Government of Maharashtra



Government College of Arts & Science, Aurangabad (M.S)

(Established in 1923) (Kile Ark. Near Subhedari Guset House, Aurangabad)

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3.3. Research Patents and Awards

List of research Patent

Sr. No	Name of the Awardee/Faculty member	Title of an award/Registration	Awarding Agency	Year
1	Dr. Sayyed Abrar Ahmed	Chemical fractionation and bioavailability of selected heavy metals in sediments of river	The Patent Office Journal No. 23/2022	2022
2	Dr.S.B. Dongre	Insulin Injector Device	The Patent office, Government of India, Dated 16/11/2022	2022
3	Dr.S.B. Dongre	Insulin Injector Device	Australian Government, IP Australia	2022
4	Dr.S.B. Dongre	Device to Detect Homeostatic Function in Animals	The Patent office, Government of India, Dated 16/12/2022	2022
5	Dr. Surrendra Thakur	Jay Joshi Sandarbha Granth /Kramik Granth Puraskar	Marathi Samajshastra Parishad	2021-
6	Dr. Ajaykumar C. Gandhi	Best Reseach Paper Presentation Award	Raj Rishi Government Autonomous College, Alwar	2021-
7	Dr. Vaishali L. Deshmukh	Award for Best Research Parer Presentation	Marathi Arthshastra Parishad, Chandur Bajar, Amravati	2021-
8	Dr.S.B. Dongre	Indo-Asian William Harvey Distinguished Innovative Scientist Award In Animal	International dialogue on UN sustainable Goals and International Academic Awards 2020	2020 - 21
9	Dr.S.B. Dongre	Excellence in Education & Research	Sadvi Foundation MSME Govt, Of India & Research Education Solutions.India	2021-
10	Dr. S. A. Saraf	Eminent Entomologist Award:	Asian Biological Research Foundation	2021-

Dr. R. H. Satpute

Principal

Government College of Arts & Science, Aurangabad

Govt. Callege of Arts & Science Aurengebad

पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 23/2022 ISSUE NO. 23/2022

शुक्रवार FRIDAY दिनांकः 10/06/2022

DATE: 10/06/2022

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE



(19) INDIA

(22) Date of filing of Application :07/04/2022

(43) Publication Date: 10/06/2022

(54) Title of the invention: CHEMICAL FRACTIONATION AND BIOAVAILABILITY OF SELECTED HEAVY METALS IN SEDIMENTS OF RIVER

 $(51)\ International\ classification\ A61K0033340000,\ A62D0101430000,\ B09C00010800000,\ A23L0033105000,\ A61K0031702000$

(86) International Application
No
Filing Date
(87) International Publication
No
(61) Patent of Addition to

(61) Fatelit of Adultion to :NA
Application Number :NA
Filing Date :NA
Number :NA
Filing Date :NA

(71)Name of Applicant:

1)Dr. Iqbal Najiroddin Shaikh

Address of Applicant: Vice Principal, Head and Associate Professor, Department of Chemistry Poona College of Arts, Science and Commerce, Camp, Pune Pin:411001 State: Maharashtra Country: India --------

2)Dr. Shaikh Shafikh Mahebub 3)Dr. Shaikh Faazil Shaikh Raheem 4)Dr. Chavre Bhagwat Walmik 5)Dr. Syed Abrar Ahmed

Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor :

1)Dr. Igbal Najiroddin Shaikh

Address of Applicant: Vice Principal, Head and Associate Professor, Department of Chemistry Poona College of Arts, Science and Commerce, Camp, Pune Pin:411001 State: Maharashtra Country: India -------

2)Dr. Shaikh Shafikh Mahebub

Address of Applicant: Assistant Professor, Head, Department - Department of Botany Poona College of Arts Science and Commerce, Camp, Pune Pin:411001 State: Maharashtra Country: India.

3)Dr. Shaikh Faazil Shaikh Raheem

Address of Applicant: Assistant Professor Department of Chemistry Poona College of Arts Science and Commerce, Camp, Pune Pin:411001 State: Maharashtra Country: India -------

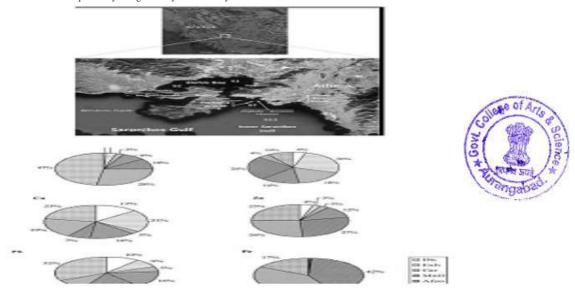
4)Dr. Chavre Bhagwat Walmik

Address of Applicant :Assistant Professor, Head, Department - Department of Botany MVP Samajs, Arts, Commerce and Science College, Nandgaon, Dist. Nashik Pin: 422206 State:

Maharashtra Country: India -----

(57) Abstract:

Chemical Fractionation and Bioavailability of Selected Heavy Metals in Sediments of River Abstract: The chemical fractionation of metals such as lead, cobalt, and chromium found in soils surrounding India's Lakwa oil field was investigated via sequential extraction. This is true for each of the seven heavy metals examined. According to the study, the most critical aspect is the residual percent. For non-residual fractions, the most critical connection between metals and Fe–Mn oxides is that they are most closely related to this group. Copper, cadmium, zinc, and lead are the top three most toxic heavy metals that can have a detrimental effect on human health. The carbonate fraction contains a greater concentration of lead (Pb) than other metals. This is true in the winter as well as the summer. Due of lead's toxicity, it may be hazardous to the environment; therefore The exchangeable fraction contains modest metal concentrations, indicating that these metals are not very bioavailable. Soils and metal fractions may not necessarily exhibit the same physicochemical properties. When compared to recognized criteria of normal abundance and geological background, local mean metal levels are two to four times greater than in the past. These statistics are consistent with a healthy population of the species. The way metals interact with the earth at this place may be significantly influenced by human actions.



No. of Pages: 10 No. of Claims: 7





भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.

375714-001

तारीख / Date

16/12/2022

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DEVICE TO DETECT HEMOSTATIC FUNCTION IN ANIMALS** से संबंधित है, का पंजीकरण, श्रेणी **24-01** में 1.Dr. Sangeeta Bhimrao Dongre 2. Dr. Dhananjay Shivajirao Patil 3.Dr. Prakash Tanaji Wankhedkar 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 **DEVICE TO DETECT HEMOSTATIC FUNCTION IN ANIMALS** in the name of 1.Dr. Sangeeta Bhimrao Dongre 2. Dr. Dhananjay Shivajirao Patil 3.Dr. Prakash Tanaji Wankhedkar.

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.



INTELLECTUAL PROPERTY INDIA PATENTS | DESIGNS | TRADE MARKS

GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 25/01/2023

महानियंत्रक पेंट्रेंट डिजाइन और व्यापार चिह्र 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 अविध 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 : 127411







भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.

374252-001

तारीख / Date

16/11/2022

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **INSULIN INJECTOR DEVICE** से संबंधित है, का पंजीकरण, श्रेणी **24-02** में 1.Dr. Prakash Tanaji Wankhedkar 2. Dr. Shaikh Hasim Mohammed Isak 3.Dr Sangeeta Bhimrao Dongre 4.Dr. Yusuf Ebrahim Patel 5.Dr. Prashant Kantilal Bagul 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 **INSULIN INJECTOR DEVICE** in the name of 1.Dr. Prakash Tanaji Wankhedkar 2. Dr. Shaikh Hasim Mohammed Isak 3.Dr Sangeeta Bhimrao Dongre 4.Dr. Yusuf Ebrahim Patel 5.Dr. Prashant Kantilal Bagul.

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.



INTELLECTUAL PROPERTY INDIA PATENTS | DESIGNS | TRADE MARKS

GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 02/03/2023

महानियंत्रक पेंट्रेंट डिजाइन और व्यापार चिह्र 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 अविध 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: 130123





CERTIFICATE OF REGISTRATION DESIGN

Design number: 202215235

The Registrar of Designs has registered the design represented on this certificate and certifies that the following particulars have been entered in the Register of Designs.

Name and address of owner(s):

Dr. Prakash Tanaji Wankhedkar of Assistant Professor, Department of Zoology M.J.M. Arts, Commerce and Science College Karanjali, Tal. Peth, Dist. Nashik Maharashtra 422208 India

Dr. Shaikh Hasim Mohammed Isak of Assistant Professor Head of Department of Zoology Smt.N.N. C. College Kusumba Dhule Maharashtra 424302 India

Dr Sangeeta Bhimrao Dongre of Assistant professor Department of Zoology Government College of Arts and Science Aurangabad Maharashtra 431001 India

Dr. Yusuf Ebrahim Patel of Assistant Professor Department of Zoology Iqra Education Society's H. J. Thim College of Arts and Science Mehrun Jalgaon Maharashtra 425001 India

Dr. Prashant Kantilal Bagul of Research Scholar Department of Zoology Karm. A.M. Patil Arts, Commerce and Science College, Pimpalner Maharashtra 424306 India

Product to which the design is registered:

INSULIN INJECTING DEVICE

Name of designer(s):

Dr. Prakash Tanaji Wankhedkar, Dr. Shaikh Hasim Mohammed Isak, Dr Sangeeta Bhimrao Dongre, Dr. Yusuf Ebrahim Patel and Dr. Prashant Kantilal Bagul

Date of filing:

2 September 2022

Date of registration:

25 October 2022

Term of initial registration:

Five years commencing on 2 September 2022

Statement of newness and distinctiveness:

The features of Shape and Configuration of the INSULIN INJECTING DEVICE shown in the accompanying representations are considered to be new and distinctive.

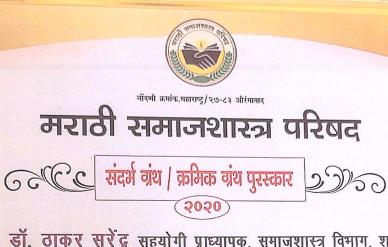
NOTE: This Design Registration cannot be enforced unless and until it has been examined by the Registrar of Designs and a Certificate of Examination has been issued. See sections 73(3) and 77(3) of the Designs Act 2003, set out on the reverse of this document.





Dated this 28th day of October 2022

Registrar of Designs



प्रा. डॉ. ठाकूर सुरेंद्र सहयोगी प्राध्यापक, समाजशास्त्र विमाग, शासकीय महाविद्यालय औरगाबाद यांनी प्रकाशित केलेला "The Darker Side of Farmers Wives'' हा उत्कृष्ट दर्जाचा क्रिमक / संदर्भग्रंथ आहे. याचा मराठी समाजशास्त्र परिषदेला सार्थ अभिमान आहे. या त्यांच्या ग्रंथास कै.जय जोशी संदर्भ/क्रिमिक गुंथ पुरस्कार २०२० सन्मानित करण्यात येत आहे.

दिनांक - ११ एप्रिन २०२२ ठिकाण - रत्नागिरी

मराठी समाजशास्त्र परिषद

Govt. College of Arts & Scienceमराठी समाजशास्त्र परिषद Aurangabad



मराठी समाजशास्त्र परिषद

(नोंदणी कमांक : महाराष्ट्र /२७-८३ औरंगाबाद)

अध्यक्ष

सचिव

डा. नारायण कांबळे

डॉ. वेदप्रकाश मलवाडे

डॉ. बळीराम पवार

मो. ९९२११५३१५९

मो. ९४२२९६४५७३

मो. ९७६६६३७२३९

ntkamble1211968@gmail.com

dr.mvedprakash@gmail.com balirampawar76@gmail.com

कार्यकारीणी सदस्य

प्रा. शिवाजी उकरंडे मुंबई विद्यापीठ, मुंबई

डॉ. संजय कोळेकर सावित्रीबाई फुले पुणे विद्यापीठ,पुणे

डॉ. प्रदिप गजभिये राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर

डॉ. नवनाथ शिंदे डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद

डॉ. भाग्यश्री पाटील शिवाजी विद्यापीठ, कोल्हापूर

डॉ. श्रीराम खाडे संत गाडगेबाबा अमरावती विद्यापीठ, अमरावती

डॉ. प्रशांत सोनवणे क. बहीणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगांव

डॉ. प्रवीण घोडेस्वार यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक

डॉ. स्निग्धा कांबळे गोंडवाना विद्यापीठ, गडचिरोली

डॉ. मंगलमूर्ती धोकटे पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर

डॉ. हिरालाल भोसले एस.एन. डी. टी. विद्यापीठ, जावक क्र. २०/२०२१-२२

दिनांक २२/०३/२०२२

प्रती.

प्रा. ठाकुर सुरेंद्र,

सहाय्यक प्राध्यापक, समाजशास्त्र विभाग, शाशकीय महाविध्यालय, औरंगाबाद.



विषय: मराठी समाजशास्त्र परीषदेतर्फे दिला जाणारा 'जय जोशी संदर्भ ग्रंथ / क्रमिक ग्रंथ पुरस्कार-२०२०'

आदरणीय महोदय.

सप्रेम नमस्कार आणि आपले हार्दिक अभिनंदन!

मराठी समाजशास्त्र परिषद ही समाजशास्त्र विचारविश्वातील एक शिखर संस्था आहे. या संस्थेच्या माध्यमातून समाजशास्त्र विषयात ज्यांनी अध्ययन, अध्यापन, संशोधन आणि ग्रंथनिर्मिती क्षेत्रात महत्वपूर्ण योगदान दिले आहे. अशा कर्तव्यनिष्ठ प्राध्यापकांना मराठी समाजशास्त्र परिषदेतर्फे 'जय जोशी संदर्भ ग्रंथ / क्रमिक ग्रंथ प्रस्कार' या प्रस्काराने सन्मानित केले जाते.

या अनुषंगाने आपण लिहिलेल्या 'The Darker Side of Farmers Wives' या संदर्भ ग्रंथासाठी आपणास 'जय जोशी संदर्भ ग्रंथ / क्रमिक ग्रंथ पुरस्कार -२०२०' या राष्ट्रीय पुरस्काराने सन्मानित करण्यासाठी मराठी समाजशास्त्र परिषदेने गठीत केलेल्या निवड समितीने या पुरस्कारासाठी आपली निवड केली आहे. याप्रती आपले हार्दिक अभिनंदन!

सदरील पुरस्कार वितरण समारंभ सोमवार दिनांक १२ एप्रिल २०२२ रोजी दुपारी ०१.०० वाजता गोगटे-जोगळेकर महाविध्यालय, रत्नागिरी येथे आयोजित मराठी समाजशास्त्र परिषदेच्या ३१ व्या राष्ट्रीय अधिवेशनात संपन्न होत आहे. तरी आपण या पुरस्काराचा स्विकार करण्यासाठी उपस्थित राहावे अशी आपणास मराठी समाजशास्त्र परिषदेतर्फे विनंती करण्यात येत आहे.

धन्यवाद!

मराठी समाजशास्त्र परिषद

कार्यालयः पदवी व पदव्यूत्तर समाजशास्त्र विभाग, स्वामी विवेकानंद महाविद्यालय, शिरूर ताजबंद, ता. अहमदपूर जि. लातूर ४१३५१४ website: www.mspmonline.com E-mail: marathisocio@gmail.com

> PRINCIPAL Govt. College of Arts & Science Aurangabad

RAJ RISHI GOVT. AUTONOMOUS COLLEGE, ALWAR(RAJASTHAN)



CERTIFICATE OF MERIT

THIS IS TO CERTIFY THAT

Ajaykumar Gandhi

from

Government college of Arts and Science, Aurangabad has been bestowed with the Best Paper Presentation Award for the Research Paper "QSAR Evaluation of Amylase Inhibitors for the anti-Hyperglycemic Lead Development" in the International Conference on Multidisciplinary aspects of Environment and Sustainable Development

organized by Department of Zoology at Raj Rishi Govt. Autonomous College from 15th – 18th Dec. 2021.







Prof. (Dr.) Hukam Singh Patron & Principal

Covt. College of Arts & Science Aurengabad

> Dr. Kalpana Soni HOD, Zoology

Dr. Mamta Sharma Organising Secretary



मराती अर्थशास्त्र परिषद्

सन्मानपत्र

प्रा.डॉ. वैशार्छ। छ . दशमुख - ताईक

यांना

मराठी अर्थशास्त्र परिषदेच्या ४४ व्या राष्ट्रीय वार्षिक अधिवेशनात नां.नां.टोस्ये कला.वाणिज्य व विज्ञान महाविद्यालय, चांद्र वाजार,जि.अमरावता

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