

**RESEARCH HIGHLIGHTS****Awards for Innovation won by Institution/Teachers/Research scholars/Students****YEAR 2022 – 2023**

<b>Name of the teacher</b>	<b>Name of the Award</b>	<b>Year of Award</b>
S. Akila	Outstanding Contribution in Research & Development	Institute of Social Reforms and Higher Education, Charitable Trust, Uttar Pradesh
S. Akila	Academic Excellence and Research Innovation Award	Golden Gurus - GRT
J. Kalaimathi	DST-FIST Preliminary Meeting	DST FIST
J. Kalaimathi	Excellence in Teaching and Research in Medical Sciences	Sidvi Foundation, Visakhapatnam, Andhra Pradesh
J. Kalaimathi	Innovative Research Award for Reviewer	Golden Gurus - GRT
R. Karthika	Young Researcher Award	International Award Ceremony (MEDHA)
S. Revathi	Academic Researcher Award	International Award Ceremony (MEDHA)
J. Revathi	Best paper Writing Award	International Award Ceremony (MEDHA)
A. Muthuraja	Young Researcher Award	Golden Gurus - GRT
K. Dhanalakshmi	Innovative Research award	Golden Gurus - GRT
S. Manimekalai	Research Excellence Award	Golden Gurus - GRT
S. Manimekalai	Teaching & Research Excellence Award	Gurukul Academic Awards - 2022
A. Muniyappan	Research Excellence Award	International Award Ceremony (MEDHA)
A. Muniyappan	Academic Excellence award for Best Research Paper	Golden Gurus - GRT
K. Manohari	Technological Innovation Award	International Award Ceremony (MEDHA)
M. Tharaniya	Best Paper Presentation Award	International Award Ceremony (MEDHA)
B. Sridevi	Academic Excellence and Research Innovation Award	Golden Gurus - GRT

S Rajalakshmi	Best Paper Presentation Award	E.S Arts & Science College (Co- Ed)
N. Prabha	Best Paper Presentation Award	E.S Arts & Science College (Co- Ed)
S. Selvakumar	Best Paper Presentation Award	E.S Arts & Science College (Co- Ed)

**YEAR - 2021-2022**

<b>Name of the teacher</b>	<b>Name of the Award</b>	<b>Year of Award</b>
B. Sridevi	Best Woman researcher Award	Universal Society for Research & Development In Association With Scieng Publications, Dr Yellapragada Lifesciences
J. Kalaimathi	Elsevier Reviewer - Article 1	Journal of King Saud University: Science
J. Kalaimathi	Outstanding contribution in Medical Science	Universal Society for Research & Development In Association With Scieng Publications, Dr Yellapragada Lifesciences
A. Muniyappan	Young Scientist Award	Institute of Researchers, Kerala.
A. Muthuraja	Best Paper Award	SSN Institution, Kalavakkam
B. Sridevi	Best Academician Award	International Journal for Innovative Engineering and Management Research

**YEAR 2020 - 2021**

<b>Name of the teacher awarded</b>	<b>Name of the Award</b>	<b>Year of Award</b>
J. Kalaimathi	Research Excellence Award	Institute of Scholars, Bangalore
A. Muniyappan	Best Paper Award	Theivanai Ammal College for Women
S. Manimekalai	Indo Asian Ken Thomson Distinguished Innovative Scientist Award in Computer Science	A Project of the IMRF in Honour of The United Nations Seventy Fifth Anniversary
M. Brintha	Principal of the Year Award 2021	Institute of Scholars, Bangalore
K. Manohari	Best Paper Award	Bannari Ammal Institute of Technology
J. Kalaimathi	Guinness World Record	GUVI GEEK NETWORK PVT LTD & AICTE - INDIA
S. Sanuja	Best Paper Award	E.S Arts & Science College (Co- Ed)
N. Velmurugan	Best Paper Award	E.S Arts & Science College (Co- Ed)

**YEAR 2019 - 2020**

<b>Name of the teacher / Student awarded</b>	<b>Name of the Award</b>	<b>Year of Award</b>
J. Kalaimathi	Elsevier Reviewer - Article 3	South African Journal of Chemical Engineering
A. Muthuraja	Elsevier Reviewer - Article 1	Materials Today: Proceedings
S. Tamilarasi	Best Paper Award	E.S Arts & Science College (Co- Ed)

**YEAR 2018 - 2019**

<b>Name of the teacher / Student awarded</b>	<b>Name of the Award</b>	<b>Year of Award</b>
S. Akila	Software Training Workshops	IIT of Bombay
J. Kalaimathi	Awarded outstanding contribution in Reviewing - Article 2	Elsevier (Biochemistry and Biophysics reports - October 2018)
J. Kalaimathi	Elsevier Reviewer - Article 1	Canadian journal of Diabetes- May 2018
J. Kalaimathi	Elsevier Reviewer Recognition Award - Article 1	Biomedicine and pharmacotherapy
J. Kalaimathi	Elsevier Reviewer - Article 1	South African Journal of Chemical Engineering
A. Muthuraja	Elsevier Reviewer - Article 1	Wear
v. Manigandan	Book	Government Arts & Culture
J. Kalaimathi	Elsevier Reviewer - Article 1	Biochemistry and Biophysics Reports

### FACULTY RECOGNITION – Society Contribution

S.NO	Name of the teacher awarded	Name of the Award	Year of Award
1.	Ms.V.S.Selvi	Excellence in Academic Service Award (2022)	2022-2023
2.	Ms.R.Rajeswari	Excellence in Student Support Award	2022-2023
3.	Dr. T. R. Anandhi	Prithvi Award - Remarkable Contribution Towards Society	2022-2023
4.	Dr. V.Manikandan	Excellence in Community Service Award	2022-2023
5.	Ms.P.Kanchana	Excellence in Community Service Award	2022-2023
6.	Ms.B.Vasuki	Vocational Education and Training Excellence Award	2022-2023
7.	Dr.T.R.Anandhi	Leadership in Community Service Award	2022-2023
8.	Mrs.S.Dhanalakshmi	Excellence in Skill Based Community Service Award	2022-2023
9.	Ms.R.Karthika	Excel in Green Initiative Award	2022-2023
10.	Dr.S.Manimekalai	Global ICT Excellence Award	2022-2023
11.	Ms.M.Kalaivani	Best Digital Innovator of the Year Award	2022-2023
12.	Ms.R.Bharani	Award for Social Awareness	2022-2023

## PATENT

S NO	NAME OF THE PATENT	PATENT FILE NUMBER/PATENT NUMBER	TITLE OF THE PATENT	PUBLISHED /GRANT ACCEPTED
1	Dr. J. Kalaimathi	202141038799A	Fertilizer Usage Monitoring and Price Estimation System	Published-2021
2	Dr. J. Kalaimathi	202141041799A	Colpomeniasinuosa Based Biosynthesized Nanoparticles Composition for Diabetes	Published-2021
3	Dr. S. Manimekalai Ms. K. Manohari Ms. K. Subashini Ms. N. Prabha Ms. M. Kalaivani Ms. S. Vidhyavathi Ms. D. Sasikala Ms. L. Sugirtha Ms. K. Shanthi Ms. P. Aiswarya Ms. B. Suganthi	202141049990 A	A Method to Detect and Classify Epileptic Seizure	Published - 2021
4	Dr. M. Brintha Dr. J. Kalaimathi	353601-001	Steering wheel with Diabetes Monitoring	Grant accepted-2022
5	Dr.Somu. Manimekalai, Rachamdugu	6282384 (UK)	Smart spy Goggle for collecting images and real-time storing on Cloud	Design Grant 23/05/2023
6	Dr.A.Muniyappan, Dr.A.Muthuraja, Dr.Arumugam Muthuvel,	202341058937 A	System and method for Inventory Management	06/10/2023
7	Dr.A.Muthuvel,	398155-001	Nanotech based metal oxide identifying gloves	Design Grant 21/10/2023

8	Theivanai Ammal College for Women(A), Mr.S.Senthilkumr, Dr.S.Manimekalai, Ms.P.Gayathiri, Ms.N.Priya, Ms.R.Ramya, Ms.S.Sandhiya, Ms.R.Sivaranjani, Ms.R.Swetha, Ms.T.Vahithabegam, Ms.V.Vaishali	202341086965 A	Intelligent Patrol Robot and a control system thereof	19/12/2023
9	Dr. J.Kalaimathi , Ms. S. Revathi Ms.R. Karthika, Ms.M. Suriya, Ms.J. Deenamol, Ms. M. Tharaniya, Ms.V.Indumathy	403679-001	Biosensor Device to Detect Breast Cancer	Design Grant 02/01/2024



ORIGINAL  
क्रम सं/ Serial No: 158844



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. : 403679-001

तारीख / Date : 02/01/2024

पारस्परिकता तारीख / Reciprocity Date\* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BIOSENSOR DEVICE TO DETECT BREAST CANCER** से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1.Dr. J.Kalaimathi 2. Ms. S. Revathi 3.Ms. R. Karthika 4.Ms.M. Suriya 5.Ms.J. Deenamol 6.Ms. M. Tharaniya 7.Ms.V.Indumathy 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 **BIOSENSOR DEVICE TO DETECT BREAST CANCER** in the name of 1.Dr. J.Kalaimathi 2. Ms. S. Revathi 3.Ms. R. Karthika 4.Ms.M. Suriya 5.Ms.J. Deenamol 6.Ms. M. Tharaniya 7.Ms.V.Indumathy.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अन्वयानुसार 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 : 29/02/2024  
Date of Issue :



*(Signature)*  
इस्लाम की मंजूरि  
मानचित्रक 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 स्वाम्यधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अन्वये, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विरोध 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  
क्रम सं/ Serial No. : 157096



**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. : 398155-001  
तारीख / Date : 20/10/2023  
पारस्परिकता तारीख / Reciprocity Date\* :  
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **NANOTECH-BASED METAL OXIDE IDENTIFYING GLOVES** से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Dr. A. Muthuvel 2. Soorya Srinivasan 3.Dr. K. Kannagi 4.Dr. M.Jothibas 5.Dr. V. Eugin Amala 6.Dr.N.Mahendran 7.Dr.M.Manimaran 8.Dr. P. Anand 9.Dr.V. Kathiravan 10.Dr. M. Suresh 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 **NANOTECH-BASED METAL OXIDE IDENTIFYING GLOVES** in the name of 1.Dr. A. Muthuvel 2. Soorya Srinivasan 3.Dr. K. Kannagi 4.Dr. M.Jothibas 5.Dr. V. Eugin Amala 6.Dr.N.Mahendran 7.Dr.M.Manimaran 8.Dr. P. Anand 9.Dr.V. Kathiravan 10.Dr. M. Suresh.

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

आवे करने की तिथि  
Date of Issue : 15/02/2024



*(Signature)*  
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 स्वनायिकर 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 कार्यवाही/या अन्य 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.

## Certificate of Registration for a UK Design

Design number: 6282384

Grant date: 23 May 2023

Registration date: 15 May 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. Somu Manimekalai, Rachamadugu Sandeep Kumar, Dr. Kalpana Vadivelu,

Mr. Suraj Kumar, Dr. Brijesh Sathian, Nagamallikharjunarao Billa, Pallerla

Shantan Kumar, Dr. Sharad Timaji Tajane

in respect of the application of such design to:

SMART SPY GOGGLE FOR COLLECTING IMAGES AND REALTIME

STORING ON CLOUD

International Design Classification:

Version: 14-2023

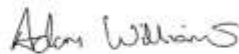
Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING EQUIPMENT

Subclass: 01 EQUIPMENT FOR THE RECORDING OR REPRODUCTION OF SOUNDS OR PICTURES

Version: 14-2023

Class: 16 PHOTOGRAPHIC, CINEMATOGRAPHIC AND OPTICAL APPARATUS

Subclass: 06 OPTICAL ARTICLES



**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.