

**3.3.1** 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

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10     15/02/2024     UK Design Design No 6343600     Analysis Computer for Social Media on Social Harmony     Prof. Dr. Jugdish Dattarryan Deshpande     Yiew Gaikwad       11     27/03/2024     Indian Design Design No 405549-001     Photocatalytic Water Purification Device     Dr. Viay Gaikwad     Yiew Gaikwad       12     05/04/2024     UK Design Design No 6355494     Data Analytics Device for Investigation of Menstrual Irregularities     Priti Sandeep Malusare     View       13     19/04/2024     UK Design Design No 6357494     Pot for Colling Water Sidulating Among Adolescent Girls     Dr. Ramchandra Tukaram Sapkal     View       13     19/04/2024     UK Design Design No 6357494     Pot for Colling Water Sidulating Anther Splitting Reactor 6357494     Dr. Kalange Mali     View       14     29/03/2024     UK Design Design No 6357494     Pot for Colling Water Sidulating Anther Splitting Reactor 6357494     Dr. Kalange Mali     View       14     29/03/2024     Indian Design Design No. 411100-001     Petri Plate Holder Marchandra Maridhar     Dr. Kalange Mans Chetan Mali     View       15     03/05/2024     Indian Design Design No. 411100-001     Petri Plate Holder Mans Chetan Mali     Dr. Suhas Mali     View       16     10/05/2024     Indian Design Design No. 410640-001     Fan for Personal Use Banar Mali     Dr. Suhas     View       17     16/04/2024     Indian Design De							
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			Storage in Warehouse Application.		
18	10/05/2024	Indian Design Design No 409615-001	Petri Plate	Dhawal Vidyachandra Doshi Manas Chetan Shah	View
19	22/05/2024	Indian Design Design No 411099-001	Wire Loop	Dr. Yogini Ramkrishna Mulay Komal Ramchandra Jagtap	<u>View</u>
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	<u>View</u>



Jagiap Principal Tuljaram Chaturchand College Baramati

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





Website - <u>www.tccollege.org</u> Contact – 02112-222405 / 223635

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

INSTITUTION'S MoE's INNOVATION INNOVATION CELL COUNCIL (GOVERNMENT OF INDIA) CERTIFICATE This is to certify that Tuljaram Chaturchand College, Pune has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of Education, Govt. of India during IIC Calendar year 2020-21 Stoelvine Abhay Tere Dr. Abhay Jere Prof.Anil D.Sahasrabudhe CIO, MHRD, Chairman, AICTE **Innovation Cell** Date : 13-10-2021 Certificate No : 4159



## 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



Issued On : 2022-11-17



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





## Institute Innovation Council By Ministry of Education, Govt. of India Tuljaram Chaturchand College, Baramati – <u>Appreciation Letter</u> 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,

INSTITUTION'S INNOVATION COUNCIL

Dipan Kumar Sahu

OpanSahu

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

YR.	
	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
Ď	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,
	<b>Nagpur</b> by providing your valuable time and support is highly appreciated. Solicit your continued support for outreach of IPR far and wide.
	Date: September 12, 2022



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

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OF ARTS, SCIENCE AN ordinated in con	VIVEK ANIL BALE of TULJARAM CHAT ID COMMERCE, BARAMATI AUTONOM aducting the Intellectual Property Awareness pro- FELLECTUAL PROPERTY AWARENE And September 06,2022 Organized by Intellectual Property Office, India	DOUS DIST. PUNE co-
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

INTELECTUAL PROPERTY INDIA PROVINCIA INCOMENTS	Anal	
	सलमव जवत Government of India Ministry of Commerce and Industr	
	ent for Promotion of Industry and In ontroller General of Patents, Designs	
	CERTIFICATE	
This is to certify that, MR. JAD	HAV SHAILA SHIVAJI of T	ULJARAM CHATURCHAND
COLLEGE, BARAMATI has	successfully participated in IP A	Awareness/Training program under
NATIONAL INTELI	LECTUAL PROPERTY AW	
	on July 29,2022	
Å	mrit Mahotsa	v
	Organized by	
In	tellectual Property Office,	India Coronit
Date:August 09,2022		(Prof. (Dr) Unnat P. Pandit) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS



### 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





Website - <u>www.tccollege.org</u> Contact – 02112-222405 / 223635

# 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 FRA (IIOT) AND CYBERSECURITY	MEWORK FOR THE INDUSTRIAL INTERNET OF THINGS
<ul> <li>(51) International classification H04L0029060000, H04L0029080000, G06N0020000000, G06N0020000000, G06N002000000, G06N002000000, G06N002000000, G06N00200000, G06N0020000, G06N0020000, G06N0020000, G06N00200000, G06N0020000, G06N0012240000</li> <li>(51) International Application NA</li> <li>(c) Divisional to Application NA</li> <li>(c) Divisional to Application NA</li> <li>Filing Date NA</li> <li>Filing Date NA</li> <li>(c) Divisional to Application SA</li> <li>(c) Divisional to Application SA</li></ul>	(71)Name of Applicant : 1)Dr. RAVIRANJAN KUMAR SINGH Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ECEN, KASHI INSTITUTE OF TECHNOLOGY VARANASI-221307. Varanasi 3)DR. K KAMALI 3)DR. K KAMALI 3)DR. K KAMALI 3)DR. MANIKANDAN 4)DR. APARNA MADHUKAR PAWAR 5)CMAHALAKSHMI 6)APIRAJITHA P. 5 7)DR PUNAM RATTAN 8)R. RENUKA DEVI 9)DR. PARULPRAKASH 10)KARTHIKAVANI 1)DR. YIKAS TRIPATHI 12)DR P JOEL JOSEPHSON Name of Applicant : NA 7(2)Name of Inventor : 1)Dr. RAVIRENJAN KUMAR SINGH 4ddress of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ECEN, KASHI INSTITUTE OF TECHNOLOGY VARANASI-221307. Varanasi 3)DR. K KAMALI 4ddress of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE Cuddalor

(>/) 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

The Patent Office Journal No. 22/2022 Dated 03/06/2022

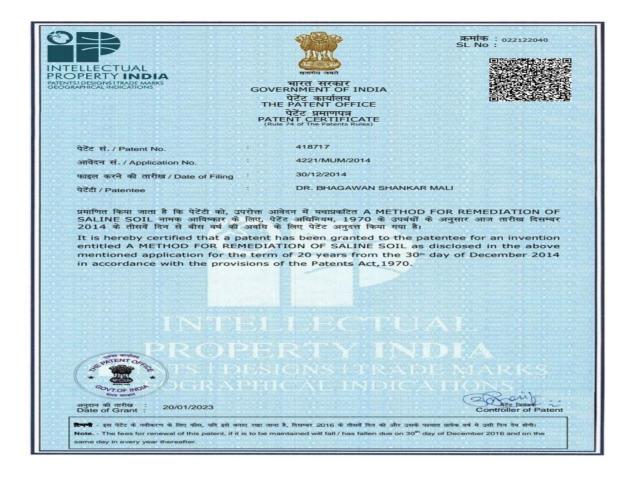


# Patent Awarded for Device for Testing Moisture Content in Soil. 2022-23

COVTOF INDA	संप्रमेत जबते संप्रमेत जबते भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE	ORIGINAL मुल/No : 123694
CEI	डिजाइन के पंजीकरण का प्रमाणपः TIFICATE OF REGISTRATION OF	त्र <sup>-</sup> DESIGN
डिजाइन सं./Desi तारीख/Date पारस्परिकता तारीख देश/Country	yn No. : / Reciprocity Date* : :	373554-001 03/11/2022
IN SOIL से संबंधित है, का पंजी Dattatraya Deshpande 3.1 संख्या और तारीख में कर लिया ज Certified that the desi number and date given a DEVICE FOR TESTING MC Kothawale 2. Dr.Jagdis Dr.Avinash Jagtap. डिजाइन अधिनियम, 2000 तथा हि	iलग्न प्रति में वर्णित डिजाइन जो <b>DEVICE FO</b> srरण, श्रेणी <b>10-05</b> में 1.Dr.Aniket Side rr.Ashok Ekanath Kalange 4.Prof. D या है। In of which a copy is annexed here sove in class <b>10-05</b> in respect of th I <b>STURE CONTENT IN SOIL</b> in the r I Dattatraya Deshpande 3.Dr.As जाइन नियम, 2001 के अध्यथीन प्रावधानों के the provisions of the Designs Act, 2000	dhaling Kothawale 2. Dr.Jagdish Dr.Avinash Jagtap के नाम में उपर्युक्त to has been registered as of the ne application of such design to hame of 1.Dr.Aniket Siddhaling shok Ekanath Kalange 4.Prof. अनुसरण में।
निर्गमन की तारीख/Date of Issue : 04/01/20 	ATENTELLECTUAL PROPERTY IND ATENTS I DESIGNS I TRA GEOGRAPHICAL INDICA 3 Controller देश के नाम पर की गई है। डिजाइन का सत्याधिकार पंजीकरण व में की अतिरिक अवधि के लिए किया जा सहेगा। इस प्रमाण पत्र	A DE MARKS TIONS महानिवेबक पेंट्र-डिजाइन और व्यापरि विंह General of Patents, Designs and Trade Marks की तारीख से दस वर्षों के लिए होगा जिसका विस्तार,



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





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

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ALL PARTY OF THE	2			पूरा/No : 129898
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	GOVERNM पेटेंट THE PAT	त सरकार IENT OF IND कार्यालय TENT OFFICE		
	डिजाइन के पंज CERTIFICATE OF RE	GISTRATION	OF DESIGN	
डिजाइन सं.।	Design No.	:	378179-001	
तारीख / Date		:	28/01/2023	
पारस्परिकता	तारीख / Reciprocity Date*	:		
देश / Counti	ry	:		
In pursuance of and subj	ject to the provisions of the	Designs Act, 2	000 and the Desigr	is Rules, 2001.
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विश्वेषव की तारीमा Date of Issue : 28	021013	Cor	troller General of Pater	ts. Designs and Trade M



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

	TO:	ORIGINAL
		原刊 代 Serial No.: 140182 回いた人(回
INTELLECTUAL PROPERTY INDIA		
	nets rel	
		Patent Office, Government Of India
ढिजाइन के पंजीक	त्रण का प्रमाण पत्र   Cer	tificate of Registration of Design
डिनाइन सं. / Design No.	: 383694-001	
तारीख / Date	: 11/04/2023	
पारस्परिकता तारीख / Reciprocity (	Date" :	
देश / Country	:	
प्रमाणित किया जाता है कि संलग्न अ	रति में वर्णित डिजाइन जो STRES	S AND ANXIETY DETECTION BAND से
संबंधित है, का पंजीकरण, श्रेणी 2 Talekar 3.Dr. Amey Vina	4-01 में 1.Dr. Gautam Sh yak Kale के नाम में उपर्युक्त संस	ahuraje Jadhav 2. Dr. Ashish Madhav व्या और तारीख में कर लिया गया है।
the number and date give design to STRESS AND	ven above in class 24-01 ANXIETY DETECTION	xed hereto has been registered as of In respect of the application of such BAND in the name of 1.Dr. Gautam ar 3.Dr. Amey Vinayak Kale.
डिजाइन अधिनियम, 2000 तथा वि	डेजाइन नियम, 2001 के अप्यर्पान	
		arail
Date of Lune 06/07/2023		नहानियांडर देटेट रिडजाइन और व्यापीर सिह
Calle of Tronge :		Competer General of Patents, Designs and Trade Marks
		का स्वत्वाधिकार प्रजीकरण की तारीख से दस वर्ष के लिए होगा जिसका 1 जा सकेगा। इस प्रमाज पर कर उपयोग विधिक कार्यवाहियों अथवा विदेश में
The recipercits date (if any ) which has	been allowed and the same of the	5
proceedings or for obtaining registration		Copyright in the design will subsist for ten years from the date of ather period of five years. This Certificate is not for use in legal



# Patent for "Process for Extractions of Coir" 2023-24



REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

17

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.

estimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 28<sup>th</sup> day of June 2023

Registra atants



# Patent Awarded for "Artificial Intelligence based Cybersecurity device for Military Networks." 2023-24



Design number: 6308358

203 Intellectual Property Office

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 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



# Patent Awarded for "IOT Based Soil Moisture Level Indicator" 2023-24

ORIGINAL क्रम सं/ Serial No : 145830 INTELLECTUAL PROPERTY INDIA 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. 394098-001 तारीख / Date 30/08/2023 पारस्परिकता तारीख / Reciprocity Date\* : देश / Country प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो IOT BASED SOIL MOISTURE LEVEL INDICATOR से संबंधित है, का पंजीकरण, श्रेणी 10-04 में 1.Dr. Suhas Namadev Patil 2. Dr. Aparna Madhukar Pawar 3.Mr. Sawapnil Jadhav Deelip 4.Dr. Ghansham Bhagat के नाम में उपर्यूक्त 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 10-04 in respect of the application of such design to *IOT BASED SOIL MOISTURE LEVEL INDICATOR* in the name of 1.Dr. Suhas Namadev Patil 2. Dr. Aparna Madhukar Pawar 3.Mr. Sawapnil Jadhav Deelip 4.Dr. Ghansham Bhagat. डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. महानियंत्रक पेटेंद्र डिजाइन और व्यापीर चिह्न जारी करने की तिथि : 12/10/2023 Controller General of Patents, Designs and Trade Marks ॰पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँव 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 "AI Enhanced Garment for Optimal Health Management" 2023-24

### Certificate of Registration for a UK Design

Design number: 6343601

203

Office

Intellectual Property

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:

Al 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/tpo



# Patent Awarded for "Analysis Computer for Evaluating Effect of Social Media on Social Harmony" 2023-24

#### KO3 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

Alon 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

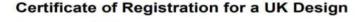


# Patent Awarded for "Photocatalytic Water Purification Device" 2023-24





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



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 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



203

Office

Intellectual Property

Alon 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



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

ORIGINAL 파퍼 판/ Serial No. : 16529 모아아아 TELLECTUAL OPERTY INDIA 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 17/02/2024 तारीख / Date 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 Shriram Gore के नाम में उपयुक्त 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 Shriram Gore. डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. epiferter en viter upifertere de correct füg der General of Patents. Designs and Trade Marks जारी करने की तिथि : Date of Issue : 19/04/2024 •पारस्परिकता सारीख (यदि कोई हो) लिसकी अनुमति दी गई है तथा देश का नाम। हिलाइन का सलगाविकार पंजीकरण की तारीख से इस वर्षे के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निवधनों के जायेंग, पाँच वर्षों की जीतीरेल जवपि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विश्विक कार्यवाहियों अपया विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो बकरता है। The reciprocitade (If any Mich 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





www.gov.ukipo



# Patent Awarded for "Petri Plate Holder" 2023-24

ORIGINAL क्रम सं/ Serial No. : 16820 0020 PROPERTY INDIA 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 ਸਰਕਾਰ, 05987 G2CM? 571% 3 5% 20/03/2024 तारीख / Date पारस्परिकता तारीख / Reciprocity Date\* : देश / Country प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो PETRI PLATE HOLDER से संबंधित है, का पंजीकरण, त्रेणी 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 अध्यधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. Cateril :: उन्तन भी भंडित जारी करने की तिथि : Date of Issue : 03/05/2024 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 स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच यर्षों 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। sources and users in cost of the form of the set of the proceedings or for obtaining registration abroad.



# Patent Awarded for Fan for Personal Use 2023-24

معدده معدم الرابطي الذي الأركومي بلد الما الما	ാറ്റ് 2000 പ്രത്യാം ചിട്ട്രിൽ संपदा या कार्यालय പ്രത്യാക്കാം എല്ലാലാകൾ. എந്திய 2 TELLECTUAL OPERTY INDIA പ്രത്യാക്കാക്കാം അനുലർ	الم بالالة المراجعة ا مراجعة المراجعة المراجع محملة المراجعة المراجع	ORIGINAL बाल्ट विलाध के कम सं/ Senal No. 169128
त्वकान, बोर्द्ध	स्वितिति सिंहित्साले परिदेट कार्यालय, भार	सत्यमेव जयते त सरकार The Patent	Office, Government Of India
ਸਰਕਾਰ, 0500	त्र दरकार के पंजीकरण का । डिजाइन के पंजीकरण का ।	८१३०७३, बौद्धिक संघदा चा कार्यालय, भ	of Registration of Design
वीद्धिक सम्पत्ति ए`गलफ्र~ए	لی افس، حکومت بند , कार्यालय, भारत संस्कार ७ प्रोह्न ऊष्टक्राँडरे, बहिगोनां नबां बिसंधान , भारत स	التليكجونل برابرا, ಮಥೆ సంపత్త కార్యా तरकार, बोद्धिक संपदा कार्यालय, भारत स	లయము, భారత ప్రభుత్వము, కొరెగ్ ింగాగుణి టిగాగ శాగా, Intellectual Property Office, Government of h
वोषित्व महित्य वेषित्व संप्रिय	नाइन सं. / Design No. :	410640-001	र्यालय, खात्रज जत्रकात, यग्द्रिह खरु, हंखेल्ठ, कार्टांड ठंक மലയം, ഭാരത സർക്കാർ, बौद्धिक संपदा कार्यालय,
सरकार, धी <sup>1</sup> तार	रीख / Date वावड मनवान, केव्वक्षेत्र ७२०७१ :	15/03/2024	0589, बोद्धिक संपदा चा कार्यालय, भारत सरकार, 6वीबिब अञ्चालालाम्हार, जीकेकीम, आएक, २२, २२, ५०, ७३, ७३,
्यार	रपरिकता तारीख / Reciprocity Date* :		المعنى المعنى المعنى المعنى
Office, Goda	/ Country dia, বোদিনৰ সম্পত্তিৰ কাৰ্যাল : ভ		নে মংকাং, বৌদ্ধিক সংশদ কার্যালয়,ভারত সরকার, এ
बोद्धिक संपदा प्रम	ाणित किया जाता है कि संलग्न प्रति में व	ৰৰ্ণিत डिजाइन जो FAN FOR	PERSONAL USE से संबंधित है, का
			li 2. Mr. Vinayak Arun Bhagat
	intellectual Property Office, Government of It	Dattatray Balu Shinde के	नाम में उपर्युक्त संख्या और तारीख में कर
	मा गया है। अन्यत सत्र वर्धरी, कार्वत वकारव स्टब्स् प्राप्त कर्मने बीटिक संपदा कार्यात्व	, बाध्दिक संपत्ती कार्यालय, भारत सरका । भारत सरकार, घोंपिल मॅभ्रेडी रुळडठ,	reto has been registered as of
ang)مرهدth de	e number and date given abo	ve in class 03-04 in resp ISE in the name of 1.Pro	pect of the application of s <mark>uch and a such and a such and a such and a such a </mark>
ज्यकाय, बाहि जीह्रिक्संपद् <del>हिर</del>	नाइन अधिनियम, 2000 तथा डिजाइन निय	म, 2001 के अध्यधीन प्रावधानों ब	के अनुसरण में।
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	pursuance of and subject to t	he provisions of the Des	igns Act, 2000 and the
	pursuance of and subject to t esigns Rules, 2001.	he provisions of the Des الله ومدة معنى الله والمعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية و المعالية المعالية الم	igns Act, 2000 and the
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# Patent Awarded for "Smart Real Time Electronic System for Monitoring Food Grain Storage in Warehouse Application."



### 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

Along 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



### Patent Awarded for "Petri Plate"

ORIGINAL क्रम सं/ Serial N NTELLECTUAL PROPERTY INDIA 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. 409615-001 TT. 05007 G2C02 6720 3 60 07/03/2024 तारीख / Date पारस्परिकता तारीख / Reciprocity Date\* : देश / Country प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो PETRI PLATE से संबंधित है, का पंजीकरण, श्रेणी 24-02 में 1.Dhawal Vidyachandra Doshi 2. 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 in the name of 1. Dhawal Vidyachandra Doshi 2. Manas Chetan Shah. डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. Coreil : उन्हारा भी भांडरा महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न जारी करने की तिथि : 10/05/2024 Controller General of Patents, Designs and Trade Marks ॰पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार 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 The requestly due to any which has been answer and up name on the country copyright in the darge many stansist for the years from the darge of the 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.<sup>1</sup> ORCHINESE, STIPPAULE, STIP



# Patent Awarded for "Wire Loop"

ORIGINAL क्रम सं/ Serial No. : 17062 INTELLECTUAL PROPERTY INDIA 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. 411099-001 तारीख / Date 20/03/2024 पारस्परिकता तारीख / Reciprocity Date\* : देश / Country प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो WIRE LOOP से संबंधित है, का पंजीकरण, श्रेणी 24-02 में 1.Yogini Ramkrishna Mulay 2. Kajal Mahadev Gaikwad 3.Komal Ramchandra Jagtap 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 WIRE LOOP in the name of 1. Yogini Ramkrishna Mulay 2. Kajal Mahadev Gaikwad 3.Komal Ramchandra Jagtap 4.Manas Chetan Shah. डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. Barterils उत्तात भी भाँडेव महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न जारी करने की तिथि : 22/05/2024 Date of Issue : Controller General of Patents, Designs and Trade Marks ॰पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार 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। Volume of the vertex of the ve



<b>Patent Awarded for</b>	"An Integrated	IoT and artificial	intelligence system for
improved	<b>Plant productio</b>	n in greenhouse a	pplications"

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	<ul> <li>Federal Republic of Germany</li> </ul>	
	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: Doshpande, Jagdish Dattatraya, Prof. Dr., Pune, Maharashtra, IN Kulkarni, Sachin Babasaheb, Dr., Solapur, Maharashtra, IN Patil, Suhas Namadev, Dr., Kolhapur, Maharashtra, IN Pawar, Aparna 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	
	Ena Schemier	
	Eva Schewior	
	Eve Sulewur	
	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.	
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