



Australian Government

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021103994

The Commissioner of Patents has granted the above patent on 25 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

J Alamelu Mangai of Presidency University, Yelahanka, Bangalore, 560064, Bengaluru, Karnataka, 560064, India

S Appavu alias Balamurugan of 82/1 Arulananda Ammal Nagar Thanjavur Tamil Nadu 613007 India

Joel Rego of 301, Prakruti Srikanta Apartments, Paramahansa Road, Yadavagiri Mysore 570020 India

Title of invention:

An Ensemble Based Machine Learning System and Method for Predicting the level of Biological Oxygen Demand in River Water

Name of inventor(s):

Mangai, J Alamelu; Balamurugan, S Appavu alias and Rego, Joel

Term of Patent:

Eight years from 9 July 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 25th day of August 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.





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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021104361

The Commissioner of Patents has granted the above patent on 13 October 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

S. Pravinth Raja of Associate Professor Department of CSE, Presidency University Yelahanka Bangalore Karnataka Indonesia

C. Kalaiarasan of Associate Dean- Admin Department of CSE, Presidency University, Yelahanka Bangalore Karnataka India

R. Sapna of Assistant Professor Department of CSE, Presidency University, Yelahanka Bangalore Karnataka India

Title of invention:

A METHOD AND SYSTEM FOR OBSTACLE DETECTION USING SMART WALKING STICK FOR BLIND AND VISUALLY IMPAIRED

Name of inventor(s):

Raja, S. Pravinth; Kalaiarasan, C. and Sapna, R.

Term of Patent:

Eight years from 20 July 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Priority details:

Number	Date	Filed with
202141024577	2 June 2021	IN



Dated this 13th day of October 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.





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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102026

The Commissioner of Patents has granted the above patent on 16 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

N Sandeep Chaitanya of Dept. of CSE, Vallurupalli Nageswara, Rao Vignana Jyothi Institute of, Engineering & Technology Hyderabad, Telangana India

Ramesh Vatambeti of Dept. of Computer Science and Engg., Presidency University Bengaluru Karnataka India

Ravikanth Motupalli of Dept. of CSE, Vallurupalli Nageswara Rao, Vignana Jyothi Institute of Engineering & Technology Hyderabad Telangana India

Chekuri Sri Sumanth of Dept. of CSE, Vallurupalli Nageswara Rao, Vignana Jyothi Institute of Engineering & Technology Hyderabad Telangana India

A Aruna Kumari of Dept. of CSE, Vallurupalli Nageswara Rao, Vignana Jyothi Institute of Engineering & Technology Hyderabad Telangana India

Somavarapu Jahnvi of Dept. of CSE, Vallurupalli Nageswara Rao, Vignana Jyothi Institute of Engineering & Technology Hyderabad Telangana India

Tejaswi Potluri of Dept. of CSE, Vallurupalli Nageswara Rao, Vignana Jyothi Institute of Engineering & Technology Hyderabad Telangana India

Pinamala Sruthi of CMR College of Engineering & Technology, Hyderabad Telangana India

Kandula Neha of Vidya Jyothi Institute of Technology Hyderabad Telangana India

Shaik Mahammad Jameeruddin of Research Assistant ICRISAT Hyderabad Telangana India

Title of invention:

ELSM- Quantum Computing: EXTREMELY LARGE DATABASES STORE INTO A SMALL MEMORY USING QUANTUM COMPUTING.

Name of inventor(s):

Chaitanya, N Sandeep; Vatambeti, Ramesh.; Motupalli, Ravikanth; Sumanth, Chekuri Sri; Kumari, A Aruna; Jahnvi, Somavarapu; Potluri, Tejaswi; Sruthi, Pinamala; Neha, Kandula and Jameeruddin, Shaik Mahammad

Term of Patent:

Eight years from 28 August 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 16th day of September 2020

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.





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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101733

The Commissioner of Patents has granted the above patent on 5 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Tushar Mehrotra of (Assistant Professor) College of, Computing Science & IT, Teerthanker Mahaveer University Moradabad, U.P India

Neha Verma of (Assistant Professor), Inderprastha Engineering College Ghaziabad U.P India

Neha Shukla of (Assistant Professor), CSE Department, KIET Group of Institutions Delhi-NCR Ghaziabad, U.P India

Nisha Rathore of (Research scholar), Computer Science and, Engineering Department, IIT ISM Dhanbad, near Rani Bandh, Hirapur, Sardar Patel Nagar, Dhanbad Jharkhand 826004 India

Rohit Goyal of (Assistant Professor), Himgiri Zee University Dehradun UK India

Amit Kumar of (Assistant Professor), Himgiri Zee University DehraDun UK India

Kanchan Hans of (Associate Professor), Department of, Computer Applications Galgotia's College, of Engineering and Technology Greater Noida Uttar Pradesh 201310 India

Aditya Kishore Saxena of (Assistant Professor), Presidency University Bangalore Karnataka 560064 India

Sandeep Saxena of (Professor), Department of Information, Technology, Galgotia's College of, Engineering and Technology Greater Noida Uttar Pradesh 201310 India

Bhawana Lakhani of 2871, Saraswati Sadan Gokul Ganj Mhow Madhya Pradesh 453441 India

Title of invention:

Internet of Things (IoT) System and Method for Smart Hotel Location and Internal Status Update

Name of inventor(s):

Mehrotra, Tushar; Verma, Neha; Shukla, Neha; Rathore, Nisha; Goyal, Rohit; Kumar, Amit; Hans, Kanchan; Saxena, Aditya Kishore; Saxena, Sandeep and Lakhani, Bhawana

Term of Patent:

Eight years from 6 April 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 5th day of May 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.





Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021103949

The Commissioner of Patents has granted the above patent on 25 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Vishal Shukla of Associate Professor Presidency University Bangalore India

Anupama Rajesh of Professor Amity Business School Noida India

Uchit Kapoor of Professor, The ICFAI Group, 1815 Civil Lines, Jagadhri District Yamunanagar Haryana 135003 India

Murali Krishna Kotha of Research Analyst Artificial Intelligence Hyderabad India

Mohan P. Thakre of Assistant Professor Deptt. of Electrical, Engineering K.K Wagh Institute of, Engineering & Research Nashik Maharashtra India

Garima Verma of Assistant Professor School of Computing DIT University Dehradun India

Hari Kumar Pallathadka of Professor & Director Deptt., of Research & Development Manipur International University Manipur India

Shrikanth Ganapati Naik of Assistant Professor Govt., First Grade College Kumta Uttar Kannada Karnataka India

Hemraj Verma of Professor Department of Mgt Studies DIT University Dehradun India

Ajay Kumar Agarwal of Associate Professor Mechanical, Engineering Deptt. JB Knowledge Park Faridabad India

Title of invention:

ARTIFICIAL INTELLIGENCE BASED SMART DOOR SYSTEM AND METHOD THEREOF

Name of inventor(s):

Shukla, Vishal; Rajesh, Anupama; Kapoor, Uchit; Kotha, Murali Krishna; P. Thakre, Mohan; Verma, Garima; Pallathadka, Hari Kumar; Ganapati Naik, Shrikanth; Verma, Hemraj and Kumar Agarwal, Ajay

Term of Patent:

Eight years from 7 July 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Priority details:

Number	Date	Filed with
202141025551	8 June 2021	IN



Dated this 25th day of August 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.





ORIGINAL

मूल/No : 121685



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	370741-001
तारीख / Date	:	12/09/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DOCUMENT SCANNER** से संबंधित है, का पंजीकरण, श्रेणी **14-02** में 1.Dr. B.Dhiyanesh 2. Dr. G. Kiruthiga 3.Dr. Ashwinth Janarthanan 4.Dr.Shakkeera L 5.Dr. Sharmasth Vali Y 6.Dr.M.Ramkumar 7.Dr. Panem Charanarur 8.P.Saraswathi के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

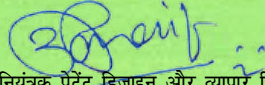
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **14-02** in respect of the application of such design to **DOCUMENT SCANNER** in the name of 1.Dr. B.Dhiyanesh 2. Dr. G. Kiruthiga 3.Dr. Ashwinth Janarthanan 4.Dr.Shakkeera L 5.Dr. Sharmasth Vali Y 6.Dr.M.Ramkumar 7.Dr. Panem Charanarur 8.P.Saraswathi.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

INTELLECTUAL
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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 23/12/2022


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.





ORIGINAL

मूल/No : 132065



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THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	377647-001
तारीख / Date	:	19/01/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DEVICE TO CALCULATE BUSINESS REQUIREMENT** से संबंधित है, का पंजीकरण, श्रेणी **14-02** में 1.Dr. Neha Jain 2. Dr. Shankar Ramamoorthy 3.Dr. Anand A. Muley 4.Dr. Punit Niranjn Raut 5.Mano Ashish Tripathi के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

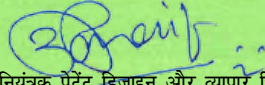
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **14-02** in respect of the application of such design to **DEVICE TO CALCULATE BUSINESS REQUIREMENT** in the name of 1.Dr. Neha Jain 2. Dr. Shankar Ramamoorthy 3.Dr. Anand A. Muley 4.Dr. Punit Niranjn Raut 5.Mano Ashish Tripathi.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 29/03/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.





ORIGINAL

मूल/No : 119415



भारत सरकार
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पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	365044-001
तारीख / Date	:	30/05/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **SMART BIOMETRIC PAYMENT DEVICE** से संबंधित है, का पंजीकरण, श्रेणी **14-02** में 1.Ms. Shaleen Bhatnagar 2. Ms. Sushmita Kumari 3.Ms. Divya 4.Ms. Impa B. H. के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

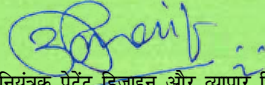
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **14-02** in respect of the application of such design to **SMART BIOMETRIC PAYMENT DEVICE** in the name of 1.Ms. Shaleen Bhatnagar 2. Ms. Sushmita Kumari 3.Ms. Divya 4.Ms. Impa B. H..

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 02/12/2022


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 23/2023
ISSUE NO. 23/2023


शुक्रवार
FRIDAY

दिनांक: 09/06/2023
DATE: 09/06/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 23/2023 Dated 09/06/2023


REGISTRAR  41607

Design Number	382325-001	
Class	15-04	
1. Dr. Robin Rohit. V Associate Professor, School of Computer Science and Engineering & Information Science, Presidency University, Itgalpur, Rajanakunte, Yelahanka, Bengaluru-560064, Karnataka, India 2. Dr. Manish Kumar Assistant Professor Department of Civil Engineering, SRM Institute Of Science And Technology (SRMIST), Tiruchirappalli-621105, Tamil Nadu, India 3. Mohammad Parvej Alam Assistant Professor, Department of Civil Engineering, Shri Shankaracharya Institute of Professional Management And Technology, Chhattisgarh-492015, India. 4. Divesh Ranjan Kumar Research Scholar, Department of Civil Engineering, National Institute of Technology, Patna, Bihar, India , et al.		
Date of Registration	27/03/2023	
Title	ROBOTIC EXCAVATION ASSISTANT FOR SITE EXPLORATION	
Priority NA		

