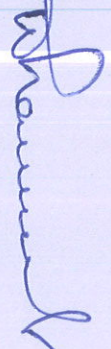
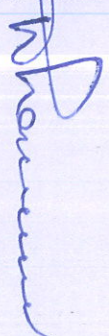


19	CSE	Aastha Suri , Muskan Rathore , Deepika Kumar , Aakansha , Shivangi Raghav	An Ensemble Learning Approach for Classifying illicit Transactions in Bitcoin	3rd International Conference on Technological Advancements in Computational Sciences IndiaCom 2024	DOI: 10.1109/ICTACSS59847.2023.10390133 https://doi.org/10.23919/INDIACom61295.2024.10498772	Scopus Conference
20	CSE	Srishti Vashishtha, Rachna Narula, Poonam Choudhary	Classification of Musical Instruments' Sound using KNN and CNN	IEEE Institute of Electrical and Electronics Engineers	https://doi.org/10.1109/ICCSAIS59793.2023.10421289	Scopus Conference
21	CSE	Sumit Sahag, Aarti	Steganography and its Feasible Approaches for Computer Network Security	IEEE Institute of Electrical and Electronics Engineers	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
22	CSE	Aarti, sumit srahg	Paradigmatic Approaches for Network Security and Preventing Intrusions	IEEE Institute of Electrical and Electronics Engineers	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
23	CSE	Robit Kumar Saichan, Muskan Rathore, Jolly Parikh, Raehna Jain, Bhavuk Khanna, Anantha Devi	Assessment of Different Optimizers on Recurrent Neural Networks For Electrocardiogram (ECG) Classification	INTERNATIONAL CONFERENCE ON INTELLIGENT AND SMART COMPUTATION (ICIASC 2023) 11th International conference on computing for sustainable development (INDIA COM 2023)	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
24	CSE	Sakshi Gupta, Rishit Singh, Jolly Parikh, Yagnanda Puri, Ridham Vashishtha	An Amalgamation of Machine Learning and Embedded Systems for Smart Street Lighting systems	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
25	CSE	Anjali Sharma, Amushka Dahiya, Dhruv Rastogi, Preeti Mahajan and P. Negrath	Liver disease detection using machine learning methods	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
26	CSE	Sriti Jha, Vaibhav Sangwan, Sankeet Bahani, Preeti Negrath, and Dharmender Saini, 2024;	Optimizing CPU Resources: A Deep Learning Approach for Usage Forecasting in Cloud Environments;	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
27	ECE	Monica Gupta, Ruchi Jha, Ruchika Kumari, Manisha, Ankit Kumar Singh	Evaluating Sense Amplifier Performance In SRAM Circuits	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
28	ECE	Laksh Ganhbir, Yagnanda	Flat Feet Diagnosis Tool Through Photogrammetry And Image Processing Aided By Machine Learning Models	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
29	ECE	Jyoti Gupta, Tarun Agrawal; Prabhishkek Singh; Manoj Diwakar	Optical Biosensor For Early Diagnosis Of Cancer	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
30	ECE	Monica Gupta, ,riti Gupta, Monica Bhutani	Design Of Low Power And Energy Efficient Write Driver With Bitline Leakage Compensation For SRAM	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
31	ECE	Shikha, Neeta pandey, Kriti Gupta	Realization Of Positive Feedback Source Coupled Logic Even Parity Generator/Checker	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
32	ECE	Sakshi Gupta, Rishit Singh, Dr. Jolly Parikh, Dr Yagnanda Puri, Ridham Vashishth	An Amalgamation Of Machine Learning And Embedded Systems For Smart Street Lighting Systems	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
33	ECE	Jyoti Parikh, Saji M Antony, Keatanaa Jain, Naman Tera Neta	Hybrid Model Approches Towards Movie Recommendation Systems And Their Comparisons	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
34	ECE	Udit Kumar Mishra, Sarthak Saha, Tushar Gupta, Vishnu Tomar, Mihika Mahendra, Ashu Soni	Performance Evaluation Of OTA Based Fractional Order Oscillator	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
35	ECE	Manoj Sharma, A Choudhary, N Sharma, M Kumar	Comparative Analysis Of Memristor- Inspired Digital Logic Circuits	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
36	ECE	Shikha, Neeta Pandey, Kriti Gupta	3-Bit Positive Feedback Source Coupled Logic Linear Feedback Shift Register	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
37	IT	Shashi Bhushan Kumar, Vansu, Vinay Singh, Sunam Kumar, Shashi Gandhar, Mohit Tiwari & Prakar N. K. Singh	An Improved Design Of Circularly Polarized Microstrip Antenna For 5g Communication	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
38	IT	Neeti Singh, Mohammad Shah, Priya Iha, Pooja, N. K. Singh	Automated Speed Breaker System Using Iovt Generated Data For Electric Vehicle Using Machine Learning	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
39	IT	Arun Kumar Dubey, Achin Jain	Uret Segmentation Based Effective Skin Lesion Detection	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference
40	IT	Arun Kumar Dubey, Achin Jain	Optimizing Emotion Recognition Through Weighted Averaging In Deep Learning Ensembles	IEEE Proceedings of the 5th International Conference on Information Technology (ICIT-23), Coimbatore, India	https://doi.org/10.1109/ICCSAIS59793.2023.10421384	Scopus Conference


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41	IT	Paras Khatenrai, Arud Mahesh Kumar, Neelam Negpal, Neelam	Short-Term Electricity Load Forecasting Using Modified Hidden Markov Model	International Conference On Renewable Power For Sustainable	https://link.springer.com/chapter/10.1007/978-981-99-6749-0_4	Scopus Conference
42	IT	Sachin Saharwal, Ajay Dureja, Aman Dureja, Varun Kumar	Efficient Realiing: Future Aspects Of Artificial Intelligence	International Conference On Multidisciplinary Research In I	Paper Accepted And Presented	Scopus Conference
43	IT	Jyoti Agarwal, Shelly Gupta, Neha Sharma And Mahesh Manchanda	A Cnn Method Based Predictive Model For Tomato Leaf Disease Prediction	3rd International Conference On Technological Advancements In	Doi: 10.1109/Iceass59847.2023	Scopus Conference
44	IT	Amragn Tuleja, Sumit Bathia, Pallav Jain, Utkarsh Garg, Aman Dureja & Ajay Dureja	Dog Breed Identification Using Deep Learning	International Conference On Data Analytics & Management - 2023	10.1007/978-981-99-6544-1_39	Scopus Conference
45	IT	Ravi Arora, Dr Swar Prasad, Dr Arvind Rehailia	Analysis Of Social Media For Stress And Anxiety Detection	Iccicm-2023	Paper Accepted And Presented	Scopus Conference
46	IT	Neha Gupta, Saria Yadav, Shikha Rastogi, Devansh Verma	Covid Identification With Chest X-Ray Image Classification Using Convolution Neural Network	International Advanced Computing Conference	10.1007/978-3-031-35641-4_34	Scopus Conference
47	IT	Arun Kumar Dubey, Achin Jain	Weighted Average Based Ensemble Methods For Emotion Recognition Using Vgg16 And Vgg19	2nd International Conference On Communication, Security And Artificial	Paper Accepted And Presented	Scopus Conference
48	IT	Manik Saharwal, Aman Sinha, Dhruv Gupta, Payal Malik,	Impact Of Backbone Architectures And Loss Functions On U-Net Models For Brain Tumor Segmentation: A	IC3 2023: 2023 Fifteenth International Conference On Contemporary	https://doi.org/10.1145/3607947.3608297	Scopus Conference
49	IT	Payal Malik, Ajay Dureja, Aman Dureja, Rajkumar Singh Rathor, Nisha Malhotra	Deep Learning-Based Detection Of Intracranial Hemorrhage	International Conference On Machine Learning And Data Engineering	Paper Accepted And Presented	Scopus Conference
50	IT	Neetu Singh, D Ritu	Intrusion Detection System For Smart Vehicles Using Machine Learning Algorithms	Intrusion Detection System For Smart Vehicles Using Machine Learning	Paper Accepted And Presented	Scopus Conference
51	IT	Arvind Rehailia	Real-Time Hospital Bed Information System During Pandemic Situation	Iccisa, Bengaluru, Icc Explore	Doi: 10.1109/Cicss59740.2023.00023	Scopus Conference
52	IT	Arvind Rehailia	Prediction Of Autism Spectrum Disorder Using Am And Cnn	(Iccas), Tashkent, Uzbekistan,	10.1109/Iccas59847.2023.10390530	Scopus Conference
53	IT	Arvind Rehailia	Instant Health Monitoring System For Epidemic	(Iccas), Tashkent, Uzbekistan,	10.1109/Iccas59847.2023.10390092	Scopus Conference
54	IT	Prabhav Sanga, Jaskaran Singh, Prakhar Prasadarsi	Unmasking Depression Via Attention-Modulated Text Analysis Using Deep Learning	2023 International Conference On Communication, Security And Artificial	10.1109/Iccas59793.2023.10421176	Scopus Conference
55	IT	Prabhav Sanga, Jaskaran Singh, Prakhar Prasadarsi	Unmasking Depression Via Attention-Modulated Text Analysis Using Deep Learning	2023 International Conference On Communication, Security And Artificial	10.1109/Iccas59793.2023.10421176	Scopus Conference
56	EEEE	Abhishek Gaudhar, A. Panwar, V. Varma, H. Rawat, S. Pant, P. Shashi Gaudhar	Simulation of D-Type (Duties) Vertical Axis Wind Turbine Using Q-Blade.	Recent Developments in Energy and Environmental Engineering, TRACE	10.1007/978-981-99-1388-6_35	Scopus Conference
57	EEEE	R. Nuthakki, A. Aamcen, N. Kumar, Shalabi Kumar Mishra	Traffic Signal Recognition System using Deep Learning	"Sustainable Emerging Innovations in Engineering and Technology"	10.1109/Icseiet58677.2023.103030360	Scopus Conference
58	EEEE	Sukanya Deshanukhya, Shalabi Kumar Mishra, Bhawna Agerwal	Design and Realization of Fractional-order VM Biquad Filter using CFA	International Conference on "Computer, Electronics & Electrical Engineering & Intelligent Systems"	10.1109/Ic2e357697.2023.10262486	Scopus Conference
59	Applied Sciences	Dr. Saurabh Singh	Investigation of Dielectric and Electrical Behaviour of Y2Ti2O7 Pyrochlore	2nd International Conference On Advanced Functional Materials and Nano Technological Conference On	https://doi.org/10.1007/978-981-99-6766-7_21	Scopus Conference
60	Applied Sciences	Dr. Saurabh Singh	Triboology of Spray Formed Aluminium-Based Materials	2nd International Conference On Advanced Functional Materials and Nano Technological Conference On	https://doi.org/10.1007/978-981-99-6766-7_15	Scopus Conference
61	Applied Sciences	Dr. Vandita Sharma	A Robust Design of Voice Recognition and Gesture Control Solar Powered Smart Wheelchair	International Conference on Recent Advances in Smart Energy Systems & Intelligent Automation/IRASIESIA		Scopus Conference
62	Applied Sciences	Dr. Charu Arora	Eclipse Assessment using Distributed Gradient Boosted Decision Tree specific Machine Learning Model	Accepted in Springer LNNS		Scopus Conference

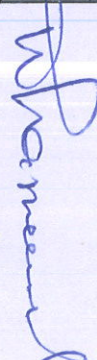

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63	Applied Sciences	Dr. Charu Anora	An Intelligent Blood Cancer Detection Model using machine Learning Prototype	Accepted in Springer LNNS		Scopus Conference
64	Applied Science	Dr. Arni Sharma	A Proton Transfer Study using Density Functional Theory	ICC 2023		Scopus Conference
65	Applied Science	Dr. Ashu Soni	Performance Evaluation of OTA based Fractional Order Oscillator	ARET 2024		Scopus Conference
66	Applied Science	Ashima Arora	Deep Learning in Motion: Advancements and Applications in Traffic Flow Prediction	International Conference on Advances in Computing, Communication and Intelligent Systems (ICACSIS) Hyderabad, India-2024		Scopus Conference
67	Applied Sciences	Dr. Pridugu Trisandhya et al.	"Multimodal machine learning approach for detecting spyware and ransomware"	International Conference on Recent Advances in Intelligent Systems for Cybersecurity (ICRAIS) Chennai, India-2024		Scopus Conference
68	Applied Science	Saurabh Kr. Agrawal, Lalit Batra, Saurabh Singh	Nonlinear control technique for Synchronization of chaotic systems	International Conference on Recent Advances in Engineering and Technology (ICRAET) 2024		Scopus Conference
69	Applied Science	Dr. Saurabh Kr. Agrawal	Polymer And Other Advance Materials: Emerging Technologies And Perspective	Developments in Engineering and Technology (ICDET) 2024		Scopus Conference
70	Applied Sciences	Dr. Rupali Pandey	Evaluating Machine Learning and Deep Learning Approaches in IoT Intrusion Detection Systems: A Comparative Study of Performance and Scalability	International Conference on Intelligent Computing and Communication (IC3) 2024		Scopus Conference
71	Applied Sciences	Dr. Ritika Chauhan	Integrating Deep Learning Techniques for Predicting Depression from Social Media Data	International Conference on Intelligent Computing and Communication (IC3) 2024		Scopus Conference
72	Applied Science	Ranjana Mishra, Praveen Kumar Dwivedi	Nonlinear control technique for Synchronization of chaotic systems	International Conference on Recent Advances in Engineering and Technology (ICRAET) 2024		Scopus Conference
73	Applied Science	Ranjana Mishra, Praveen Kumar Dwivedi	Polymer And Other Advance Materials: Emerging Technologies And Perspective	International Conference on Recent Advances in Engineering and Technology (ICRAET) 2024		Scopus Conference
74	ICE	Dr. Arati Kane	Modeling of Thermoelectric Module for Generating Power	2023 International Conference on Computer, Electronics & Electrical Technology (ICCEET) 2024	http://dx.doi.org/10.1109/ICEE357697.2023.10262477	Scopus Conference
75	ICE	Dr. Arati Kane	Impacts of Electrical Vehicles in Smart Transportation System	SIGMA A23	Presented Paper	Scopus Conference
76	ICE	Dr. Arati Kane	Comparative Analysis of Machine Learning Models for Solar Power Prediction Using Time Series Weather Data	IEEE ICPEICES 2024	Presented Paper	Scopus Conference
77	ICE	Dr. Arati Kane, Mr. Manish Talwar	Performance of Solar Photovoltaic System under Partial Shading Conditions using an Improved Cuckoo Search	ICPE-2023 International Conference Organized by NIT Jalandhar on 10-12	http://doi.org/10.1007/978-981-992-8343-8_9	Scopus Conference
78	ICE	Dr. Arati Kane, Mr. Manish Talwar	IoT based smart plant Monitoring system	ICPE-2023 International Conference Organized by NIT Jalandhar on 10-12	http://doi.org/10.1007/978-981-992-8343-8_9	Scopus Conference
79	ICE	Dr. Sangeeta Gupta, Dr Saket Gupta	"A Robust Design of Voice Recognition and Gesture Control Solar Powered Smart Wheelchair"	"Recent Advances in Smart Energy Systems & Intelligent Automation"	Presented Paper	Scopus Conference
80	ICE	Dr. Sangeeta Gupta, Ms. Ritambhara Katoch	Green House Monitoring and control using cloud Computing	"Recent Advances in Smart Energy Systems & Intelligent Automation"	Presented Paper	Scopus Conference
81	Applied Science	Dr. Karishal Sharma	Organic Farming: Opportunities, Challenges and Educational Support	A Sustainable Food Future: Organic Farming and Food Processing		Scopus Conference
82	Applied Science	Dr. Animesha Preetam	Metal Complexes of Ambroxol	Integrative Chemical Science for Health and Environment-2023		Scopus Conference

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S.NO	Dept.	Authors	Title of Published Article	Name of the Journal	DOI	Indexing
1	CSE	Sarika Tanwar, Roopa Balavenu, Ramesha H. H., Mohit Tiwari, K. K. Ramachandran, Dilip Kumar Jang Bahadur Saini;	Applied Cryptography in Banking and Financial Services for Data Protection	Computer Science Engineering and Emerging Technologies (ICCS-2022), 6th International Conference on Computing Sciences	http://dx.doi.org/10.1201/9781003405580-10	Other Conference
2	CSE	Ashutosh Singh, Deepak Virmam; Nizar Kulkarni, Mohit Tiwari; Geetha Manoharan, Joel Alanya-Beltran;	The Emerging Role and Application of Adopting Revolutionary Internet of Things (IoT) for Future Technology Sustainability	Computer Science Engineering and Emerging Technologies (ICCS-2022), 6th International Conference on Computing Sciences	http://dx.doi.org/10.1201/9781003405580-17	Other Conference
3	CSE	Shaharwanji Ahamed; A. B. Mishra; K. S. Raghunram; Mohit Tiwari; Y. Md. Riyazuddin; Joel Alanya-Beltran;	Applications of Internet of Things (IoT) in Maintaining Privacy and Security of Smart Cities	Computer Science Engineering and Emerging Technologies (ICCS-2022), 6th International Conference on Computing Sciences	http://dx.doi.org/10.1201/9781003405580-30	Other Conference
4	CSE	Pankaj Agarwal; Abolfazl Mehbodinya; Julian L. Webber; Radha Raman Chandan; Mohit Tiwari; Dhritaj Kapila;	Machine Learning-based Cloud Optimization System	Computer Science Engineering and Emerging Technologies (ICCS-2022), 6th International Conference on Computing Sciences	http://dx.doi.org/10.1201/9781003405580-111	Other Conference


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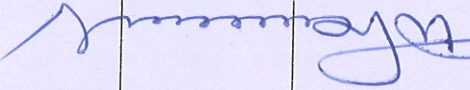
S. No.	Student/Faculty Name	Department	DATE of Filing	Application Number	TITLE OF INVENTION	Current status (File d/Publishe d/Grant)	Date of Publication/Grant	Country
1	PAYAL MALIK	IT	11/09/20	2023410 60909	IOT ENABLED SMART AGRO-SPRAYER USING SOLAR ENERGY	PUBLISHED	06/10/2023	INDIAN
2	ALKA LEEKHA	IT	09/05/20	2023110 32580	SYSTEM AND OBJECT DETECTION THROUGH REAL-TIME VIDEO CONTENT	GRANTED	20/06/2024	INDIAN
3	ARVIND REHALIA	IT	03/06/20	387562-001	GLUCOSE MONITORING DEVICE	GRANTED	03/08/2023	INDIAN
4	ARVIND REHALIA	IT	07/07/20	389799-001	ELECTRIC MOTOR FOR VEHICLE	GRANTED	12/09/2023	INDIAN
5	ARVIND REHALIA	IT	08/10/20	2018110 38024	ANOVAT NAVIGATION SYSTEM FOR VISUALLY IMPAIRED AND/OR DEAF PERSON.	GRANTED	08/03/2024	INDIAN
6	ACHIN JAIN, ARUN K DUBEY	IT	16/11/20	400064-001	IOT AND MACHINE LEARNING BASED SMART HEALTHCARE DEVICE	GRANTED	10/01/2024	INDIAN
7	AJAY DUREJA, MAHESH KUMAR, SURINDE R KAUR	IT	23/02/20	2023410 60909	METHOD AND DYNAMIC SYSTEM FOR RESOURCE ALLOCATION AND OPTIMIZATION IN IOT NETWORKS USING HEURISTIC	PUBLISHED	08/03/2024	INDIAN

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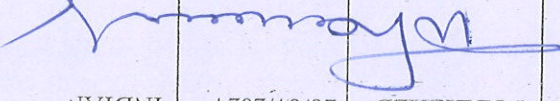
16	MOHIT TIWARI	CSE	21/06/20	388724-001	WIRELESS MESSENGER	GRANTED	31/8/2023	INDIAN
17	MOHIT TIWARI	CSE	09/07/20	20 2023 103 820	ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY BASED SYSTEM FOR ENHANCING FINANCIAL REPORTING QUALITY AND RELATIONSHIP BETWEEN AUDITORS AND CLIENTS.	GRANTED	19/09/2023	GERMANY
18	MOHIT TIWARI	CSE	28/06/20	389158-001	CLOUD COMPUTING DEVICE FOR DATA ANALYSIS AND MANAGEMENT	GRANTED	24/11/2023	INDIAN
19	JOLLY PARKH, YUGMAN DA, GARGI	CSE, ECE	03/07/20	409621-001	IOT BASED MEDICATION DISPENSER	GRANTED	05/02/2024	INDIAN
20	JYOTI GUPTA	ECE	16/05/20	2024410 38608	SOLAR DRYER FOR AGRICULTURAL HARVEST USING HYBRID PHOTOVOLTAIC THERMAL COLLECTOR	PUBLISHED	24/05/2024	INDIAN
21	SHIKHA	ECE	18/05/20	0244103 9119	AI-ENHANCED EV CHARGING CONNECTIVITY FOR SUSTAINABLE TRANSPORT	PUBLISHED	31/05/2024	INDIAN

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22	PRIVANK A GUPTA	ECE	18/05/20	24	2024410 .39118	BATTERY SWAPPING STATION WITH AI INTEGRATION FOR ELECTRIC VEHICLES	PUBLISHED	31/05/2024	INDIAN
23	ABHISHE K GANDHA R, SHASHI GANDHA R, S B KUMAR.	EEE, ECE	23/11/20	23	400522- 001	CHARGING STATION FOR ELECTRIC VEHICLE	GRANTED	19/01/24	INDIAN
24	DEEPIKA YADAV	CSE	24/07/20	23	2023110 49827	INTELLIGENT CROP DISEASE DETECTION AND DIAGNOSIS SYSTEM USING MACHINE LEARNING ALGORITHMS	PUBLISHED	11/08/2023	INDIAN
25	DEEPIKA YADAV	CSE	24/07/20	23	2023110 49788	INTEGRATIVE MULTIMODAL MACHINE LEARNING SYSTEM FOR EARLY DISEASE DETECTION AND PERSONALIZED TREATMENT	PUBLISHED	11/08/2023	INDIAN
26	SRISHTI VASHISH THA	CSE	25/04/20	24	414774- 001	MEDICINE DELIVERY DRONE	PUBLISHED	8/7/2024	INDIAN
27	SRISHTI VASHISH THA	CSE	13/02/20	24	407316- 001	ARTIFICIAL INTELLIGENCE BASED UNDERWATER DRONE	PUBLISHED	26/07/2024	INDIAN

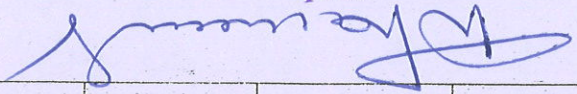
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28	MANOJ SHARMA	ECE	06/07/20	2018110	25283	MODULAR AND HIERARCHICAL DESIGN TECHNIQUE FOR PROGRAMMABLE PRIORITY ENCODERS	INDIAN	29/12/2023	GRANTED
29	NEERAJ KUMAR	EEE	15/03/20	2022110	14016	AUTO FIRE EXTINGUISHING SUIT	INDIAN	12/01/2024	PUBLISHED
30	SANDEEP BANERJEE	EEE	20/09/20	2023110	63017	SYSTEM BASED ON PHASE-SHORT AND PHASE-OPEN DFM-DC TOPOLOGY FOR SIMPLIFIED CONTROL WITH REDUCED CONVERTER	INDIAN	04/09/2024	PUBLISHED

Published : 11
 Grambled : 19

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Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 9th day of May 2025 and on the same day in every year thereafter.

नियम - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, तो इसे 2025 के मई माह के 9^{वें} दिनांक पर और उसके बाद हर वर्ष के 9^{वें} दिनांक पर देना होगा।

Controller of Patents
422 Patents

(Signature)
Date of Grant : 20/06/2024



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(Signature)

It is hereby certified that a patent has been granted to the patentee for an invention entitled **SYSTEM AND METHOD FOR OBJECT DETECTION THROUGH REAL-TIME VIDEO CONTENT ANALYSIS** as disclosed in the above mentioned application for the term of 20 years from the 9th day of May 2023 in accordance with the provisions of the Patents Act, 1970.

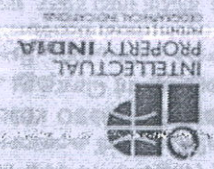
यहाँ पर प्रमाणित किया जाता है कि पेटेंट की, उपरोक्त आवेदन में प्रकाशित **SYSTEM AND METHOD FOR OBJECT DETECTION THROUGH REAL-TIME VIDEO CONTENT ANALYSIS** नामक आविष्कार के लिए, पेटेंट आवेदन, 1970 के उपबंधों के अनुसार आज तारीख मई 2023 के नौवें दिन से बीस वर्ष की अवधि के लिए प्रदान किया गया है।

पेटेंट का पालन करने वाले आविष्कारकर्ता
1 ALKA LEEKHA 2 CHEHAK JONEJA 3 SHOURYA DUA
4 YASH MANGLIK

पेटेंट नं. / Patent No. : 542380
आवेदन नं. / Application No. : 202311032580
पेटेंट करने की तारीख / Date of Filing : 09/05/2023

पेटेंट प्रमाणपत्र | Patent Certificate
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 design to GLUCOSE MONITORING DEVICE in the name of 1. Sanjeev Sanyal 2. Rohit
 Kumar Sanyal 3. Anjali Kumar Singh 4. Arvind Rehalla.
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 In pursuance of and subject to the provisions of the Designs Act, 2000 and the
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भारतीय पेटेंट, डिजाइन और ट्रेड मार्क
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दिनांक: 03/08/2023
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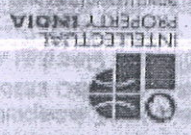
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 In pursuance of and subject to the provisions of the Designs Act, 2000 and the
 Designs Rules, 2001.

डिजाइन नं. / Design No. : 387562-001
 दिनांक / Date : 03/08/2023
 भारतीय पेटेंट, डिजाइन और ट्रेड मार्क का प्रांत / Country

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मूल / Serial No. : 141669
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1	CSE	Charanya Pandey, Niya Nagpal, Rahul Khurana, Preeti Nagrah	Combating Women's Health Issues with Machine Learning	Learning Approaches in Endometrial Cancer	CRC press, taylor and Francis	Book/Book Chapter
2	CSE	Mayank Singhal, Manan Pruthi, Nivedita Singhal, Preeti Nagrah, Raehna Jain, Ashish Kumar	Edge AI in Healthcare	deep-learning algorithms for stroke prediction	CRC press, taylor and Francis	Book/Book Chapter
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4	CSE	Dr. Nikhil Patilwal, Dr. S. Hemlatha, Prince Soodi, Mohit Tiwari	Role of Blockchain in Wireless Communication System (Book)	Bookscieintic Publishing		Book
5	CSE	G. Balakrishna, Abdul Hannan Abdul Mannan Shaikh, Mohit Tiwari, Angel Latha Mary S, Deepak K.	Artificial Intelligence and Nanotechnology in Biosensors (Book Chapter)	IGI Global		Book/Book Chapter
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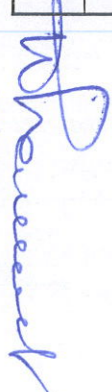
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