

3.3.1
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Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident.

Outcomes of the activities conducted by Incubation & Innovation Cell, IPR Cell

Incubation Innovation Cell		
Sr. No.	Particular	Page Link
1	Institution Innovation Council (IC202014615) Ministry of Education, Govt., of India 2022-23	Click here
2	Institution Innovation Council (IC202014615) Ministry of Education, Govt., of India 2022-23	Click here
3	Institution Innovation Council (IC202014615) Ministry of Education, Govt., of India 2021-22	Click here
4	Institution Innovation Council (IC202014615) Ministry of Education, Govt., of India 2021-22	Click here
5	Institution Innovation Council (IC202014615) Ministry of Education, Govt., of India 2020-21	Click here



Intellectual Property Rights

Sr. No.	Particular	Certificate	Date	Page Link
1	National Intellectual Property Awareness Mission (NIPAM)	Certificate of Appreciation	September 06, 2022	Click Here
2	National Intellectual Property Awareness Mission (NIPAM)	Event Co-Ordinator Certificate of Appreciation	September 06, 2022	Click Here
3	National Intellectual Property Awareness Mission (NIPAM)	Participation Certificate	July 29, 2022	Click Here
4	National Intellectual Property Awareness Mission (NIPAM)	Certificate of Appreciation	September 06, 2023	Click Here
5	National Intellectual Property Awareness Mission (NIPAM)	Event Co-Ordinator Certificate of Appreciation	September 06, 2023	Click Here



List of Patent Awarded

Sr. No.	Date of Issue	Patent No.	Patent Details	Name	Page Link
1	03/06/2022	202211030309 A	The embedded security framework for the industrial internet of things (iiot) and cybersecurity	Dr. Aparna Madhukar Pawar	Click Here
2	04/1/2023	Indian Design Design No.- 373554-001	Device for Testing Moisture Content in Soil	Dr. Aniket Siddhaling Kothawale Dr. Jagdish Dattatraya Deshpande Dr. Ashok Eknath Kalange Prof. Dr. Avinash Jagtap	Click Here
3	20/01/2023	Indian Design Design No.- 418717	A Method for Remediation of Saline Soil	Dr. Bhagawan Shankar Mali	Click Here
4	28/02/2023	Indian Design Design No.- 378179-001	Shock Pad	Dr. Gautam Jadhav	Click Here
5	06/07/2023	UK Design Design No.- 6355494	Stress Anixity	Dr. Gautam Jadhav	Click Here
6	28/06/2023	Patent No.- 2023/03303	Process for Extractions of coir	Dr. Ajit Telave	Click Here
7	14/09/2023	UK Design Design No.- 6308358	Artificial Intelligence based Cybersecurity device for Military Networks.	Dr. Devidas Vijay Bhosale Prof. Dr. Ashok Eknath Kalange Dr. Aniket Siddhaling Kothawale Prof. Dr. Jagdish Dattatraya Deshpande Dr. Shashikant Chandrakant Nakate Prof. Dr. Avinash Jagtap	Click Here
8	12/10/2023	Indian Design	IOT Based Soil	Dr. Aparna	Click



		Design No.- 394098-001	Moisture Level Indicator	Madhukar Pawar	Here
9	08/02/2024	UK Design Design No.- 6343601	AI Enhanced Garment for Optimal Health Management	Dr. Aniket Siddhaling Kothawale Dr. Neeta Kishor Dhane Dr. Yogini Ramkrishna Mulay Prof. Dr. Jagdish Dattatraya Deshpande	Click Here
10	15/02/2024	UK Design Design No.- 6343600	Analysis Computer for Evaluating Effect of Social Media on Social Harmony	Dr. Devidas Vijay Bhosale Pooja Sujit Gaikwad Dr. Shashikant Chandrakant Nakate	Click Here
11	27/03/2024	Indian Design Design No.- 405549-001	Photocatalytic Water Purification Device	Dr. Vijay Sampat Mobite Dr. Ramchandra Tukaram Sapkal	Click Here
12	05/04/2024	UK Design Design No.- 6355494	Data Analytics Device for Investigation of Menstrual Irregularities Among Adolescent Girls	Priti Sandeep Malusare Pooja Sujit Gaikwad Dr. Neeta Kishor Dhane Dr. Vaishali Vilas Patil Dr. Aniket Siddhaling Kothawale	Click Here
13	19/04/2024	UK Design Design No.- 6357894	Pot for Colling Water	Dr. Bhagwan Mali	Click Here
14	29/03/2024	UK Design Design No. 6354209	Photoelectrochemical Water Splitting Reactor	Dr. Kalange Ashok Eknath Dr. Kulkarni Sachin Babasaheb Mr. Thorat Sopan Murlidhar	Click Here
15	03/05/2024	Indian Design Design No. 411100-001	Petri Plate Holder	Dr. Yogini Ramkrishna Mulay Kajal Mahadev Gaikwad Komal Ramchandra Jagtap Manas Chetan Shah	Click Here
16	10/05/2024	Indian Design	Fan for Personal Use	Dr. Bhagawan	Click



		Design No.- 410640-001		Shankar Mali	Here
17	16/04/2024	UK Design Design No.- 6357894	Smart Real Time Electronic System for Monitoring Food Grain Storage in Warehouse Application.	Dr. Suhas Namdev Patil	Click Here
18	10/05/2024	Indian Design Design No.- 409615-001	Petri Plate	Dhawal Vidyachandra Doshi Manas Chetan Shah	Click Here
19	22/05/2024	Indian Design Design No.- 411099-001	Wire Loop	Dr. Yogini Ramkrishna Mulay Komal Ramchandra Jagtap	Click Here
20	24/05/2024	IPC : A01G 9/24	An integrated IoT and artificial intelligence system for improved Plant production in greenhouse applications	Dr. Jagdish Deshpande Dr. Kulkarni Sachin Dr. Patil Suhas Dr. Aparna Pawar	Click Here



**Established Institute Innovation Council (IIC) By Ministry of Education, Govt. of India
Tuljaram Chaturchand College, Baramati
2020-21**



**Institute Innovation Council By Ministry of Education, Govt. of India
Tuljaram Chaturchand College, Baramati
2020-21**



**Institute Innovation Council By Ministry of Education, Govt. of India
Tuljaram Chaturchand College, Baramati – One Star to Promote
Innovation and Start-up In Campus
2021-22**



Certificate No : 4159

Issued On : 2022-11-17



**Institute Innovation Council By Ministry of Education, Govt. of India
Tuljaram Chaturchand College, Baramati – Two Star to Promote
Innovation and Start-up In Campus
2022-23**



**Institute Innovation Council By Ministry of Education, Govt. of India
Tuljaram Chaturchand College, Baramati – Appreciation Letter to Promote
Innovation and Start-up In Campus
2022-23**



Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of Tuljaram Chaturchand College for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2022-23.

Chief Functionaries of the IIC at Tuljaram Chaturchand College, Pune

Name	Position
Dr. Vikas Chintaman Kakade	NISP Co-ordinator
Dr. Vikas Kakade	ARIIA Coordinator
Prof. Deepali Anpat	Start up Activity Coordinator, Convener
Prof. Mahesh Phule	Innovation Activity, Member
Prof. Rahul Chaoudhari	Social Media, Member
Dr. Ajit Telave	Vice President
Dr. Yogini Mule	NIRF Coordinator
Dr. Milind Gajabhiye	IPR Activity Coordinator
Mr. Kale Krushna Ashok	Internship Activity Coordinator

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

Thanks & regards.

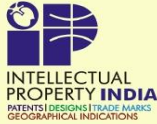
Yours Sincerely,

Dipan Kumar Sahu

Assistant Innovation Director
MoE's Innovation Cell, Govt. of India



Ministry of Commerce & Industry Govt. of India National IP Awareness Mission
Event Certificate of Appreciation
2022-23



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

CERTIFICATE OF APPRECIATION

Presented to

**TULJARAM CHATURCHAND COLLEGE OF ARTS,
SCIENCE AND COMMERCE, BARAMATI AUTONOMOUS
DIST. PUNE**

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **September 06, 2022** in association with **RGNIIPM, Nagpur** by providing your valuable time and support is highly appreciated.*

Solicit your continued support for outreach of IPR far and wide.



(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Date: September 12,
2022



**Ministry of Commerce & Industry Govt. of India National IP Awareness Mission
Event Co-ordinator Certificate of Appreciation
2022-23**

 INTELLECTUAL
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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS


सत्यमेव जयते

 NIPAM
NATIONAL IP AWARENESS MISSION

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

CERTIFICATE

This is to certify that, **PROF. VIVEK ANIL BALE** of **TULJARAM CHATURCHAND COLLEGE
OF ARTS, SCIENCE AND COMMERCE, BARAMATI AUTONOMOUS DIST. PUNE** co-
ordinated in conducting the Intellectual Property Awareness program under
NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION
on **September 06, 2022**
Azadi Ka
Amrit Mahotsav

Organized by
Intellectual Property Office, India

Date: September 14, 2022




(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS



**Ministry of Commerce & Industry Govt. of India National IP Awareness Mission
Mrs, Jadhav Shaila Shivaji of Tuljaram Chaturchand College, Baramati has successfully
participated in IP Awareness Program
2022-23**



Ministry of Commerce & Industry Govt. of India National IP Awareness Mission
Event Certificate of Appreciation
2023-24



Ministry of Commerce & Industry Govt. of India National IP Awareness Mission
Event Co-ordinator Certificate of Appreciation
2023-24



Patent Awarded for “The Embedded security framework for the industrial internet of things (IIOT) and cybersecurity 2022-23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211030237 A

(19) INDIA

(22) Date of filing of Application :26/05/2022

(43) Publication Date : 03/06/2022

(54) Title of the invention : THE EMBEDDED SECURITY FRAMEWORK FOR THE INDUSTRIAL INTERNET OF THINGS (IIOT) AND CYBERSECURITY




<p>(51) International classification : H04L0029060000, H04L0029080000, G06N0020000000, G06F0021570000, H04L0012240000</p> <p>(86) International Application No : NA Filing Date : NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number : NA Filing Date : NA</p> <p>(62) Divisional to Application Number : NA Filing Date : NA</p>	<p>(71) Name of Applicant : 1)Dr. RAVIRANJAN KUMAR SINGH Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ECEN, KASHI INSTITUTE OF TECHNOLOGY VARANASI-221307, Varanasi ----- 2)DR. K. KAMALI 3)DR.R.MANIKANDAN 4)DR. APARNA MADHUKAR PAWAR 5)G.MAHALAKSHMI 6)APIRAJITHA P. S 7)DR PUNAM RATTAN 8)R. RENUKA DEVI 9)DR.P.ARULPRAKASH 10)KARTHIKAYANI 11)DR. VIKAS TRIPATHI 12)DR P JOEL JOSEPHSON Name of Applicant : NA Address of Applicant : NA (72) Name of Inventor : 1)Dr. RAVIRANJAN KUMAR SINGH Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ECEN, KASHI INSTITUTE OF TECHNOLOGY VARANASI-221307, Varanasi ----- 2)DR. K. KAMALI Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE Cuddalore ----- 3)DR.R.MANIKANDAN Address of Applicant : DR. R.MANIKANDAN, ASSOCIATE PROFESSOR IN CSE GCE THANJAVUR Cuddalore ----- 4)DR. APARNA MADHUKAR PAWAR Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS, TULJARAM CHATURCHAND COLLEGE OF ARTS SCIENCE AND COMMERCE BARAMATI Pune ----- 5)G.MAHALAKSHMI Address of Applicant : TEACHING FELLOW, DEPARTMENT OF INFORMATION SCIENCE AND TECHNOLOGY, COLLEGE OF ENGINEERING GUNDEY, ANNA UNIVERSITY CHENNAI, 600025 Chennai ----- 6)APIRAJITHA P. S Address of Applicant : TEACHING FELLOW, DIST, ANNA UNIVERSITY Chennai ----- 7)DR PUNAM RATTAN Address of Applicant : SCHOOL OF COMPUTER APPLICATIONS LOVELY PROFESSIONAL UNIVERSITY PHAGWARA Jalandhar ----- 8)R. RENUKA DEVI Address of Applicant : ASSOCIATE PROFESSOR, SCHOOL OF COMPUTING, SRMIST Chennai ----- 9)DR.P.ARULPRAKASH Address of Applicant : RATHINAM TECHNICAL CAMPUS, EACHANARI Coimbatore ---- 10)KARTHIKAYANI Address of Applicant : ASSISTANT PROFESSOR, COMPUTER SCIENCE, SRM INSTITUTE OF ENGINEERING AND TECHNOLOGY CHENNAI Chennai ----- 11)DR. VIKAS TRIPATHI Address of Applicant : ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, GRAPHIC ERA DEEMED TO BE UNIVERSITY, DEHRADUN, UTTARAKHAND, INDIA Dehradun ----- 12)DR P JOEL JOSEPHSON Address of Applicant : PROFESSOR/ DEPT OF ECE, ST MARTIN'S ENGINEERING COLLEGE, SECUNDERABAD, 500100 Secunderbad -----</p>
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(57) Abstract :
 The Embedded Security Framework for the Industrial Internet of Things (IIOT) and Cybersecurity is the proposed invention. The invention aims at achieving the aspect of cyber security across the industrial security and its related attributes.

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



Patent Awarded for Device for Testing Moisture Content in Soil.
2022-23

  ORIGINAL
मूल/No : 123694


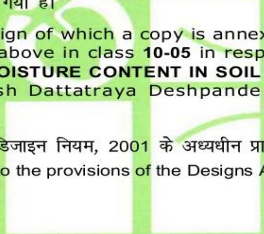
भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 373554-001
तारीख / Date : 03/11/2022
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DEVICE FOR TESTING MOISTURE CONTENT IN SOIL** से संबंधित है, का पंजीकरण, श्रेणी **10-05** में 1.Dr.Aniket Siddhaling Kothawale 2. Dr.Jagdish Dattatraya Deshpande 3.Dr.Ashok Ekanath Kalange 4.Prof. Dr.Avinash Jagtap 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 **10-05** in respect of the application of such design to **DEVICE FOR TESTING MOISTURE CONTENT IN SOIL** in the name of 1.Dr.Aniket Siddhaling Kothawale 2. Dr.Jagdish Dattatraya Deshpande 3.Dr.Ashok Ekanath Kalange 4.Prof. Dr.Avinash Jagtap.

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.






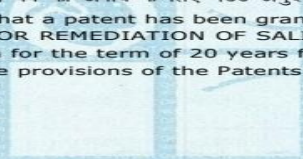


INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 04/01/2023
महानिबंधक 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.



Patent Awarded for A Method for Remediation of Saline Soil
2022-23

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	 सत्यमेव जयते भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)	क्रमांक : 022122040 SL No : 
पेटेंट सं. / Patent No.	:	418717
आवेदन सं. / Application No.	:	4221/MUM/2014
फाइल करने की तारीख / Date of Filing	:	30/12/2014
पेटेटी / Patentee	:	DR. BHAGAWAN SHANKAR MALI
<p>प्रमाणित किया जाता है कि पेटेटी को, उपरोक्त आवेदन में यथाप्रकटित A METHOD FOR REMEDIATION OF SALINE SOIL नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2014 के तीसरे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled A METHOD FOR REMEDIATION OF SALINE SOIL as disclosed in the above mentioned application for the term of 20 years from the 30th day of December 2014 in accordance with the provisions of the Patents Act,1970.</p>		
 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS		
 अनुदान की तारीख Date of Grant	:	20/01/2023
		 Controller of Patent
<p>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2016 के तीसरे दिन को और उसके परवर्त प्रत्येक वर्ष में उसी दिन देय होगी। Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 30th day of December 2016 and on the same day in every year thereafter.</p>		



Patent Awarded for "Shock Pad for Artificial Sports Fields"
2022-23



ORIGINAL

मूल/No : 129898



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 378179-001
तारीख / Date : 28/01/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो SHOCK PAD FOR ARTIFICIAL SPORTS FIELDS से संबंधित है, का पंजीकरण, श्रेणी 21-02 में Prof. Dr. Gautam Shahuraje Jadhav 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 21-02 in respect of the application of such design to SHOCK PAD FOR ARTIFICIAL SPORTS FIELDS in the name of Prof. Dr. Gautam Shahuraje Jadhav.

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

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




निर्गमन की तारीख/Date of Issue : 28/02/2023

सद्विचारक रजिस्ट्रार डिजाइन और वाणिज्य चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुपस्थिति देश के नाम पर की गई है। डिजाइन का पारस्परिकता पंजीकरण की तारीख से दस वर्षों के लिए शेष जिसका विस्तार, अधिनियम एवं नियम के निवचनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकता है। इस प्रमाण पत्र का उपयोग विधिक कार्रवाईयों 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 for obtaining registration abroad.



Patent Awarded for "Stress Anxiety Detection Band"
2023-24

  ORIGINAL
क्रम सं/ Serial No. : 140182


पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India
डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design



डिजाइन सं. / Design No. : 383694-001
तारीख / Date : 11/04/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *STRESS AND ANXIETY DETECTION BAND* से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1. Dr. Gautam Shahuraje Jadhav 2. Dr. Ashish Madhav Talekar 3. Dr. Amey Vinayak Kale 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 24-01 in respect of the application of such design to *STRESS AND ANXIETY DETECTION BAND* in the name of 1. Dr. Gautam Shahuraje Jadhav 2. Dr. Ashish Madhav Talekar 3. Dr. Amey Vinayak Kale.


डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अर्थात् प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 06/07/2023
Date of Issue : 06/07/2023

 
सहायक पेटेंट डिजाइन और ट्रेड मार्क
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वतंत्रिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के विधियों के अंतर्गत, पांच 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.

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**Patent for “ Process for Extractions of Coir”
2023-24**

(17)



REPUBLIC OF SOUTH AFRICA REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

Dr. Mahesh Vijay Gokhale; Dr. Niranjana Sunil Chavan; Dr. Santosh Vasant Madhale; Dr. Ajit B. Telave; Dr. Priya Digambar Patil; Gayatri Umesh Gokhale

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2023/03303

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 28th day of June 2023


Registrar of Patents



**Patent Awarded for “Artificial Intelligence based Cybersecurity device for Military Networks.”
2023-24**

1


Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6308358

Grant date: 14 September 2023

Registration date: 07 September 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr.DEVIDAS VIJAY BHOSALE, PROF.Dr.ASHOK EKNATH KALANGE,

Dr.ANIKET SIDDHALING KOTHAWALE, PROF.Dr.JAGDISH DATTATRAYA

DESHPANDE, Dr.SHASHIKANT CHANDRAKANT NAKATE,

PROF.Dr.AVINASH SHRIRANGRAO JAGTAP

in respect of the application of such design to:

Artificial Intelligence based Cybersecurity device for Military Networks

International Design Classification:

Version: 14-2023

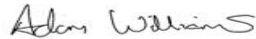
Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING, SECURITY OR TESTING

Version: 14-2023

Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING EQUIPMENT

Subclass: 02 DATA PROCESSING EQUIPMENT AS WELL AS PERIPHERAL APPARATUS AND DEVICES



Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipo



Patent Awarded for “AI Enhanced Garment for Optimal Health Management”
2023-24



Certificate of Registration for a UK Design

Design number: 6343601
Grant date: 08 February 2024
Registration date: 01 February 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr.Aniket Siddhaling Kothawale, Dr. Neeta Kishor Dhane, Dr.Yogini Ramkrishna
Mulay, Prof.Dr.Jagdish Dattatraya Deshpande

in respect of the application of such design to:

AI enhanced garment for optimal health management

International Design Classification:
Version: 14-2023
Class: 02 ARTICLES OF CLOTHING AND HABERDASHERY
Subclass: 02 GARMENTS

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipo



**Patent Awarded for “Analysis Computer for Evaluating Effect of Social Media on Social Harmony”
2023-24**

1



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6343600

Grant date: 15 February 2024

Registration date: 01 February 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Devidas Vijay Bhosale, Pooja Sujit Gaikwad, Dr. Shashikant Chandrakant

Nakate

in respect of the application of such design to:

Analysis Computer for evaluating effect of social media on social harmony

International Design Classification:

Version: 14-2023

Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING EQUIPMENT

Subclass: 02 DATA PROCESSING EQUIPMENT AS WELL AS PERIPHERAL APPARATUS AND DEVICES

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipo



Patent Awarded for "Photocatalytic Water Purification Device" 2023-24



INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

ORIGINAL
क्रम सं/ Serial No.: 161676



पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.	405549-001
तारीख / Date	24/01/2024
पारस्परिकता तारीख / Reciprocity Date	
देश / Country	India

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **PHOTOCATALYTIC WATER PURIFICATION DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 23-01 में 1. Dr. Vijay Sampat Mohite 2. Dr. Ramchnadra Tukaram Sapkal 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 23-01 in respect of the application of such design to **PHOTOCATALYTIC WATER PURIFICATION DEVICE** in the name of 1. Dr. Vijay Sampat Mohite 2. Dr. Ramchnadra Tukaram Sapkal.

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

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



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

जारी करने की तिथि : 27/03/2024

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वतंत्रिकार 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 सकता। 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.



**Patent Awarded for “Data Analytics Device for Investigation of Menstrual Irregularities Among Adolescent Girls”
2023-24**



Certificate of Registration for a UK Design

Design number: 6355494
Grant date: 05 April 2024
Registration date: 27 March 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Priti Sandeep Malusare, Pooja Sujit Gaikwad, Dr. Neeta Kishor Dhane, Dr.

Vaishali Vilas Patil, Dr. Aniket Siddhaling Kothawale

in respect of the application of such design to:

Data Analytics Device for Investigation of Menstrual Irregularities Among
Adolescent Girls

International Design Classification:
Version: 14-2023
Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING
EQUIPMENT
Subclass: 02 DATA PROCESSING EQUIPMENT AS WELL AS PERIPHERAL
APPARATUS AND DEVICES




Version: 14-2023
Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING
INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS
Subclass: 04 OTHER MEASURING INSTRUMENTS, APPARATUS AND
DEVICES

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.



Patent Awarded for "Pot for Colling Water of Water" 2023-24

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India


डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.	407844-001
तारीख / Date	17/02/2024
पारस्परिकता तारीख / Reciprocity Date	
देश / Country	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **POT FOR COOLING OF WATER** से संबंधित है, का पंजीकरण, श्रेणी 07-10 में 1.Prof. Dr. Bhagawan Shankar Mali 2. Dr. Rupali Dinesh Chitale 3.Dr. Madhuri Pravin Patil 4.Prof. Vaishali Bhagawan Mali 5.Mr. Sharad Shiram Gore 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 07-10 in respect of the application of such design to **POT FOR COOLING OF WATER** in the name of 1.Prof. Dr. Bhagawan Shankar Mali 2. Dr. Rupali Dinesh Chitale 3.Dr. Madhuri Pravin Patil 4.Prof. Vaishali Bhagawan Mali 5.Mr. Sharad Shiram Gore.

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.



(Signature)
प्रधानियुक्त पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो), जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का हस्तक्षेपक पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अर्धीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकता है। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहीमें 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.



Patent Awarded for “Photoelectrochemical Water Spitting Reactor” 2023-24



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6354209

Grant date: 29 March 2024

Registration date: 21 March 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. KALANGE ASHOK EKANATH, Dr. KULKARNI SACHIN BABASAHEB, Mr.

THORAT SOPAN MURALIDHAR

in respect of the application of such design to:

Photoelectrochemical Water Splitting Reactor

International Design Classification:

Version: 14-2023

Class: 24 MEDICAL AND LABORATORY EQUIPMENT

Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS
AND LABORATORIES

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.




Intellectual Property Office is an operating name of the Patent Office

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Patent Awarded for "Petri Plate Holder" 2023-24



ORIGINAL
Serial No. - 168206

पेटेंट कार्यालय, भारत सरकार **The Patent Office, Government Of India**

डिजाइन के पंजीकरण का प्रमाण पत्र **Certificate of Registration of Design**

डिजाइन सं. / Design No. **411100-001**

तारीख / Date **20/03/2024**

पारस्परिकता तारीख / Reciprocity Date **20/03/2024**


देश / Country **भारत**

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **PETRI PLATE HOLDER** से संबंधित है, का पंजीकरण, श्रेणी 24-02 में **1.Yogini Ramkrishna Mulay 2. Komal Ramchandra Jagtap 3.Kajal Mahadev Gaikwad 4.Manas Chetan Shah** 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 24-02 in respect of the application of such design to **PETRI PLATE HOLDER** in the name of **1.Yogini Ramkrishna Mulay 2. Komal Ramchandra Jagtap 3.Kajal Mahadev Gaikwad 4.Manas Chetan Shah**.

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.



डिजाइन सं. / Design No. 411100-001

तारीख / Date 20/03/2024

पारस्परिकता तारीख / Reciprocity Date 20/03/2024


देश / Country भारत

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न

Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पांच 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.



Patent Awarded for “Smart Real Time Electronic System for Monitoring Food Grain Storage in Warehouse Application.”


Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6357894

Grant date: 16 April 2024

Registration date: 08 April 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

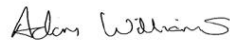
Dr. Suhas Namadev Patil

in respect of the application of such design to:

Smart Real Time Electronic System For Monitoring Food Grain Storage in
Warehouse Application

International Design Classification:
Version: 14-2023

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING
INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS
Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING,
SECURITY OR TESTING



Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

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Patent Awarded for “An Integrated IoT and artificial intelligence system for improved Plant production in greenhouse applications”

27/08/2024, 13:26

IMG-20240827-WA0004.jpg

25

 Federal Republic of Germany 

Certificate

on the registration of utility
model No. 20 2024 102 147

Designation:

An integrated IoT and artificial intelligence system for improved
Plant production in greenhouse applications

IPC:

A01G 9/24

Owner:

Deshpande, Jagdish Dattatraya, Prof. Dr., Pune, Maharashtra, IN
Kulkarni, Sachin Babasaheb, Dr., Solapur, Maharashtra, IN
Patil, Suhas Namadev, Dr., Kolhapur, Maharashtra, IN
Pawar, Apama Machukar, Dr., Pune, Maharashtra, IN

Registration date:

26.04.2024

Date of registration:

24.05.2024

The President of the German Patent and Trademark Office



Eva Schewior

Munich, 24.05.2024



The conditions for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the DPMA register at www.dpma.de.

<https://mail.google.com/mail/u/0/#inbox/FMfgzQVzNwdzQfgwpmVJPQRgbiZrQSH?projector=1&messagePartId=0.1>

1/1




Principal
Tuljaram Chaturchand College
Baramati