOR DEEP SUB-MICRON TECHNOLOGY

(51) International classification	:H03K0003356000, H03K0019018500, H03K0017687000, H03K0003030000, H03K0019000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr. Srinivasulu Gundala
Address of Applicant :Professor, Dept. of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram, Krishna Dt, Andhra Pradesh, India 521230 Andhra Pradesh India
2)Dr. M. Mahaboob Basha
3)Dr. K. Venkata Ramanaiah
4)Mr. Kota Nikhileswar
(72)**Name of Inventor :**
1)Dr. Srinivasulu Gundala
2)Dr. M. Mahaboob Basha
3)Dr. K. Venkata Ramanaiah
4)Mr. Kota Nikhileswar

(57) Abstract :
A Transmission Gate Voltage level translator for deep sub-micron technology is a digital circuit does voltage level translating. The circuit includes a short circuit aware inverter and a transmission gate based voltage level translation and signal blocking; wherein the digital circuit comprises 2 X 1 Multiplexer to select VDDH or VDDL with one NMOS transistor and one PMOS transistor in the level shifting selection stage; wherein the digital circuit receives an input voltage (VIN) from the multi voltage supply circuits and produces an output voltage (VOUT) when the BLOCK input is given `0™; wherein the input VIN has a voltage swing between VDDL and VDDH supply voltages; wherein the output VOUT has a voltage swing between VDDH and VDDL supply voltages; and wherein the level translator circuit selects type of level translation in response to a level of the input voltage. When the BLOCK input is given `1™ the signal is completely blocked. The short circuit aware Inverters and Transmission gates as switching elements provides low power consumption and Delay even at higher frequencies.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/09/2021

(21) Application No.202141040652 A
(43) Publication Date : 17/09/2021

(54) Title of the invention : Design and Implementation for Traffic Violation Detection of Vehicles using OCR Algorithm Based on Artificial Intelligence Technique

(51) International classification	:G06N0003040000, G06N0003080000, G07B0015020000, G06K0009620000, G08G0001096000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)N.Rajeswaran
Address of Applicant :Department of EEE Malla Reddy Engineering College Maisammaguda Secunderabad Telangana State India Telangana India
2)Dr.S.RAVICHAND
3)Dr TAVANAM VENKATA RAO
4)Dr. U. YEDUKONDALU
5)Mr. JAYA KUMAR A
6)Dr. KOTESWARARAO SEELAM
7)Dr.V.VIJAYASRI BOLISETTY
8)Dr.N.SATHEESH KUMAR
9)Dr. REKHARANI MADDULA
10)Dr. P. SIVA KUMAR
11)Mr.T.SUMAN
12)G K SIVASANKARA YADAV
13)Mr. AMANCHA THIRUPATHI
14)D.MAGDALENE DELIGHTA ANGELINE
15)KESAVA VAMSI KRISHNA V.
16)Dr.D.RAJA REDDY
17)Dr.MOORTHY VEERASAMY
18)Dr.P. MARIMUTHU
(72)**Name of Inventor :**
1)N.Rajeswaran
2)Dr.S.RAVICHAND
3)Dr TAVANAM VENKATA RAO
4)Dr. U. YEDUKONDALU
5)Mr. JAYA KUMAR A
6)Dr. KOTESWARARAO SEELAM
7)Dr.V.VIJAYASRI BOLISETTY
8)Dr.N.SATHEESH KUMAR
9)Dr. REKHARANI MADDULA
10)Dr. P. SIVA KUMAR
11)Mr.T.SUMAN
12)G K SIVASANKARA YADAV
13)Mr. AMANCHA THIRUPATHI
14)D.MAGDALENE DELIGHTA ANGELINE
15)KESAVA VAMSI KRISHNA V.
16)Dr.D.RAJA REDDY
17)Dr.MOORTHY VEERASAMY
18)Dr.P. MARIMUTHU

(57) Abstract :
This poses a big challenge for the regulators to be put in place for an effective system to enforce motorist to wear helmet. It is very difficult to increase the traffic personals as it will increase the cost to the government. Also the problem is with general public mindset, who is watching us Most of the Accidents are happening at early & late hours of the day, so most of the traffic personals & signal systems are shut down by that time. We need the help of AI to resolve the challenge in all the Dimensions (human interference, cost, accuracy, data retrieval & punish the violators). To address this challenge we have taken the help of AI deep learning based Convolution Neural Networks (CNN) to enforce the road safety to save innocent human lives from offensive drivers, where by implementing an automated enforcement system to identify and capture images of motorcyclists without wearing a helmet at signals and send it to a Traffic Control Center back-office to generate violation events and challans. The proposed approach has 98% accuracy compared to the existing AI techniques.

No. of Pages : 8 No. of Claims : 5

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details

APPLICATION NUMBER	202141040941
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/09/2021
APPLICANT NAME	1 . Dr.Tavanam Venkata Rao 2 . Mr.R.Jeyakumar 3 . Dr.Varkuti Kumara Swamy 4 . Dr.M.Ramesh Kumar 5 . Dr.M.Amutha 6 . Mr.Hari Hara P Kumar M 7 . Dr.Sushma Jaiswal 8 . Dr.S.Hasan Hussain 9 . Dr.S.Ravichandran 10 . Mr.Tarun Jaiswal
TITLE OF INVENTION	A SYSTEM FOR PREAMBLE DATA GENERATION AND ENCODING NESTED QR CODE AND METHOD THEREOF
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	rpsinco2014@hotmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	24/09/2021

Application Status

APPLICATION STATUS	Awaiting Request for Examination

View Documents

Filed → Published → RQ Filed → Under Examination → Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2021

(21) Application No.202141046100 A
(43) Publication Date : 05/11/2021

(54) Title of the invention : INTELLIGENT SYSTEM FOR AUTOMATIC HEEL ADJUSTMENT IN WOMEN SHOES USING IOT & DEEP LEARNING

(51) International classification	:G06N0003080000, H04L0029080000, G06F0016735000, H04N0005760000, H04N0021238700
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr. Syed Jahangir Badashah
Address of Applicant :Professor, Department of ECE, Sreenidhi Institute of Science and Technology, Hyderabad, Telangana, India ---------- ----------
2)Dr. Shaik Shafiulla Basha
3)Dr. B P Santosh Kumar
4)Dr. Punit Kumar Dwivedi
5)Dr. Jayalakshmi
6)Dr. P. Mohana
7)Dr. Shraddha Awasthi
8)Dr. Devesh Bathla
9)Mr. Dinkar Kumawat
10)Ms. Akanksha Gupta
11)Mr. Ankit Tyagi
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Dr. Syed Jahangir Badashah
Address of Applicant :Professor, Department of ECE, Sreenidhi Institute of Science and Technology, Hyderabad, Telangana, India ---------- ----------
2)Dr. Shaik Shafiulla Basha
Address of Applicant :Assistant Professor, Department of ECE, Y S R Engineering College of Yogi Vemana University, Proddutur, Andhra Pradesh, India ---------- ----------
3)Dr. B P Santosh Kumar
Address of Applicant :Assistant Professor, Department of ECE, Y S R Engineering College of Yogi Vemana University, Proddutur, Andhra Pradesh, India ---------- ----------
4)Dr. Punit Kumar Dwivedi
Address of Applicant :Professor & Group Director, Modern Institute of Professional Studies, Indore, Madhya Pradesh, India ---------- ----------
5)Dr. Jayalakshmi
Address of Applicant :Assistant Professor & Head, Department of Commerce, Chellammal Women's College, Chennai, India ---------- ----------
6)Dr. P. Mohana
Address of Applicant :HOD, Department of MAHRM, Madras School of Social Work, Egmore, Chennai, India ---------- ----------
7)Dr. Shraddha Awasthi
Address of Applicant :Associate Professor, Department: Chitkara Business School, Chitkara University, Punjab, India ---------- ----------
8)Dr. Devesh Bathla
Address of Applicant :Associate Professor, Department: Chitkara Business School, Chitkara University, Punjab, India ---------- ----------
9)Mr. Dinkar Kumawat
Address of Applicant :Assistant Professor, Department of Fashion & Design, SGT University, Gurugram, Haryana, India ---------- ----------
10)Ms. Akanksha Gupta
Address of Applicant :Academic Associate, Department of Fashion & Design, SGT University, Gurugram, Haryana, India ---------- ----------
11)Mr. Ankit Tyagi
Address of Applicant :Assistant Professor, Department of Mechanical Engineering, SGT University, Gurugram, Haryana, India ---------- ----------

(57) Abstract :
The present invention relates to Intelligent system for automatic heel adjustment in women shoes using IoT & deep learning. The objective of the present invention is to solve the problems in the prior art technologies related to automatic heel adjustment in shoes. The objective of the invention to present user controlled.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2021

(21) Application No.202141007441 A
(43) Publication Date : 26/02/2021

(54) Title of the invention : ENHANCED IMAGE COMPRESSION SYSTEM WITH PARALLELIZED BINARY SEARCH TREE OPTIMIZATION METHOD FOR MEDICAL IMAGES

(51) International classification	:G06T0009000000, G16H0010600000, H04N0019167000, H04N0019137000, H04N0019115000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Ms.Pavithra M
Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore, Tamil Nadu, India. Pin Code: 641659 Tamil Nadu India
2)Dr.Syed Jahangir Badashah
3)Dr.Tatiparti Padma
4)Mr.Sampath Dakshina Murthy Achanta
5)Dr.Prakash Kumar Sarangi
6)Ms.Ravula Divya
7)Dr.Rajesh Kumar Rai
8)Dr.Nazeer Shaik
9)Mrs.Binny.S
10)Dr.Shaik Bajidvali
(72)**Name of Inventor :**
1)Ms.Pavithra M
2)Dr.Syed Jahangir Badashah
3)Dr.Tatiparti Padma
4)Mr.Sampath Dakshina Murthy Achanta
5)Dr.Prakash Kumar Sarangi
6)Ms.Ravula Divya
7)Dr.Rajesh Kumar Rai
8)Dr.Nazeer Shaik
9)Mrs.Binny.S
10)Dr.Shaik Bajidvali

(57) Abstract :
In recent days, Medical Images transmission over the internet increased rapidly as they are most significant in disease diagnostics. The Electronic Health Care Systems mainly depends on the medical images which are stored in digital form and transmission over the internet from one practitioner to another practitioner, to the authorized user for analysis of disease. The Memory or size of the Medical Image to be stored or transferred over the internet effects the transmission time and bandwidth. The Image Compression is used on the medical Images to reduce the size of the image which intern reduces the storage space required to store the image. The irrelevant data from the medical image should be removed by keeping the significant data required is the major challenge in Medical Image compression. The present invention disclosed herein is Enhanced Image Compression System with Parallelized Binary Search Tree Optimization method for Medical Images comprising of: Input MR Image (201); Preprocessing (202); Segmentation (203); Optimization on ROI (204); Optimization on Non-ROI (205); Fused Image (206); Compressed Image (207); Decompressed Image (208); enhances the image compression system for medical images compression. The present invention disclosed herein can achieve the compression ratio of 93% for 0.5 bits per pixels and the Relative Data Redundancy is 98.9%.

No. of Pages : 17 No. of Claims : 9

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

सत्यमेव जयते

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141047283
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/10/2021
APPLICANT NAME	**1 . Arumugam Ranjith** **2 . Mr. Uttam Basu** **3 . Mr. Nandkishor Balu Gosavi** **4 . Dr. Yusuf Perwej** **5 . Mr. S G Nagaraju Valluri** **6 . Mr.Y. M. MAHABOOBJOHN** **7 . Dr. Rachit Garg** **8 . Mr. Keshav Kaushik** **9 . Dr.Harmandeep Singh Gill** **10 . Dr. Arun Kumar Pallathadka** **11 . Dr. Harikumar Pallathadka**
TITLE OF INVENTION	Anti-Theft system based on the Internet of Things (IoT) to monitor unusual movements.
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	aranjithece@gmail.com
ADDITIONAL-EMAIL (As Per Record)	anvarshathik@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	29/10/2021

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion
Ministry of Commerce & Industry
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202141046070
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/10/2021
APPLICANT NAME	1 . Dr VARKUTI KUMARA SWAMY 2 . Dr TAVANAM VENKATA RAO 3 . G.BHARATHI 4 . SAIKUMAR PUPPALA 5 . PRATHI NAVEENA 6 . MOHD HASHAM ALI 7 . ARSHAD MOHAMMED
TITLE OF INVENTION	IoT and Machine Learning based Navigation Device for Blind
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL E-MAIL (As Per Record)	arshad.ece202@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	12/11/2021
PUBLICATION DATE (U/S 11A)	05/11/2021
REPLY TO FER DATE	14/11/2022

Application Status	
APPLICATION STATUS	Reply Filed. Application in amended examination

View Documents

Filed → Published → RQ Filed → Under Examination → Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

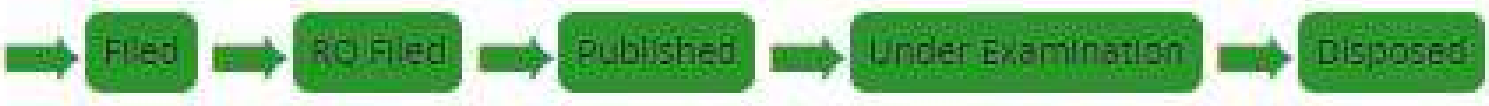
Application Details

APPLICATION NUMBER	202141004191
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/01/2021
APPLICANT NAME	1 . Koya Jeevan Reddy, Sreenidhi Institute of Science and Technology 2 . Vikas Pandey,Babu Banarasi Das University,Lucknow 3 . Shashikant,Babu Banarasi Das University, Lucknow 4 . Dr. J. S. Binoj,Sree Vidyanikethan Engineering College (Autonomous) 5 . Dr. Bharti Sharma,Maharaja Surajmal Institute of Technology 6 . Priya Dalal,Maharaja Surajmal Institute of Technology 7 . Mrs. G. Shyni,Edutancy Global Services 8 . Dr. A. Sagai Francis Britto,Rohini College of Engineering and Technology 9 . Dr. Binaya Patnaik 10 . Yusuf Durachman,State Islamic University of Syarif Hidayatullah Jakarta
TITLE OF INVENTION	DEVELOPMENT OF ARTIFICIAL INTELLIGENCE BASED TRAFFIC MANAGEMENT SYSTEM FOR EMERGENCY VEHICLES
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	jeevanreddyk@sreenidhi.edu.in
ADDITIONAL E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	31/01/2021
PUBLICATION DATE (U/S 11A)	05/02/2021

Application Status

APPLICATION STATUS	Abandoned U/s 21(1)

View Documents



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details

APPLICATION NUMBER	202141001081
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/01/2021
APPLICANT NAME	1 . Koya Jeevan Reddy,Sreenidhi Institute of Science and Technology 2 . Dr.Anand kumar,Shri Venkateshwara University 3 . Mrs. C. Sucharitha,Mahatma Gandhi Institute of Technology 4 . M. Shanmathi,Saveetha Engineering College 5 . Ruchi Yadav,Sharda University 6 . Dr. Sushma Jaiswal,CSIT, Guru Ghasidas Central University 7 . Dr. Narayan Dattatraya Totewad,B. K. Birla College of Arts, Science and Commerce (A) 8 . Dr. Ram D Isankar,Govt. Vidarbha Institute of science and Humanities 9 . Dr. Snehalkumar H Mistry,Bhagwan Mahavir College of Management, 10 . Selva Kumar S,B. M. S. College Of Engineering
TITLE OF INVENTION	IOT BASED AUTONOMOUS FLOOR DISINFECTING SMART UV ROBOTIC SYSTEM
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	jeevanreddys@sreenidhi.edu.in
ADDITIONAL E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	09/01/2021
PUBLICATION DATE (U/S 11A)	15/01/2021

Application Status

APPLICATION STATUS	Abandoned U/s 21(1)

View Documents

Filed → RQ Filed → Published → Under Examination → Disposed

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202221040803
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/07/2022
APPLICANT NAME	1 . Mr.Vijay Birchha 2 . Dr. Bhawna Nigam 3 . Dr. B. Mahavir 4 . Ms.Debasmita Saha 5 . Dr Meenakshi Duggal 6 . Dr.M.Thamizhsudar 7 . Dr. N.Ch. Sriman Narayana Iyengar
TITLE OF INVENTION	USING A GAN MODEL FOR HANDWRITING IMAGE RECOGNITION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vijaybirchha@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vijaybirchha@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/08/2022

Application Status	

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202241062141
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/11/2022
APPLICANT NAME	1 . Mr Goli Raja Ramesh 2 . Dr. D. Baswaraj 3 . Madhavi Udaybhan Shamkuwar 4 . Dr K Sreerama Murthy 5 . Mrs. B.Subhashree 6 . Dr. Sasmita Kumari Nayak 7 . Ms.M.Seeni Syed Raviyathu Ammal 8 . Dr. SIVAKUMAR R 9 . Mr.J Logeshwaran 10 . Dr. V.Kannan
TITLE OF INVENTION	Automatic detection and classification of eye disease using convolution neural network and image processing
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	orinnapatent@gmail.com
ADDITIONAL E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/11/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

View Documents

Filed → Published → RQ Filed → Under Examination → Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202211071592
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/12/2022
APPLICANT NAME	1 . Ms. Gurinder Kaur 2 . Shilpa Sharma 3 . Dr. Parminder Singh 4 . Dr. Kuldeep Prabhakarrao Pawar 5 . Dr. P. N. Siva Jyothi 6 . Dr. Sangeeta Jana Mukhopadhyay 7 . S.Usha Manjari 8 . Dr. Abhijit Das 9 . Nelli Sreevidya 10 . Koyyagura Nalini 11 . Satabdwi Sarkar
TITLE OF INVENTION	DEVELOPMENT OF AN INTELLIGENT LIBRARY MANAGEMENT SYSTEM FOR VIRTUAL TUTORIALS FOR MUSICAL INSTRUMENTS WITH FINGER TRACKING IN AUGMENTED REALITY USING ARTIFICIAL INTELLIGENCE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	patenpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patenpublication@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/12/2022

Application Status	

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202211074981
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/12/2022
APPLICANT NAME	1 . Major Dr.Sanjay Dhansing Chaudhary 2 . Dr. Alka 3 . P. Priya 4 . Yogesh Kumar Kushwah 5 . Vandana 6 . Mr. K.S. Guruprakash 7 . Ponnam Lalitha 8 . Dr. Sayantan Chakraborty 9 . Prathita Roy 10 . Rumrum Banerjee 11 . Udit Mamodiya
TITLE OF INVENTION	DEVELOPMENT OF AN INTELLIGENT TRANSISTOR SYSTEM FOR SMART CITIES TO PROVIDE COMMERCIAL PARKING SPACES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	patenpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/12/2022

Application Status	

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202241069534
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/12/2022
APPLICANT NAME	1 . Raghavendra S Chinchansoor 2 . Dr. Deepa 3 . Christina 4 . Dr. Ajoke Akinola 5 . Dr. Subba Rao Peram 6 . Dr. Nalini Kanta Sahoo, M.Pharm,Ph.D, Fsass 7 . Dr. Sayyed Mateen 8 . Mr. Imran Wahab Sayad* 9 . Dr. K Sreerama Murthy 10 . Mr. M Dhanaraju 11 . Dr. V. Kannan 12 . Mr. J Logeshwaran
TITLE OF INVENTION	DIAGNOSIS OF DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY AND MACHINE LEARNING APPROACH
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	cldcresearch@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	27/01/2023

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry.
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202241039335
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/07/2022
APPLICANT NAME	1 . Dr.K.Prabhavathi 2 . Prof. Shwetambari Pandurang Waghmare 3 . Dr. M. Kamalam 4 . Dr. N.Ch. Sriman Narayana Iyengar 5 . Dr. Manjula M. Hanchinal 6 . Mr. D.Balaji 7 . Mr. Utpal Saikia
TITLE OF INVENTION	Photoshop's blend modes for picture manipulation are mathematically magical
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	prabhavathik@bitsathy.ac.in
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/07/2022

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2022

(21) Application No.202241012152 A

(43) Publication Date : 25/03/2022

(54) Title of the invention : UNDERWATER ROBOT FOR UPROOTING PLANTS IN LAKES

(51) International classifcation :C02F0003320000, A01K0061100000, A01D0044000000, C02F0103000000, B25J0005000000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. SYED JAHANGIR BADASHAH
Address of Applicant :PROFESSOR IN ECE, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
2)Dr. P. VIKRAM
3)Dr. S P V SUBBA RAO
4)C SRI GOURI
5)E SHASHI BHANU
6)WASEEM AKRAM
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1) Dr. SYED JAHANGIR BADASHAH
Address of Applicant :PROFESSOR IN ECE, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
2)Dr. P. VIKRAM
Address of Applicant :ASSISTANT PROFESSOR IN ECE, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
3)Dr. S P V SUBBA RAO
Address of Applicant :PROFESSOR IN ECE, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
4)C SRI GOURI
Address of Applicant :III YEAR ECE STUDENT OF SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
5)E SHASHI BHANU
Address of Applicant :III YEAR ECE STUDENT OF SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------
6)WASEEM AKRAM
Address of Applicant :III YEAR ECE STUDENT OF SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, (AUTONOMOUS) YAMNAMPET, GHATKESAR, HYDERABAD, TELAGANA, INDIA 501301. ---------- ----------

(57) Abstract :
Most inland water bodies which are sources of freshwater for people and animals alike are filled with certain aquatic plants which in some cases consume the major portion of the water and also affect the marine fauna. These plants overgrow covering all areas of the lake and are generally destructive to biodiversity. Most inland water bodies are the major source of local freshwater supply. Keeping these water sources perennial is vital for the communities that depend on them. Manual clearing of vast areas of lake infested with such fast growing plants is both dangerous and time consuming. Application of robotics to this problem can prove effective. The robot presented here travels on underwater terrain with wheels. Differential drive mechanism is employed. This robot employs a hydraulic slotted link mechanism for clamping the plants and a vertical chain sprocket based conveyor mechanism for uprooting. The proposed robot consists of DC motor based differential drive mechanism for mobility. The robot has a chain sprocket based vertical conveyor mechanism that will uproot the clamped stem of the underwater plant. The robot moves from the ground into the water body. The robot submerges as the depth increases slowly. There is a threshold water level depth below which the robot does not go. If the water level depth is more than the fixed threshold height then the robot is not operated at those regions.

No. of Pages : 7 No. of Claims : 5

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

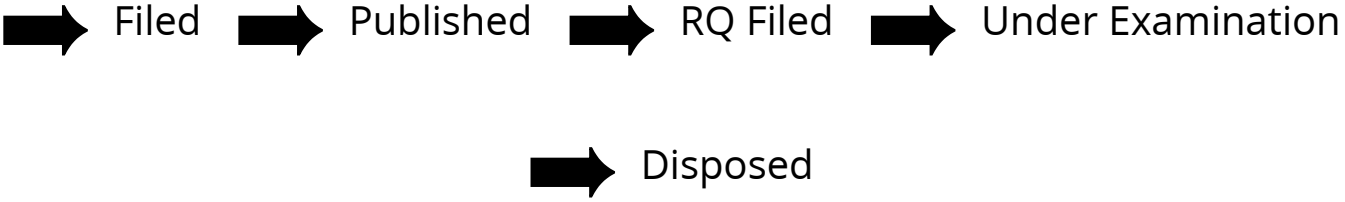
(http://ipindia.nic.in/index.htm)

(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202241043736
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/07/2022
APPLICANT NAME	Mr. SHRAVANKUMAR S MASALVAD
TITLE OF INVENTION	AN ENERGY DISSIPATING AND DOWNSTREAM EROSION RESISTING STRUCTURE
FIELD OF INVENTION	CIVIL
E-MAIL (As Per Record)	patents@eevatech.com
ADDITIONAL-EMAIL (As Per Record)	srinivas@eevatech.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	07/10/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

View Documents



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2022

(21) Application No.202241009073 A
(43) Publication Date : 04/03/2022

(54) Title of the invention : IOT BASED INFANT HEALTH MONITORING SYSTEM

(51) International classification	:A61B0005000000, A61B0005145500, A61B0005110000, A61B0005024000, A61M0016060000
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)THIYAGARAJAN ANITHA
Address of Applicant :Assistant Professor, Department of Science and Humanities, Sri Krishna College of Engineering and Technology ---------- ----------
2)Dr.P.Ramkumar, Kalasalingam Academy of Research and Education (Kalasalingam Deemed to be University)
3)Dr.V.Sathish Kumar, Government College of Engineering
4)Dr.K.Kannan, Sreenidhi Institute of Science and Technology
5)Dr.C.Rajendran, Sri Krishna College of Engineering and Technology
6)Dr.T.J.Nagalakshmi, Saveetha School of Engineering
7)Ms.R.Mamatha, Government S K S J T Institute
8)Dr.Harpreet Kaur, Sant Baba Bhag Singh University
9)Er.Harjit Kaur, Sant Baba Bhag Singh University
10)Ms.G.Deena, SRM Institute of Science and Technology
11)Dr.N.Suganthi, SRM Institute of Science and Technology
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)THIYAGARAJAN ANITHA
Address of Applicant :Assistant Professor, Department of Science and Humanities, Sri Krishna College of Engineering and Technology ---------- ----------
2)Dr.P.Ramkumar, Kalasalingam Academy of Research and Education (Kalasalingam Deemed to be University)
Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Kalasalingam Academy of Research and Education (Kalasalingam Deemed to be University), Anand Nagar, Krishnankoil – 626126, Virudhunagar District, Tamilnadu. rkmailmech@gmail.com ---------- ----------
3)Dr.V.Sathish Kumar, Government College of Engineering
Address of Applicant :Assistant Professor, Department of Civil Engineering, Government College of Engineering, Dharmapuri – 636704. aspro_sathish@hotmail.com ---------- ----------
4)Dr.K.Kannan, Sreenidhi Institute of Science and Technology
Address of Applicant :Associate Professor, Department of Electrical and Electronics Engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad – 501301 kannankmeped@gmail.com ---------- ----------
5)Dr.C.Rajendran, Sri Krishna College of Engineering and Technology
Address of Applicant :Associate Professor, Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore - 641008, crdrn12@gmail.com ---------- ----------
6)Dr.T.J.Nagalakshmi, Saveetha School of Engineering
Address of Applicant :Associate Professor, Department of Electronics and Communication Engineering, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, Tamilnadu, t.j.nagalakshmi@gmail.com ---------- ----------
7)Ms.R.Mamatha, Government S K S J T Institute
Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, Government S K S J T Institute, K.R.Circle, Bangalore – 560001 Karnataka mamathasairam@gmail.com ---------- ----------
8)Dr.Harpreet Kaur, Sant Baba Bhag Singh University
Address of Applicant :Associate Professor, Department of Computer Science and Engineering, Sant Baba Bhag Singh University, Padhiana, Distt. Jalandhar, Punjab, drharpreetarora81@gmail.com ---------- ----------
9)Er.Harjit Kaur, Sant Baba Bhag Singh University
Address of Applicant :Assistant Professor, Computer Science and Applications, Sant Baba Bhag Singh University, Padhiana, Distt. Jalandhar Punjab, Harjitkaur.heer83@gmail.com ---------- ----------
10)Ms.G.Deena, SRM Institute of Science and Technology
Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai – 600089 Tamilnadu deenag@srmist.edu.in ---------- ----------
11)Dr.N.Suganthi, SRM Institute of Science and Technology
Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai – 600089 Tamilnadu suganthn@srmist.edu.in ---------- ----------

(57) Abstract :
This invention provides a wearable sensor device for monitoring health of an infant using wireless sensor systems. A sensing module for gathering health data from a patient, the sensing module comprising: a body and an arm extending away from the body, and a pulse oximeter sensor disposed longitudinally upon the arm of the sensing module; a sock that is configured to removably hold the sensing module, the sock comprising: a pocket configured to removably hold at least a portion of the sensing module, and an alignment feature configured to guide the arm of the sensing module such that the pulse oximeter sensor disposed upon the arm is configured to be held in close contact with the patient; a processing unit configured to execute computer-readable instructions that when executed cause the wearable sensor system to: receive from the pulse oximeter sensor at least a blood-oxygen level of the patient; identify a particular alarm level based upon a health reading relating to the blood-oxygen level of the patient; elevate the particular alarm level to a higher alarm level based upon a reading received from an accelerometer that indicates an attribute of the patient other than blood-oxygen level, wherein the particular attribute comprises an indication that the patient is in a particular position; and trigger an alarm alert at the higher alarm level.

No. of Pages : 12 No. of Claims : 3

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

(http://ipindia.nic.in/index.htm)

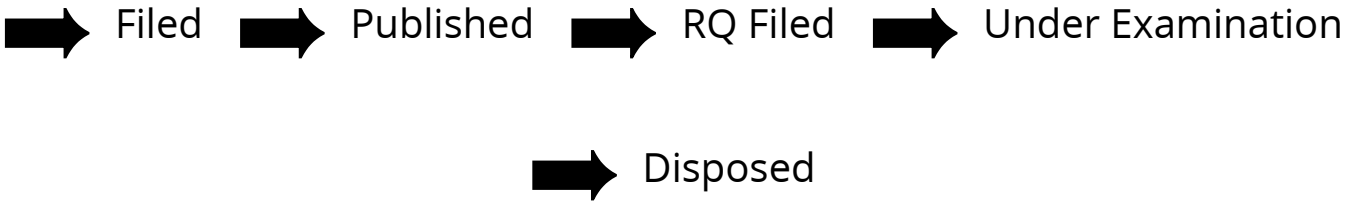
(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202241015306
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/03/2022
APPLICANT NAME	1 . Dr Syed Jahangir Badashah 2 . Dr Shaik. Shafiulla Basha 3 . Dr.Chinmaya Ranjan Pattanaik 4 . Rashmi Bakhtiani 5 . Ankit Agarwal 6 . Lipsa Das 7 . Dr.G.Venkatakotireddy 8 . Ms Mani Dublish 9 . Mrs. Atiya Irfan Shaikh 10 . Dr. Sudheer S Marar
TITLE OF INVENTION	SYSTEM FOR DIGITAL CRIMINAL INVESTIGATION BASED ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/03/2022

Application Status

APPLICATION STATUS	Awaiting Request for Examination

View Documents



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 199

Bezeichnung:
Ein verbessertes System zum Auffinden von Videos

IPC:
G06V 10/70

Inhaber/Inhaberin:
Ahmed, Syed Thouheed, Bengaluru, Karnataka, IN
Basha, Syed Muzamil, Chittor, AP, IN
Guptha, Nimala Sapthagiri, Bangalore, Karnataka, IN
Iyengar, Nallani Chackravartula Sriman Narayana, Hyderabad, Telangana, IN
Poluru, Ravi Kumar, Nizampet, Telangana, IN
Seetharaman, Sreedhar Kumar, Bangalore, Karnataka, IN
Tikotikar, Ahelam Mainoddin, Vijayapura, Karnataka, IN
Varasree, Boga, Hyderabad, Telangana, IN
Venkataramana, Prathima, Bangalore, Karnataka, IN

Tag der Anmeldung:
14.01.2022

Tag der Eintragung:
25.01.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 25.01.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.