



**INTELLECTUAL  
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

क्रमांक : 044129744  
SL No :



भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 366022  
आवेदन सं. / Application No. : 201841014691  
फाइल करने की तारीख / Date of Filing : 18/04/2018  
पेटेंटी / Patentee : 1.K. Sanjeev Vishal 2.Mrs. Kranthi Kaliki

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित HEAD GEAR AND INCISIVE BIKE FRAME FOR EXILE OF CIVILIANS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 18th day of April 2018 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled HEAD GEAR AND INCISIVE BIKE FRAME FOR EXILE OF CIVILIANS as disclosed in the above mentioned application for the term of 20 years from the 18th day of April 2018 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 04/05/2021  
Date of Grant :

पेटेंट नियंत्रक  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 18th day of April 2020 को और उसके पश्चात 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 18th day of April 2020 and on the same day in every year thereafter.





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GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

क्रमांक : 044127887  
SL No :



पेटेंट सं. / Patent No. : 361012  
आवेदन सं. / Application No. : 2734/CHE/2014  
फाइल करने की तारीख / Date of Filing : 04/06/2014  
पेटेंटी / Patentee : 1.S. LAVANYA PRABHA 2.R. SWETHA 3.R. SATHISH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित Building Brick नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 4th day of June 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled Building Brick as disclosed in the above mentioned application for the term of 20 years from the 4th day of June 2014 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 12/03/2021  
Date of Grant :

पेटेंट नियंत्रक  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 4th day of June 2016 को और उसके पश्चात 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 4th day of June 2016 and on the same day in every year thereafter.





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PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
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भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

क्रमांक : 044125350  
SL No :



पेटेंट सं. / Patent No. : 353906  
आवेदन सं. / Application No. : 1584/CHE/2011  
फाइल करने की तारीख / Date of Filing : 06/05/2011  
पेटेंटी / Patentee : SATHYABAMA UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित KAPPAPHYCUS ALVAREZII SAP EXTRACTOR नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 6th day of May 2011 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled KAPPAPHYCUS ALVAREZII SAP EXTRACTOR as disclosed in the above mentioned application for the term of 20 years from the 6th day of May 2011 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 17/12/2020  
Date of Grant :

पेटेंट नियंत्रक  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 6th day of May 2013 को और उसके पश्चात 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 6th day of May 2013 and on the same day in every year thereafter.



# 1. AU2021102178 - CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IOT NETWORKS



National Biblio. Data Description Claims Drawings Documents

PermaLink Machine translation

## Office

Australia

## Application Number

2021102178

## Application Date

24.04.2021

## Publication Number

2021102178

## Publication Date

20.05.2021

## Publication Kind

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## IPC

G16Y 30/10

H04L 9/32

H04L 9/40

H04W 12/00

H04W 12/062

H04W 84/18

## CPC

G16Y 30/10

H04W 84/18

H04L 63/1441

H04L 2209/80

H04W 12/009

H04W 12/062

[View more classifications](#)

## Applicants

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Muthumari, Rajesh

Priya, Krishna

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S, Arjun.

## Inventors

Angeline, M. Nisha

Asha, P.

Baulkani, S.

Gurusamy, Deivanai

Hussaini, M. Mohammadha

Manikandan, S. K.

## Title

**[EN]** CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IOT NETWORKS

CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IOT NETWORKS

Drawings:

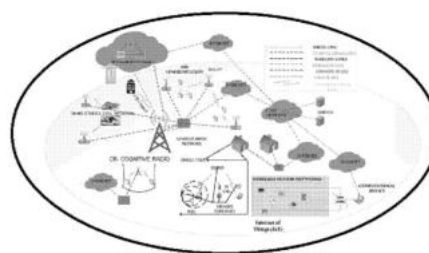


Figure 1: Cognitive IoT network



## Abstract

**[EN]** The Internet of Things (IoT) is the ability to give modern gadgets an opportunity to establish themselves and communicate with one another. Smart houses, smart communities, wearables, e health, and other IoT application domains are only a few examples. These smart systems would be able to accumulate, evaluate, and even make decisions without the need for human intervention. In such situations, security is paramount, and protection, in specific, is of critical importance, considering the potential harm that a fraudulent untrusted computer in an IoT system might cause. Restoration and confidentiality of individuals' sensitive data was always a key problem to contend with. This problem has become much more difficult on the Internet of Things (IoT), which enables millions of implementations. Several techniques and strategies to protect privacy are now possible but each one has one or more flaws. This invention proposes the popular approach for authenticating actions is the Challenge Response Authentication Mechanism [CRAM]. They are a suite of protocols in which one side issues a question [which must be answered] and the other side must respond with a correct response to be validated. A dynamic approach to Challenge preference and verification is used in dynamic questions. The challenges are chosen at random with the assumption that the person will identify the correct answer if the user is genuine. A data protection and reliability review of the system discloses that they are indeed quite versatile towards various forms of threats and are rather efficient in terms of computing, storage, resources, and connectivity overhead. The configurations suggested are appropriate for implementations in realistic period and are an enticing solution for deploying mutual





Muthumari, Rajesh  
Priya, Krishna  
Rajavel, A.  
S., Arjun.

**Agents**

raj, Kevin MR

authentication in IoT network. Figure 2: Challenge Response mechanism 3) Discards the Password  
Figure 3: Challenge Response Authentication Protocol activity flow diagram







Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021101212

The Commissioner of Patents has granted the above patent on 28 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

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**Title of invention:**

SMART PUBLIC TRANSPORT DISINFECTION AND STERILIZATION SYSTEM

**Name of inventor(s):**

A, Ambikapathy; Dinesh, Supriya; Atmakuri, Aparna Rajesh; Laxya; Rai, Amrita; Shahid, Mohammad; Eqbal, Danish; A, Annai Theresa; N, Vithyalakshmi; R, Pandian; S, Lalithakumari; Shaik, Mahaboob and MOHAMMED, ARSHAD

**Term of Patent:**

Eight years from 8 March 2021



Dated this 28<sup>th</sup> day of April 2021

Commissioner of Patents

**PATENTS ACT 1990**

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





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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021101212

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



Dated this 28<sup>th</sup> day of April 2021

Commissioner of Patents

## PATENTS ACT 1990

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



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021100009

The Commissioner of Patents has granted the above patent on 24 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Dhanalakshmi R of Professor, Dept. of CSE, KCG College of Technology, Karapakkam Tamilnadu 600097 India

Praveen Joe I R of Associate Professor, CSE, KCG College of Technology Chennai Tamilnadu 600016 India

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Punitha A of Professor, Dept of CSE, Chettinad College of Engineering & Tech Karur Tamilnadu 639114 India

**Title of invention:**

Profile Based Digitization of Medical Records in Cloud

**Name of inventor(s):**

R, Dhanalakshmi; I R, Praveen Joe; M, Thenmozhi; T, Judgi; C, Dhaya; B, Prakash; G, Niranjana and A, Punitha

**Term of Patent:**

Eight years from 2 January 2021

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



Dated this 24<sup>th</sup> day of March 2021

Commissioner of Patents

**PATENTS ACT 1990**

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





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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020103940

The Commissioner of Patents has granted the above patent on 27 January 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

KARTHICK RAJA NAMASIVAYAM.S , of Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

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SWETHA SUNKAR , of Asso.Professor, Dept.of Bioinformatics, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

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RENUGADEVI K , of Asst.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

THYAGARAJAN RAJENDIRAN , of Asst.Professor, Dept.of Biotechnology, Sathyabama Institute of Science and Technology, OMR Chennai, TamilNadu- 600119, India

**Title of invention:**

A METHOD TO PREPARE BIOCOMPATIBLE GOLD NANOPARTICLES LOADED POLY LYSINE FOR THE POTENTIAL ANTI-CANCER ACTIVITY AGAINST COLORECTAL CANCER LINE (HT 29 )

**Name of inventor(s):**

KARTHICK RAJA NAMASIVAYAM.S; VALLI NACHIYAR.C; JAYSHREE NELLORE; SWETHA SUNKAR; RAMESH KUMAR.V; BAVANILATHA MUTHIAH; NARENDRAKUMAR.G; PRAKASH PANDURANGAN; RENUGADEVI K and THYAGARAJAN RAJENDIRAN

**Term of Patent:**

Eight years from 8 December 2020



Dated this 27<sup>th</sup> day of January 2021

Commissioner of Patents

**PATENTS ACT 1990**

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





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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020103513

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

**Name and address of patentee(s):**

HUMCEN CO of Research and Development Division, West Tambaram Chennai Tamil Nadu- 600045 India

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M. GAJENDIRAN of New No.5, Old No.14, First cross, Minor Trustpuram, Choolaimedu Chennai TamilNadu- 600094 India

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V. KANNAN of No.11/104, South Ull Veethi, Bhrama Theerthakarai, T.V. Koil Trichy TamilNadu- 620005 India

M. P. SENTHIL KUMAR of 223, Gandhi Nagar, 5th cross Dharmapuri TamilNadu- 636 701 India

**Title of invention:**

A NOVEL STICKER TO DETECT SPECIFIED MAXIMUM RANGE IN THE TEMPERATURE SENSITIVE PRODUCTS

**Name of inventor(s):**

SATHIYAVEL, C.; RANJITH KUMAR, M.; PRAKASH, M.; GAJENDIRAN, M.; PALANI, KUMARAN; MUTHIAH, BAVANILATHA; KANNAN, V. and SENTHIL KUMAR, M. P.

**Term of Patent:**

Eight years from 18 November 2020

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



Dated this 13<sup>th</sup> day of January 2021

Commissioner of Patents

**PATENTS ACT 1990**

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





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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102741

The Commissioner of Patents has granted the above patent on 18 November 2020, and certifies that the below particulars have been registered in the Register of Patents.

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P.J.JANE CYPRIYANA of Department of Biotechnology, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai Chennai TamilNadu- 600119 India

**Title of invention:**

SYNTHESIS OF GOLD NANOPARTICLE USING HYLOCEREUS UNDATUS PEEL EXTRACT

**Name of inventor(s):**

MUTHIAH, BAVANILATHA; NACHIYAR, VALLI; M.SELVAM; KARTHIKEYAN.B; SAMROT, ANTONY V.; IYAPPAN, PETCHI; RENITTA.R, EMILIN; SAIGEETHA.S and J., JANE CYPRIYANA P.

**Term of Patent:**

Eight years from 15 October 2020

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



Dated this 18<sup>th</sup> day of November 2020

Commissioner of Patents

**PATENTS ACT 1990**

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





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IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020102232

The Commissioner of Patents has granted the above patent on 14 October 2020, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

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S. RAMESH of Associate Professor, Department of ECE, VFSTR, Vadlamudi Post Guntur Dist Andhra Pradesh- 522213 India

GNANA KOUSALYA.C of Professor and Head, Department of ECE, St.Joseph's Institute of Technology, OMR Chennai, TamilNadu- 600119, India

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**Title of invention:**

IOT BASED TOUCH DETECTING HAND GLOVE FOR POST PANDEMIC SAFETY

**Name of inventor(s):**

SATHIYAVEL, C.; RAMESH, S.; KOUSALYA C., GNANA; G., ROHINI; S., BOOPATHI; ABRAHAM, MARYKUTTY; MURALI, ROHIT; PRIYADARSINI P.S, UMA; J., THIRUNAVUKKARASU and S., SURAJ

**Term of Patent:**

Eight years from 13 September 2020

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



Dated this 14<sup>th</sup> day of October 2020

Commissioner of Patents

**PATENTS ACT 1990**

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





Australian Government

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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102232



Dated this 14<sup>th</sup> day of October 2020

Commissioner of Patents

**PATENTS ACT 1990**

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



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





Australian Government

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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020101682

The Commissioner of Patents has granted the above patent on 26 August 2020, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

CHRISTO ANANTH of Department of Electronics and, Communication Engineering, St.Mother Theresa Engineering College Thoothukudi Tamil Nadu India

Praghash K of Assistant Professor, Department of Electronics & Communication Engineering, Koneru Lakshmaiah Education Foundation Vaddeswaram Andhra Pradesh India

Niha K of Research Scholar, Computer, Science and Engineering, Crescent, Institute of Science and Technology Chennai Tamil Nadu India

Narendran S of Research Scholar, Electronics, and Communication Engineering SRM Institute of Science and Technology Chennai Tamil Nadu India

Marshiana D of Assistant Professor, Department Of, Electronics & Instrumentation Sathyabama, Institute Of Science And Technology Chennai Tamil Nadu India

Nanjesh BR of Assistant Professor, Department of, Information Science & Engineering, Adichunchanagiri Institute of Technology Chikkamagaluru Karnataka India

Ahila A of Associate Professor, Sethu Institute of, Technology, Anna University, Kariapatti Virudhunagar District Tamil Nadu India

G.Victor Emmanuel of Professor, Department of Mathematics, St.Mother Theresa Engineering College Thoothukudi Tamil Nadu India

D. Angeline Ranjithamani of AP & HOD, Computer Applications, Francis Xavier Engineering College Tirunelveli Tamil Nadu India

Selina Annie Retna V of PG Student, Department of Computer Science and, Engineering Francis Xavier Engineering College Tamil Nadu India

**Title of invention:**

ELECTROCARDIOGRAM REMOTE MONITORING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE

**Name of inventor(s):**

ANANTH, CHRISTO; K., Praghash; K., Niha; S., Narendran; D., Marshiana; BR, Nanjesh; A., Ahila; Emmanuel, G.Victor; Ranjithamani, D. Angeline and Annie Retna V., Selina

**Term of Patent:**

Eight years from 5 August 2020



Dated this 26<sup>th</sup> day of August 2020

Commissioner of Patents

**PATENTS ACT 1990**

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





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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020101682

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



Dated this 26<sup>th</sup> day of August 2020

Commissioner of Patents

## PATENTS ACT 1990

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



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020101843

The Commissioner of Patents has granted the above patent on 9 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

CHRISTO ANANTH of Department of Electronics and, Communication Engineering, St.Mother Theresa Engineering College Thoothukudi Tamil Nadu India

Narasimman P of Assistant Professor, Electrical and, Electronics Engineering, CK College of Engineering and Technology Cuddalore Tamil Nadu India

Priya N. of Assistant Professor, Electrical and, Electronics Engineering, Periyar, Maniammai Institute of Science and Technology, Thanjavur Tamil Nadu India

Aaron James S of Lecturer IBRI College of Technology Sultanate Of Oman Oman

Anupama Prasanth of Programme Head, College of Computer Studies AMA International University Kingdom of Bahrain Bahrain

Densy John Vadakkan of Assistant Professor, College of Computer Studies AMA International University Kingdom of Bahrain Bahrain

Vinothkumar C of Assistant Professor, Department of, Electronics Instrumentation Engineering, Sathyabama Institute of Science and Technology, Chennai Tamil Nadu India

Thangam C of Assistant Professor / HOD, Department, of Electronics and Communication, Engineering, St.Mother Theresa Engineering College, Thoothukudi Tamil Nadu India

Electa Alice Jayarani. A of Assistant Professor, Department of, Electronics & Communication Engineering, St.Mother Theresa Engineering College Thoothukudi Tamil Nadu India

Stalin Jacob of HOD-Engineering, Faculty of Engineering, and Applied Sciences Botho University Gaborone Botswana

Parashiva Murthy B M of Assistant Professor, Computer Science, and Engineering, JSS Science and Technology University Mysuru Karnataka India

R.Uma Maheshwari of Department of Computer Science and, Engineering, Francis Xavier Engineering College Tirunelveli Tamil Nadu India

**Title of invention:**

A SYSTEM MONITORING FOR HARVESTING OF FARMING USING DRONE TECHNOLOGY

**Name of inventor(s):**

ANANTH, CHRISTO; P., Narasimman; N., Priya; James S., Aaron; Prasanth, Anupama; John Vadakkan, Densy; C., Vinothkumar; C., Thangam; Jayarani. A., Electa Alice; Jacob, Stalin; Murthy B. M., Parashiva and Maheshwari, R.Uma

**Term of Patent:**



Dated this 9<sup>th</sup> day of September 2020

Commissioner of Patents

**PATENTS ACT 1990**

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





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020101843

Eight years from 15 August 2020

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



Dated this 9<sup>th</sup> day of September 2020

Commissioner of Patents

**PATENTS ACT 1990**

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





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020101790

The Commissioner of Patents has granted the above patent on 2 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Sivasangari A of Associate Professor, Department of Information Technology Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai, Tamil Nadu - 600119. India

Ajitha P of Associate Professor, Department of Information Technology, Sathyabama Institute of Science and Technology, Jeppiaar Nagar Chennai, Tamil Nadu - 600119 India

Gomathi R.M of Assistant professor, Department of Information Technology, Sathyabama Institute of Science and Technology, Jeppiaar Nagar Chennai, Tamil Nadu - 600119 India

Poonguzhali S of Assistant Professor, School of EEE, Sathyabama Institute of Science and Technology, Jeppiaar Nagar Chennai, Tamil Nadu - 600119 India

Immanuel Rajkumar of Assistant Professor, Department of ECE, Sathyabama Institute of Science and Technology, Jeppiaar Nagar Chennai, Tamil Nadu - 600119. India

**Title of invention:**

FRAMEWORK FOR ENSURING DATA SECURITY IN IOT SMART METERS AND GATEWAYS INTERACTION OF NEIGHBORHOOD AREA NETWORKS

**Name of inventor(s):**

A., Sivasangari; P., Ajitha; R.M, Gomathi; S., Poonguzhali and Rajkumar, Immanuel

**Term of Patent:**

Eight years from 13 August 2020

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



Dated this 2<sup>nd</sup> day of September 2020

Commissioner of Patents

**PATENTS ACT 1990**

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



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 341699-001  
Date 31/03/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-03 in respect of the application of such design to ROTATING DISC FOR SEED SOWING MACHINE in the name of 1.DR. A. ANDERSON, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 2. DR. A. ANNAM RENITA, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 3. MR. R. KAJA BANTHA NAVAS, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 4. MR. ROSHIDUL ISLAM, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA

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

Controller General of Patents, Designs and Trade Marks

\*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

DR. A. ANDERSON,  
SCHOOL OF MECHANICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
ROAD, CHENNAI 600 119

Date of Issue 03/05/2021 15:01:19





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No. 98143

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 341698-001  
Date 31/03/2021  
Reciprocity Date\*  
Country

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 SAFETY NET TESTING MACHINE in the name of 1.DR. A. ANNAM RENITA, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 2. DR. A. ANDERSON, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 3. MR. R. KAJA BANTHA NAVAS, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA

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

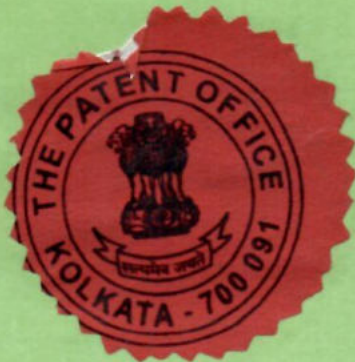
INTELLECTUAL  
Controller General of Patents, Designs and Trade Marks  
PROPERTY INDIA

\*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

DR. A. ANNAM RENITA,  
DEPARTMENT OF CHEMICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
ROAD, CHENNAI 600 119

Date of Issue 05/05/2021 15:43:31





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No. 98142

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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 341694-001  
Date 31/03/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-03 in respect of the application of such design to AGRICULTURE MACHINE in the name of 1.DR. T. N. VALARMATHI, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 2. DR. M. SANGEETHA, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 3. MR. R. KAJA BANTHA NAVAS, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 4. DR. L. STANLEY ABRAHAM, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA

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

Controller General of Patents, Designs and Trade Marks

\*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

DR. T. N. VALARMATHI,  
SCHOOL OF MECHANICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
ROAD, CHENNAI 600 119

Date of Issue 05/05/2021 15:42:49





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No. 97760

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GOVERNMENT OF INDIA  
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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 340541-001  
Date 11/03/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-07 in respect of the application of such design to MANNED AERIAL VEHICLE FOR EMERGENCY SERVICES in the name of 1.DR. G. ARUNKUMAR, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 2. MR. MARIA ANTONY JESHWIN TREASHO. W, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA 3. NANDHA KUMAR. L, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600 119, INDIA

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

Controller General of Patents, Designs and Trade Marks

\*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.

DR. G. ARUNKUMAR,  
PROFESSOR AND HEAD, DEPARTMENT OF  
MECHANICAL ENGINEERING, SATHYABAMA  
INSTITUTE OF SCIENCE & TECHNOLOGY,  
JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI  
600 119, INDIA

Date of Issue 23/04/2021 13:43:09





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No. 97101

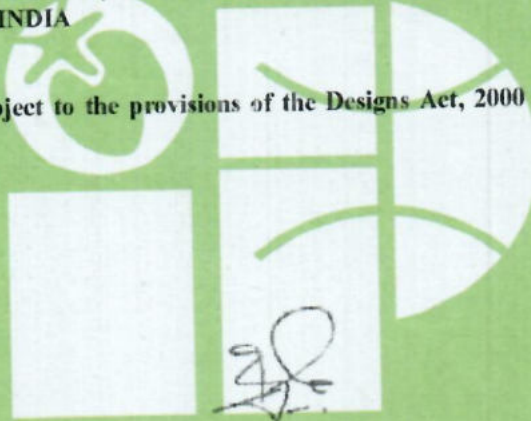
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GOVERNMENT OF INDIA  
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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338376-001  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 28-03 in respect of the application of such design to TOOTH BRUSH HOLDER WITH UV STERILIZER in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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



Controller General of Patents, Designs and Trade Marks

\*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

DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA

Date of Issue 26/03/2021 15:50:21





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No. 96756

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338373-001  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-04 in respect of the application of such design to PAVEMENT BLOCK CUTTING MACHINE WITH IMAGE SENSOR in the name of SCHOOL OF COMPUTING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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

Controller General of Patents, Designs and Trade Marks

\*The reciprocity date (if any) which has been allowed and the name of the country.

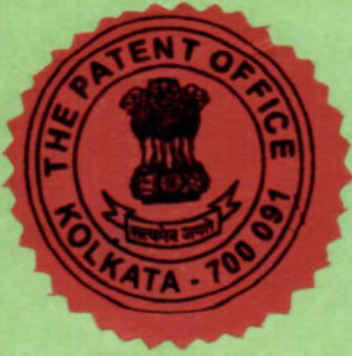
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF COMPUTING SATHYABAMA  
INSTITUTE OF SCIENCE AND TECHNOLOGY,  
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,  
CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 18/03/2021 13:41:59





**ORIGINAL**

No. **96403**

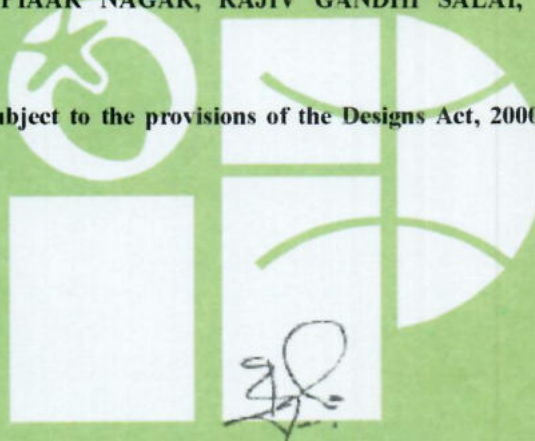
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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE**

**CERTIFICATE OF REGISTRATION OF DESIGN**

**Design No. 338375-002  
Date 01/02/2021  
Reciprocity Date\*  
Country**

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-05 in respect of the application of such design to UV WALL STERILIZING ROBOT in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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



**Controller General of Patents, Designs and Trade Marks**

\*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

**DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA**

Date of Issue 09/03/2021 11:55:40





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No. 96428

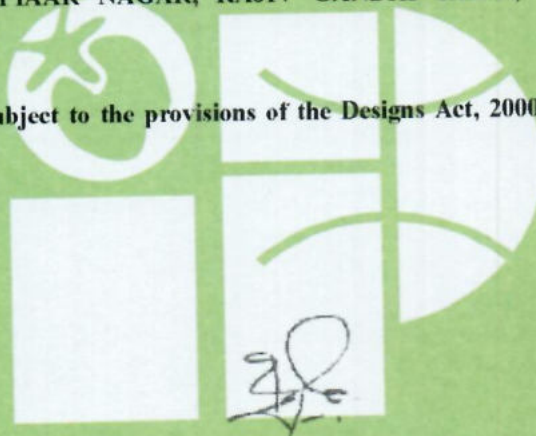
भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338375-003  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-05 in respect of the application of such design to UV CLOTHING DISINFECTING CABINET in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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



Controller General of Patents, Designs and Trade Marks

\*The reciprocity date (if any) which has been allowed and the name of the country.  
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This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA

Date of Issue 09/03/2021 13:10:40





ORIGINAL

No. 96365

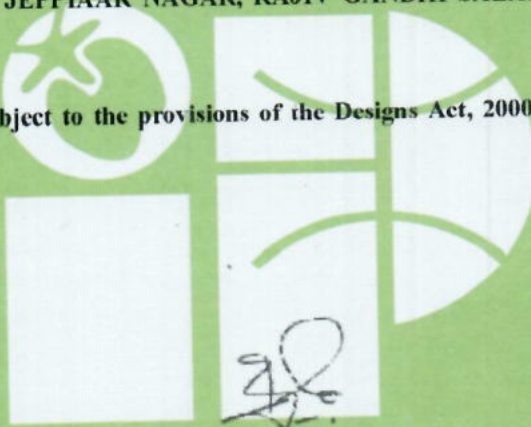
भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338374-002  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-04 in respect of the application of such design to BENTONITE SLURRY STORAGE TANK WITH SOLAR LED LIGHTS in the name of SCHOOL OF BUILDING AND ENVIRONMENT, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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



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DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF BUILDING AND ENVIRONMENT,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 08/03/2021 13:14:45





ORIGINAL

No. 96366

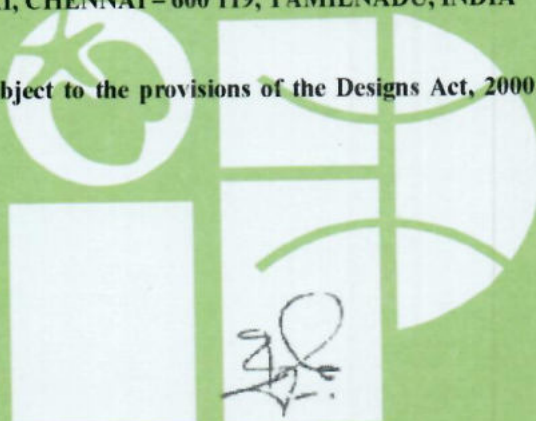
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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338373-002  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-04 in respect of the application of such design to PAVEMENT BLOCK CUTTING MACHINE in the name of SCHOOL OF COMPUTING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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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.  
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DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF COMPUTING SATHYABAMA  
INSTITUTE OF SCIENCE AND TECHNOLOGY,  
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,  
CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 08/03/2021 13:15:24





ORIGINAL

No. 96357

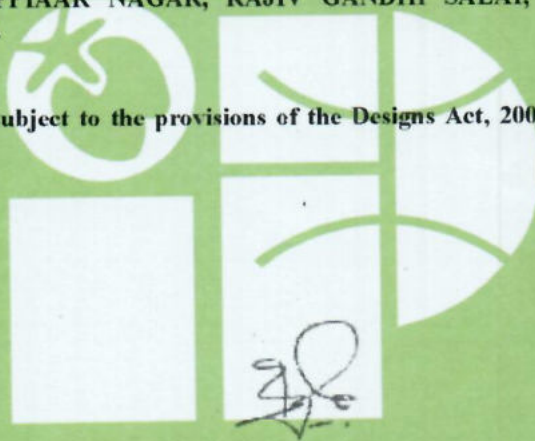
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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338371-001  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-04 in respect of the application of such design to BENTONITE SLURRY VOLUME MEASURING DEVICE in the name of SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF BIO AND CHEMICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
SALAI, CHENNAI - 600119, TAMILNADU, INDIA

Date of Issue 08/03/2021 13:08:09





ORIGINAL

No. 96228

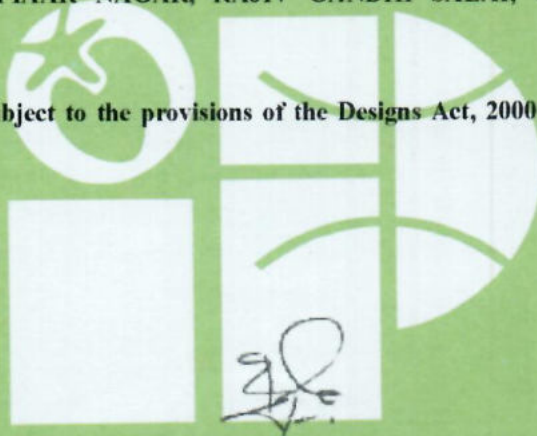
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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 338370-001  
Date 01/02/2021  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-04 in respect of the application of such design to BENTONITE SLURRY VOLUME MIXING DEVICE in the name of SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF BIO AND CHEMICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
SALAI, CHENNAI - 600119, TAMILNADU, INDIA

Date of Issue 02/03/2021 12:36:27



## Design Application Details

**Application Number:**

327438-001

**Cbr Number:**

6186

**Cbr Date:**

21-02-2020 16:35:19

**Applicant Name:**

1. Mr. Maria Antony Jeshwin Treasho. W,      2. Mr. Raju. R,      3. Mr. Nandha Kumar. L,  
4. Mr. R. Kaja Bantha Navas,

## Design Application Status

**Application Status:**

Design Accepted and Published, Journal No is 08/2021 and Journal Date is 19/02/2021

[Back \(/designapplicationstatus/\)](#)

Disclaimer: Application status is available for the application filed on or after 1st April 2009 with application no 222230. The information under " Design Application Status" is dynamically retrieved and is under testing, therefore the information retrieved by this system is not valid for any legal proceedings under the Design Act 2000. In case of any discrepancy you may contact the appropriate Patent Office or send your comments to following email IDs:

Design Office, Kolkata : [controllerdesign.ipo@nic.in](mailto:controllerdesign.ipo@nic.in)

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No. 95032

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 335981-001  
Date 07/12/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-02 in respect of the application of such design to MOUSE HOLDER in the name of I.DR. BHARATHI M. L., ASSISTANT PROFESSOR, PLOT NO 7, DOOR NO 17, 4 TH CROSS STREET, DEVARAJ NAGAR, SHOLLINGANALLUR, CHENNAI - 600119 (TAMILNADU) INDIA 2. DR. RANI FATHIMA KAMAL BASHA, DEPT. OF ELECTRICAL ENGINEERING, ELECTRICAL SECTION, UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES- AI MUSANNA, SULTANATE OF OMAN 3. DR J FEMILA ROSELINE, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, JEPPIAAR MAAMALLAN ENGINEERING COLLEGE, SRIPERUMPUDHUR, CHENNAI - 602108 (TAMILNADU) INDIA.

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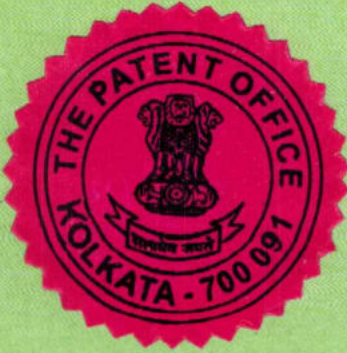
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

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DR. BHARATHI M.L.,  
ASSISTANT PROFESSOR, PLOT NO 7, DOOR NO 17, 4TH  
CROSS STREET, DEVARAJ NAGAR,  
SHOLLINGANALLUR, CHENNAI - 600119 (TAMILNADU)  
INDIA

Date of Issue 21/01/2021 12:12:25





ORIGINAL

No. 93671

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 334514-001  
Date 21/10/2020  
Reciprocity Date\*  
Country

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 CAR PARKING BAY SAFETY MAT WITH PROXIMITY SENSOR in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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INTELLECTUAL  
Controller General of Patents, Designs and Trade Marks

PROPERTY INDIA  
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DR. T.SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING, SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA

Date of Issue 09/12/2020 14:37:55





ORIGINAL

No. 93166

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पेटेंट कार्यालय  
THE PATENT OFFICE

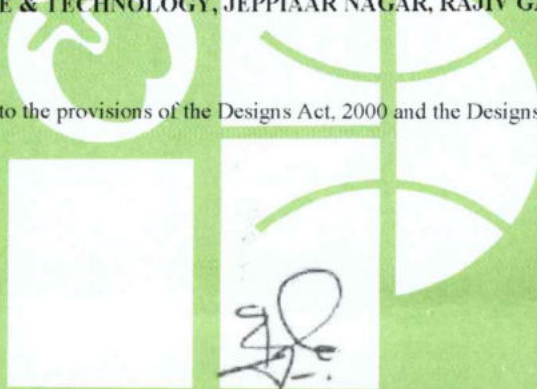
## CERTIFICATE OF REGISTRATION OF DESIGN

Design No.  
Date  
Reciprocity Date\*  
Country

334632-001  
26/10/2020

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 25-01 in respect of the application of such design to CONCRETE RING SEGMENT FOR COASTAL EROSION in the name of 1.MR. MELBIN ROBIN, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA 2. DR. S. PACKIALAKSHMI, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA 3. MR. S. SHRIMATHY, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA 4. DR. T. SASIPRABHA, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA, ET AL.

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DR. S. PACKIALAKSHMI,  
HEAD OF DEPARTMENT, DEPT. OF CIVIL  
ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE  
& TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
ROAD, CHENNAI 600 119

Date of Issue 24/11/2020 15:00:37





ORIGINAL

No. 93156

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GOVERNMENT OF INDIA  
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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 334512-001  
Date 21/10/2020  
Reciprocity Date\*  
Country

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 LED METAL INSPECTING DEVICE in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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INTELLECTUAL  
Controller General of Patents, Designs and Trade Marks  
PROPERTY INDIA

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DR. T.SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING, SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA

Date of Issue 24/11/2020 14:55:06





ORIGINAL

No. 93145

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 334501-001  
Date 21/10/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-02 in respect of the application of such design to PORTABLE FOOT OPERABLE SANITIZER DISPENSER in the name of DR. S. PRAKASH, DEAN MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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Controller General of Patents, Designs and Trade Marks

PROPERTY INDIA

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DR. S. PRAKASH,  
DEAN MECHANICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 24/11/2020 12:57:09





ORIGINAL

No. 92790

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पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 334513-001  
Date 21/10/2020  
Reciprocity Date\*  
Country

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 SOLAR POWERED LED ILLUMINATED BASKET BALL HOOP in the name of SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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

*Okupls*  
INTELLECTUAL

Controller General of Patents, Designs and Trade Marks

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DR. T. SASIPRABA, VICE CHANCELLOR,  
SCHOOL OF ELECTRICAL AND ELECTRONIC  
ENGINEERING, SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600 119,  
TAMILNADU, INDIA

Date of Issue 10/11/2020 12:13:26





ORIGINAL

No. 92310

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THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 332959-001  
Date 08/09/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-02 in respect of the application of such design to DESKTOP TOUCH FREE AUTOMATIC SANITIZER DISPENSER in the name of 1.S. NIRMALRAJ, ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA 2. DR. S.SUNDARSINGH JABASEELAN, ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA 3. DR. G. NAGARAJAN, PROFESSOR, SCHOOL OF COMPUTING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA

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

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S.NIRMALRAJ,  
ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL &  
ELECTRONIC ENGINEERING, SATHYABAMA  
INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI -  
600 119, TAMILNADU, INDIA

Date of Issue 20/10/2020 15:39:26





**ORIGINAL**

No. 92225

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
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## CERTIFICATE OF REGISTRATION OF DESIGN

Design No.	332958-001
Date	08/09/2020
Reciprocity Date*	00:00:00
Country	

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-02 in respect of the application of such design to TABLE TOP TOUCH FREE AUTOMATIC SANITIZER DISPENSER in the name of 1.DR. S.SUNDARSINGH JABASEELAN, ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA 2. S. NIRMALRAJ, ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA 3. DR. G. NAGARAJAN, PROFESSOR, SCHOOL OF COMPUTING, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI - 600 119, TAMILNADU, INDIA

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

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DR. S.SUNDARSINGH JABASEELAN,  
ASSOCIATE PROFESSOR, SCHOOL OF ELECTRICAL  
& ELECTRONIC ENGINEERING, SATHYABAMA  
INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI  
- 600 119, TAMILNADU, INDIA

Date of Issue 20/10/2020 11:08:03  
NF





ORIGINAL

No. 90603

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 331427-001  
Date 28/07/2020  
Reciprocity Date\*  
Country

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 KIOSK WITH SEATER AND AUTOMATIC HEIGHT ADJUSTING THERMAL SCREENER in the name of 1.DR. G. NAGARAJAN, PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SCHOOL OF COMPUTING SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY CHENNAI - 600 119, TAMILNADU, INDIA 2. DR. T. PREM JACOB, ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY CHENNAI - 600 119, TAMILNADU, INDIA 3. DR. A. PRAVIN, ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SCHOOL OF COMPUTING SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY CHENNAI - 600 119, TAMILNADU, INDIA

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

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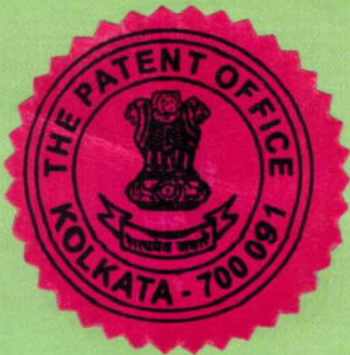
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

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DR. G. NAGARAJAN,  
PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE  
AND ENGINEERING SCHOOL OF COMPUTING  
SATHYABAMA INSTITUTE OF SCIENCE &  
TECHNOLOGY CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 26/08/2020 12:30:35





ORIGINAL

No. 88500

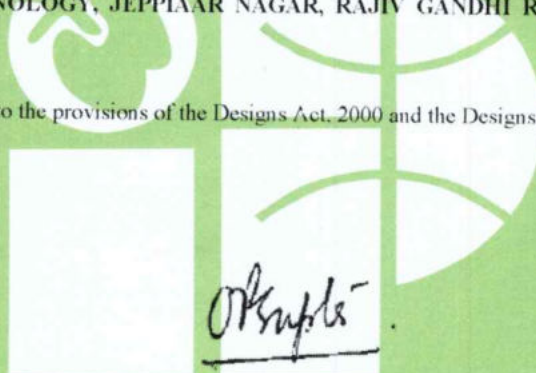
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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 328205-001  
Date 13/03/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-03 in respect of the application of such design to COCONUT TREE CLIMBING AND HARVESTING ROBOT in the name of 1.MR. P. JOHNISRAEL, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 2. MR. S. MUKESH KUMAR, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 3. MS. B. SOBNA, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 4. MR. G. VIKAS REDDY, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA., ET AL.

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



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\*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

MR. R. KAJA BANTHA NAVAS,  
SCHOOL OF MECHANICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI  
ROAD, CHENNAI 600119

Date of Issue 19/06/2020 13:37:36

INTELLECTUAL  
PROPERTY INDIA  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS





ORIGINAL

No. 88293

भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 327989-001  
Date 09/03/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-08 in respect of the application of such design to GO KART in the name of 1. S. VIGNESH, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 2. M. BALA RAJU, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 3. DR. M. SANGEETHA, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. 4. M. VIJAY, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, INDIA. , ET AL.

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

  
INTELLECTUAL

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\*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

S. VIGNESH,  
DEPARTMENT OF MECHANICAL ENGINEERING,  
SATHYABAMA INSTITUTE OF SCIENCE AND  
TECHNOLOGY, CHENNAI - 600119

Date of Issue 15/06/2020 13:22:59





ORIGINAL

No. 88066

भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 327096-002  
Date 12/02/2020  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-99 in respect of the application of such design to HEIGHT ADJUSTABLE TV WALL MOUNT BRACKET in the name of DR. S. JAYAPRAKASH, ASSISTANT PROFESSOR, ELECTRONICS ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI- 600119.

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

INTELLECTUAL  
Controller General of Patents, Designs and Trade Marks  
PROPERTY INDIA

\*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.

DR. S. JAYAPRAKASH,  
ASSISTANT PROFESSOR, ELECTRONICS  
ENGINEERING, SATHYABAMA INSTITUTE OF  
SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR,  
RAJIV GANDHI SALAI, CHENNAI - 600119

Date of Issue 05/06/2020 14:53:05





### Application Details

APPLICATION NUMBER	202141017899
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/04/2021
APPLICANT NAME	1 . Mrs.D.Ramya 2 . Dr.K.Rajaram 3 . Dr Bhupesh Goyal 4 . A Rama Prathap Reddy 5 . Dr.K.Praveen Kumar 6 . DR. MAKARAND UPADHYAYA 7 . R. MAHAVEERAKANNAN 8 . P.Rajarajan 9 . Dr. S.P Dhandayuthapani 10 . Dr.G.Chelladurai 11 . Dr. Pavithra G 12 . Dr. T.C.Manjunath
TITLE OF INVENTION	A SMART NON-CONTACT SANITIZER DISPENSER HAND GLOVE
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	ramya.devasahayam@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/04/2021

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202141017715
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/04/2021
APPLICANT NAME	1 . Mr. N Bharath Kumar,Vignan's Foundation for Science Technology and Research 2 . Mr. T CH Anil Kumar,VFSTR (Deemed To Be University) 3 . Mr. Salem Mohammed Batiyah,Yanbu Industrial College 4 . Dr. T. Anuradha,KCG College Of Technology 5 . Mr. MD Wasim Akhtar 6 . Dr. Prasanna Raravi,SKSVMACET 7 . Dr.Hasan Kote,Medeniyet University 8 . Sheri Abhishek Reddy,Mahatma Gandhi Institute of Technology 9 . Chilukuri Bala Venkata Subbarayudu,Shadan Women's College of Engineering and Technology 10 . Dr. S. Sivasaravanan,Sathyabama Institute of Science and Technology 11 . Dr. K Suneeta,JB Institute of Engineering and Technology 12 . Mahesh Kumar A S,PES College of Engineering
TITLE OF INVENTION	MACHINE LEARNING BASED BATTERY MANAGEMENT SYSTEM FOR OPTIMIZED EV PERFORMANCE
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	ingeniouz1@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	16/04/2021
PUBLICATION DATE (U/S 11A)	23/04/2021

### Application Status

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### Application Details

APPLICATION NUMBER	202141016773
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/04/2021
APPLICANT NAME	1 . Dr.P.Pattunnarajam 2 . Dr. B Yamini 3 . Dr. S. Meena 4 . Mrs. Meenakshi Shunmugam 5 . Dr.A. Jesudoss 6 . Dr.M.Mercy Theresa
TITLE OF INVENTION	LOW COMPLEX SECURITY MECHANISM FOR IMPLANTABLE MEDICAL DEVICES AGAINST NON- REPUDIATION VIOLATIONS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	Pattunnarajam.ece@psvpec.in
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	09/04/2021
PUBLICATION DATE (U/S 11A)	23/04/2021

### Application Status

APPLICATION STATUS	Application Awaiting Examination
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### Application Details

APPLICATION NUMBER	201941038885
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/09/2019
APPLICANT NAME	S. KRISHNAKUMAR
TITLE OF INVENTION	ULTRASONIC BONE CONDUCTIVITY HEADPHONE FOR MUFFLED EARS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	drkrishnakumar_phd@yahoo.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/12/2020
PUBLICATION DATE (U/S 11A)	02/04/2021
REPLY TO FER DATE	25/04/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	201941038880
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/09/2019
APPLICANT NAME	J. PREMKUMAR
TITLE OF INVENTION	DESIGN OF PEDIATRIC WRIST BOT FOR UPPER EXTREMITIES
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	premnsc@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/12/2020
PUBLICATION DATE (U/S 11A)	02/04/2021
REPLY TO FER DATE	29/04/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	201921038605
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/09/2019
APPLICANT NAME	1 . Kamble Diksha Jandeo 2 . Patil Darshan Prashant 3 . Bajare Ganesh Tukaram 4 . . Birajdar Suraj Suresh 5 . Bagul Vilas Padurang 6 . Shah YashAmol 7 . Gondhale Upendra NISHCHAL 8 . G.Senthilkumar 9 . Pradeep Uttam Gaikwad 10 . Supriya Bobade
TITLE OF INVENTION	IMPROVED PROCESS FOR PREPARATION OF BIODIESEL FROM WASTE COOKING OIL AND NANO ADDITIVE BLEND THEREOF
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	contact@witskeeper.com
ADDITIONAL-EMAIL (As Per Record)	contact@witskeeper.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/03/2021

### Application Status

APPLICATION STATUS	Deemed to be withdrawn u/s 11B(4)
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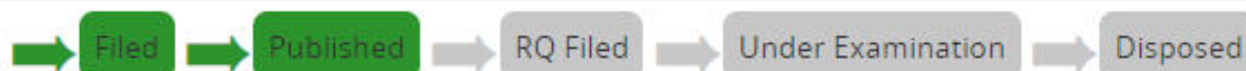


#### Application Details

APPLICATION NUMBER	202141008676
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/03/2021
APPLICANT NAME	1 . Dr.B.Dhanalakshmi 2 . Dr.Sudha Rajesh 3 . Dr. A. Jesudoss 4 . Dr. J. Nithyashri 5 . Dr.A.Mary Joy kinol 6 . Dr.Kiran George
TITLE OF INVENTION	THE PRESENT INVENTION RELATES TO AUTOMATICALLY DETECT THE EARLY STAGE OF BREAST CANCER USING MOBILE PHONE.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	dhana.baskaran@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/03/2021

#### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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#### Application Details

APPLICATION NUMBER	202141008189
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/02/2021
APPLICANT NAME	1 . Dr.D.MURUGANANDAM 2 . Dr.J.JAYAPRIYA 3 . Dr.G. K. AYYADURAI 4 . Dr.S.RATHIKA 5 . Dr.S.DAISYLIN ANBU SUJITHA 6 . S.SUMATHI
TITLE OF INVENTION	AN OPTIMIZED BELLOW TO INCREASE THE EFFICIENCY AND STABILITY OF THE PIPE JOINTS
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	murudurai@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patdrftsolutions@outlook.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/03/2021

#### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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[View Documents](#)





### Application Details

APPLICATION NUMBER	202141003335
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/01/2021
APPLICANT NAME	Dr.A.CHRISTY
TITLE OF INVENTION	COMPLETION OF CHEMICAL REACTION IN REMOTE LOCATIONS USING DATA ANALYTICS BUILT ON INTERNET OF THINGS PLATFORM
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/02/2021

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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→ **Filed** → **Published** → RQ Filed → Under Examination → Disposed





### Application Details

APPLICATION NUMBER	202141001304
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/01/2021
APPLICANT NAME	1 . Dr.D.MURUGANANDAM 2 . Dr.J.JAYAPRIYA 3 . Dr.P.MOHANA 4 . Dr.MARYKUTTY ABRAHAM 5 . J.THIRUNAVUKKARASU 6 . S. PRATHIPA 7 . D.BHARATHY 8 . R.SELVAKUMAR 9 . SURAJ SURESHKUMAR 10 . Dr.C.RAMESH KUMAR
FIELD OF INVENTION	AUTOMATED PLASTIC INJECTION MOULDING MACHINE USING THE FLUID POWER PNEUMATIC MECHANISM
CLASS OF INVENTION	MECHANICAL ENGINEERING
CLASSIFICATION (As Per Record)	
CONTACT E-MAIL (As Per Record)	murudurai@gmail.com
CLASSIFICATION (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	12/01/2021
EXAMINATION DATE (U/S 11A)	22/01/2021

### Application Status

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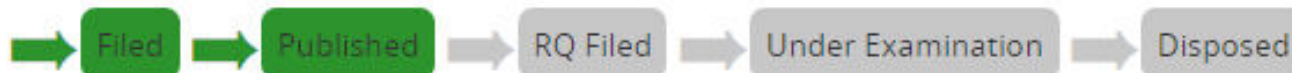
### Application Details

APPLICATION NUMBER	202141000128
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/01/2021
APPLICANT NAME	1 . Dr. Dande Srilatha (Associate Professor) 2 . Dr. RVS Lakshmi Kumari (Associate Professor & HoD) 3 . Mr. B. Srinivasaraju (Assistant Professor) 4 . Mr. Umamaheswararao Mallepula (Assistant Professor) 5 . Mr. Katta Deevan Kumar (Research Scholar) 6 . Dr. K. Venkateswara Rao ( Associate Professor)
TITLE OF INVENTION	Solar Panel Rotation System: Automatic Solar Panel Rotation System.
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	srilatha.dande@gmail.com
ADDITIONAL-EMAIL (As Per Record)	harmalaks@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/01/2021

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041056460
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/12/2020
APPLICANT NAME	1 . Dr. R. NAVEEN 2 . E SUGANYA 3 . Dr S SOUNTHARRAJAN 4 . Dr.R. SENTHIL GANESH 5 . Dr. SREEJITH VIGNESH B P 6 . Dr.K.MUNUSAMY 7 . E.BRUMANCIA 8 . Mr.V.NAGARAJ 9 . Dr.A.KINGSLY JABAKUMAR 10 . Dr. S.A.SIVAKUMAR
TITLE OF INVENTION	INTERNET OF THINGS BASED AUTOMATIC AND SMART SPEED CONTROL SYSTEM FOR VEHICLES
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	drsasivakumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	drsasivakumar@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/01/2021

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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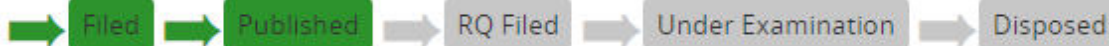


#### Application Details

APPLICATION NUMBER	202041053858
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/12/2020
APPLICANT NAME	1 . Dr P Ponmurugan 2 . Dr C Venkatesh 3 . Dr K Kannan 4 . Dr A S Periasamy Manikandan 5 . Ms S Radhika 6 . Ms M Yuvarani 7 . Mr C Mathiyalagan 8 . Mr V Adithya Pothan Raj
TITLE OF INVENTION	IoT based Vehicle Fuel Monitoring System
FIELD OF INVENTION	<u>MECHANICAL ENGINEERING</u>
E-MAIL (As Per Record)	murugan.pmsm@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/01/2021

#### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	201941027791
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/07/2019
APPLICANT NAME	Dr. Thankaraj Salammal Shyju
TITLE OF INVENTION	TUNABLE OPTOELECTRONIC PROPERTIES AND HIGHLY EFFICIENT P-TYPE METAL NITRIDE BY BARIUM (BA) DOPING
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	provc@sathyabamauniversity.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/07/2019
PUBLICATION DATE (U/S 11A)	15/01/2021
REPLY TO FER DATE	10/02/2022

### Application Status

APPLICATION STATUS

**Reply Filed. Application in amended examination**

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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

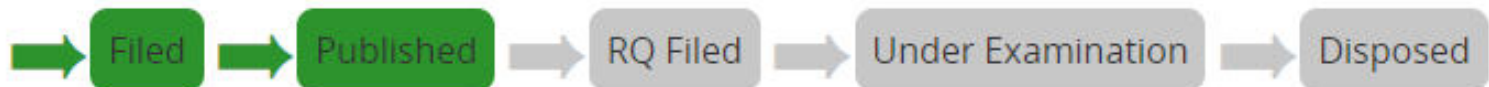


### Application Details

APPLICATION NUMBER	201741039061
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/11/2017
APPLICANT NAME	M.KAVITHA
TITLE OF INVENTION	MOBILITY SCOOTER
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	kaveem@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/01/2021

### Application Status

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#### Application Details

APPLICATION NUMBER	202041055859
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/12/2020
APPLICANT NAME	1 . Christo Ananth 2 . Narendran S 3 . K.Praghash 4 . Dr.A.Anitha 5 . Ahila.A 6 . Nanjesh BR 7 . Niha K 8 . G. Victor Emmanuel 9 . C.Thangam 10 . Densy John Vadakkan 11 . S.Ramaswamy 12 . Vinothkumar C 13 . C.Subharaj 14 . Dr.M.Kameswari 15 . Anu Joel E
TITLE OF INVENTION	A SYSTEM AND METHOD FOR ASSISTING DRIVING IN A GHAT REGION
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	patent@intepat.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/12/2020
PUBLICATION DATE (U/S 11A)	01/01/2021
REPLY TO FER DATE	26/03/2021

#### Application Status

APPLICATION STATUS	Application Refused U/S 15
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[Order\(s\)/Decision\(s\)](#)[View Documents](#)



### Application Details

APPLICATION NUMBER	202041001197
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/01/2020
APPLICANT NAME	Dr.S.Tharanikumar
TITLE OF INVENTION	GALLIUM SILICON TITANIUM ALLOYS AS BIOMATERIAL IMPLANT AND A METHOD OF PREPARING THEREOF
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	ilanangai_ilan@yahoo.co.in
ADDITIONAL-EMAIL (As Per Record)	ilanangai_ilan@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	25/12/2020
PUBLICATION DATE (U/S 11A)	01/01/2021
REPLY TO FER DATE	23/06/2022

### Application Status

APPLICATION STATUS

**Application in Hearing**

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### Application Details

APPLICATION NUMBER	201941025356
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/06/2019
APPLICANT NAME	BETHANNEY JANNEYJ
TITLE OF INVENTION	THE WALKER - A SIMPLE BLIND CANE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	jannydoll@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/06/2020
PUBLICATION DATE (U/S 11A)	01/01/2021
REPLY TO FER DATE	29/12/2021

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	201941025349
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/06/2019
APPLICANT NAME	SINDU DIVAKARAN
TITLE OF INVENTION	AUTOMATED ALERT DEVICE FOR THE HEARING IMPAIRED PEOPLE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	sindudiva@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/06/2020
PUBLICATION DATE (U/S 11A)	01/01/2021
REPLY TO FER DATE	28/12/2021

### Application Status

APPLICATION STATUS	<b>Reply Filed. Application in amended examination</b>
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### Application Details

APPLICATION NUMBER	202041053754
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/12/2020
APPLICANT NAME	1 . Dr Narayana Swamy Ramaiah 2 . Dr V Sangeetha 3 . Dr D Nesakumar 4 . Mr T Santhosh Kumar 5 . Ms M Saritha 6 . Mr V Adithya Pothan Raj 7 . Dr G Pavithra 8 . Dr T C Manjunath 9 . Dr V Kamatchi Kannan 10 . Dr P Ponmurugan
TITLE OF INVENTION	Monitoring of Precision Viticulture System using IoT
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	murugan.pmsm@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/12/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	201941021041
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/05/2019
APPLICANT NAME	1 . R.NARMADHA 2 . A.SAHAYA ANSELIN NISHA
TITLE OF INVENTION	DISTANCE BASED POWER LINE COMMUNICATION MANAGEMENT
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	narmadhar2014om@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/03/2021
PUBLICATION DATE (U/S 11A)	04/12/2020
REPLY TO FER DATE	21/06/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	202041049843
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/11/2020
APPLICANT NAME	1 . Mr.T.Venkatesh 2 . Mr.K.Siddharthraju 3 . Dr.K.Murugan 4 . Mr.T.Shanmugaraja 5 . Mrs.R.Dhivyadevi 6 . Ms.M.Supriya 7 . Dr.K.S.Tamilselvan 8 . Dr.B.Jaishankar 9 . Mrs.A.Maheswari 10 . Mr.N.Mathavan 11 . Dr.RekhaChakravarthi 12 . Dr.K.S.Dhanalakshmi
TITLE OF INVENTION	ELECTRICAL SWITCH WITH STATE INDICATION
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	venkatt87@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	16/11/2020
PUBLICATION DATE (U/S 11A)	27/11/2020

### Application Status

APPLICATION STATUS	Abandoned U/s 21(1)
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### Application Details

APPLICATION NUMBER	202041049404
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/11/2020
APPLICANT NAME	1 . Dr. B. KANIMOZHI 2 . Mr. KASILANKA HARISH KUMAR 3 . Mr. KAJA BANTHA NAVAS RAJAMOHAMED
TITLE OF INVENTION	PLANETARY GEAR STEERING TRICYCLE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	kanihwre@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	12/11/2020
PUBLICATION DATE (U/S 11A)	27/11/2020
REPLY TO FER DATE	11/01/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	202041049792
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/11/2020
APPLICANT NAME	1 . T.Jayakumar 2 . Murali Krishna Kotha 3 . Dr.Sripriya 4 . Dr.B.Anuradha 5 . M .Jemimah Carmichael 6 . Dr.S.Packialakshmi 7 . Dr.M.Sundara Rajan 8 . Dr P N Sudha 9 . A.Purna Chandra Rao 10 . Nadeem Ahmad Khan 11 . Afzal Husain Khan 12 . Dr.R.Sridevi 13 . Dr.S.Gnanasekaran 14 . Dr.K.Nagamani 15 . Dr.G.Pavithra 16 . Dr. T.C.Manjunath
TITLE OF INVENTION	IOT BASED EFFICIENT WATER RESOURCES FORECASTING, MONITORING AND MANAGEMENT SYSTEM
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	vijay.21a@gmail.com
ADDITIONAL EMAIL (As Per Record)	vijay.21a@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/11/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041048976
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/11/2020
APPLICANT NAME	Dr.J.JAYAPRIYA
TITLE OF INVENTION	ECO-FRIENDLY PNEUMATIC CAN CRUSHER MACHINE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	murudurai@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/11/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041048435
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/11/2020
APPLICANT NAME	1 . Dr. S. Sathish 2 . Dr. D. Prabu 3 . Dr. J. Aravind Kumar 4 . Dr. D. Venkatesan 5 . Dr. T. Krithiga
TITLE OF INVENTION	AMALGAMATION OF NANO CHITOSAN AND ADSORBENT APPLICATION PROCESS FOR THE REMOVAL OF REACTIVE DYE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	patspaceip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patspaceip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/03/2022
PUBLICATION DATE (U/S 11A)	13/11/2020
REPLY TO FER DATE	07/10/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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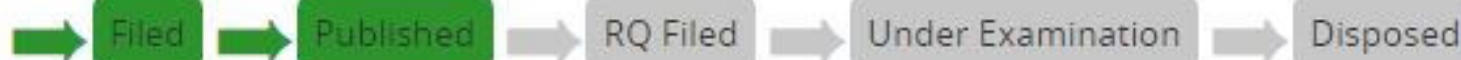


### Application Details

APPLICATION NUMBER	202041047922
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2020
APPLICANT NAME	1 . Dr. Arunkumar T 2 . Dr. Anish M 3 . Dr. S. Karthikayan 4 . Dr. Arun V. Parwate 5 . Dr. Narinderjit Kaur 6 . Dr. Vishaka Ashish Karnad 7 . Dr Selvakumaran T 8 . Dr. J. S. Binoj 9 . Dr. A. Sagai Francis Britto
TITLE OF INVENTION	NOVEL DEVELOPMENT PROCESS FOR HOMOGENEOUS DISTRIBUTIONS OF NANOPARTICLES WITH ALUMINIUM ALLOYS
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	arunmailinbox@gmail.com
ADDITIONAL-EMAIL (As Per Record)	arunkumar.t@cmrit.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/11/2020

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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### Application Details

APPLICATION NUMBER	201941016924
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/04/2019
APPLICANT NAME	S. Vanitha
TITLE OF INVENTION	CLIMATIZATION PROCESS IN RESIDENTIAL BUILDING USING GEO EXCHANGE SYSTEM
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	06/11/2020

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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### Application Details

APPLICATION NUMBER	202041044814
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/10/2020
APPLICANT NAME	1 . Dr. D. Prabu 2 . Dr. S. Sathish 3 . Dr. J. Aravind Kumar 4 . Dr. D. Venkatesan
TITLE OF INVENTION	METHOD OF CADMIUM REMOVAL USING NANOPARTICLES IMPREGNATED WITH PALM KERNEL SHELL
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	patspaceip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/10/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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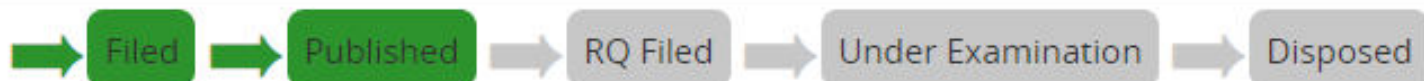


### Application Details

APPLICATION NUMBER	201941014843
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/04/2019
APPLICANT NAME	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
TITLE OF INVENTION	A DESIGN OF GLOBE VALVE CLAMPING MECHANISM
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	workbritto@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/10/2020

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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### Application Details

APPLICATION NUMBER	201941013798
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/04/2019
APPLICANT NAME	Dr. A. MADAN KUMAR
TITLE OF INVENTION	ACTIVE PI3K INHIBITOR MOLECULE FROM MARINE SPONGE ASSOCIATED BACILLUS PUMILUS AMK1
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	madankumar@sathyabama.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/04/2019
PUBLICATION DATE (U/S 11A)	09/10/2020

### Application Status

APPLICATION STATUS	Abandoned U/s 21(1)
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### Application Details

APPLICATION NUMBER	201941013796
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/04/2019
APPLICANT NAME	Dr.A.MADAN KUMAR
TITLE OF INVENTION	PROCESSING OF MONOCOLIN X FROM MARINE SPONGE AS AN APOPTOSIS INDUCING MOLECULE
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	madankumar@sathyabama.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/04/2019
PUBLICATION DATE (U/S 11A)	09/10/2020
REPLY TO FER DATE	29/12/2021

### Application Status

APPLICATION STATUS	Application Refused U/S 15
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### Application Details

APPLICATION NUMBER	202041038771
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/09/2020
APPLICANT NAME	1 . Dr. S. NIRMALA SUGIRTHA RAJINI 2 . Dr.D.SARAVANAN 3 . Dr B. MUTHUKUMAR 4 . Dr. S. MATHIVILASINI 5 . Dr.D. SRIDEVI 6 . Dr. S. VAITHYASUBRAMANIAN 7 . Dr .CHANDU P. M.S.S 8 . S.LEENA NESAMANI
TITLE OF INVENTION	MACHINE TO MACHINE (M2M) CROSS LAYER ROUTING PROTOCOL METHOD FOR SMART CITY DATA MANAGEMENT SYSTEM
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	nirmalasugirtharajini.mca@drmgrdu.ac.in
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	08/09/2020
PUBLICATION DATE (U/S 11A)	25/09/2020

### Application Status

APPLICATION STATUS	Abandoned U/s 21(1)
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### Application Details

APPLICATION NUMBER	201941009691
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/03/2019
APPLICANT NAME	Sathyabama institute of Science and Technology (Deemed to be University)
TITLE OF INVENTION	ALTERNATIVE SUPPLEMENT FOR SERUM IN ANIMAL CELL CULTURE MEDIUM
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	johnnbt@sathyabama.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	13/03/2019
PUBLICATION DATE (U/S 11A)	18/09/2020
REPLY TO FER DATE	12/05/2022

### Application Status

APPLICATION STATUS	<b>Reply Filed. Application in amended examination</b>
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### Application Details

APPLICATION NUMBER	202041036495
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/08/2020
APPLICANT NAME	1 . MEENAKSHI ACADEMY OF HIGHER EDUCATION & RESEARCH 2 . MEENAKSHI AMMAL DENTAL COLLEGE AND GENERAL HOSPITAL 3 . MEENAKSHI MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE 4 . MEENAKSHI COLLEGE OF NURSING 5 . ARULMIGU MEENAKSHI COLLEGE OF NURSING
TITLE OF INVENTION	A NOVEL SYNERGISTIC HERBAL TOOTH POWDER COMPOSITION EXHIBITING EXCELLENT ANTI-MICROBIAL ACTIVITY AND METHOD OF PREPARATION THEREOF
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	intellpat@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	24/07/2023
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

APPLICATION STATUS	Application Awaiting Examination
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### Application Details

APPLICATION NUMBER	201841022304
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/06/2018
APPLICANT NAME	1 . S.NIRMAL RAJ 2 . Dr. V. SIVACHIDAMBARA NATHAN 3 . Mrs. V. ELANANGAI
TITLE OF INVENTION	AUTOMATIC HEAD LIGHT DIM/BRIGHT CONTROLLER
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	snirmal4u@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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→ **Filed** → **Published** → RQ Filed → Under Examination → Disposed

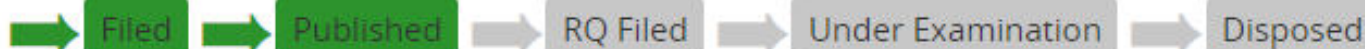


### Application Details

APPLICATION NUMBER	201841020984
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/06/2018
APPLICANT NAME	D. GODWIN IMMANUEL
TITLE OF INVENTION	A NOVEL APPROACH FOR COMMUNICATION AMONG DEAF, DUMB AND BLIND PEOPLE USING ELECTRONIC HAND GLOVE
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	dgodwinimmanuel@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

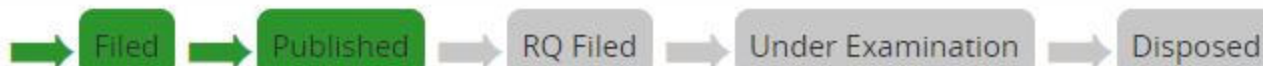


#### Application Details

APPLICATION NUMBER	201841017289
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/05/2018
APPLICANT NAME	Bharathi M.L
TITLE OF INVENTION	DESIGN AND HARDWARE IMPLEMENTATION OF FLMPPT CONTROL OF HYBRID SYSTEMS BASED ON GA AND SMALL-SIGNAL
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	bharathiml15@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

#### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



### Application Details

APPLICATION NUMBER	201841017288
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/05/2018
APPLICANT NAME	MRS.J.FEMILA ROSELINE
TITLE OF INVENTION	GENERATION OF ELECTRICAL POWER BY USING SEA WAVE ENERGY
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	femila14@yahoo.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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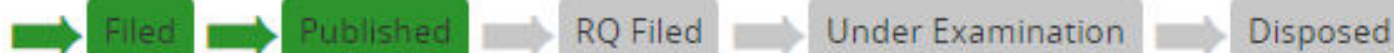


### Application Details

APPLICATION NUMBER	201841017260
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/05/2018
APPLICANT NAME	R.SAMUEL RAJESH BABU
TITLE OF INVENTION	INTERLEAVED BOOST DC-DC CONVERTER FOR ELECTRIC LOCOMOTIVES
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	samuel.rajeshbabu@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201841017251
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/05/2018
APPLICANT NAME	R. SAMUEL RAJESH BABU
TITLE OF INVENTION	ZVS HALF BRIDGE DC-DC CONVERTER FOR ELECTROLYSER APPLICATION
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	samuel.rajeshbabu@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

APPLICATION STATUS	Deemed to be withdrawn u/s 11B(4)
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### Application Details

APPLICATION NUMBER	201841016903
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/05/2018
APPLICANT NAME	1 . A.SAHAYA ANSELIN NISHA 2 . R.NARMADHA
TITLE OF INVENTION	MINIATURIZATION OF HYBRID COUPLER CONNECTED FRACTAL MICROSTRIP ANTENNA FOR MULTIPLE RESONANCE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	Senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	nishalawrence.nisha@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/03/2021
PUBLICATION DATE (U/S 11A)	11/09/2020
REPLY TO FER DATE	02/07/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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### Application Details

APPLICATION NUMBER	201841016741
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/05/2018
APPLICANT NAME	1 . P.KAVIPRIYA 2 . M.R.EBENEZAR JEBARANI 3 . S.LAKSHMI 4 . K.SRILATHA 5 . P.CHITRA 6 . M.SUMATHY
TITLE OF INVENTION	SENSING THE GARBAGE LEVEL USING ULTRASONICS AND MONITORING ITS ODOR GASES USING IOT
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	ecekavipriya@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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→ **Filed** → **Published** → RQ Filed → Under Examination → Disposed



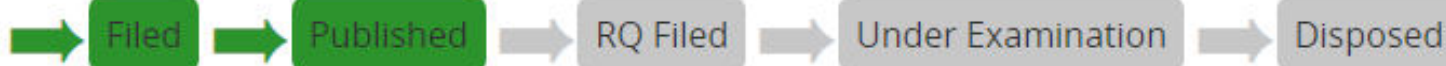


### Application Details

APPLICATION NUMBER	201841016734
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/05/2018
APPLICANT NAME	1 . M.SUMATHI 2 . S.LAKSHMI 3 . M.R.EBENEZAR JEBARANI 4 . P.KAVIPRIYA 5 . P.CHITRA 6 . K.SRILATHA
TITLE OF INVENTION	DESIGN AND IMPLEMENTATION OF THERMO ELECTRIC GENERATOR FOR PACEMAKERS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	sumagopi206@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201841016511
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/05/2018
APPLICANT NAME	1 . P.CHITRA 2 . P.KAVIPRIYA 3 . M.R.EBENEZAR JEBARON 4 . S.LAKSHMI 5 . K.SRILATHA 6 . M.SUMATHI 7 . LAKSHMI PRIYA
TITLE OF INVENTION	SMART GLOVES FOR VISUALLY IMPAIRED PEOPLE
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	chitra.ece@sathyabama.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201841016507
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/05/2018
APPLICANT NAME	1 . M.R. EBENEZAR JEBARANI 2 . S. LAKSHMI 3 . K. SRILATHA 4 . P. CHITRA 5 . P. KAVIPRIYA 6 . SUMATHI 7 . KAUSHIK
TITLE OF INVENTION	IOT BASED ADVANCED IRRIGATION SYSTEM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	rjebamalgam@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201841016502
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/05/2018
APPLICANT NAME	1 . S.LAKSHMI 2 . P. CHITRA 3 . M.R. EBENEZAR JEBARANI 4 . K.SRILATHA 5 . M. SUMATHI 6 . P. KAVIPRIYA 7 . SUMITRA
TITLE OF INVENTION	WEARABLE SMART DEVICES FOR THE SAFETY OF WOMEN AND CHILDREN
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	slakmy@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201841016501
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/05/2018
APPLICANT NAME	1 . K.SRILATHA 2 . P. CHITRA 3 . M.R. EBENEZAR JEBARANI 4 . S. LAKSHMI 5 . M. SUMITRA 6 . P. KAVIPRIYA 7 . GONUGUNTA SURYA TEJA
TITLE OF INVENTION	IOT BASED AUTOMATED CONTROL SYSTEM FOR POULTRY FARM
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srilatha169@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/09/2020

### Application Status

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→ **Filed** → **Published** → RQ Filed → Under Examination → Disposed



### Application Details

APPLICATION NUMBER	202041034932
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/08/2020
APPLICANT NAME	1 . M. Sangeetha 2 . Dr.K.Ananthajothi, 3 . Dr.A.Kalaivani 4 . S.Sivasankari 5 . S.Rajesh Kannan 6 . A.Pandiaraj 7 . M.S.Roobini, 8 . Ms D.Deepa 9 . Dr. M.Senthil Kumaran 10 . S.Nithya
TITLE OF INVENTION	OPTIMIZED CONVOLUTION NEURAL NETWORK FOR VOICE BASED SIGN LANGUAGE RECOGNITION- OPTIMIZATION AND REGULARIZATION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	patentefiling@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sangeetk@srmist.edu.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/09/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041033273
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/08/2020
APPLICANT NAME	1 . Dr. E. DHIRAVIDACHELVI 2 . Dr. E. ANNA DEVI 3 . Dr.E.AHILA DEVI 4 . Ms. E. JAYANTHI 5 . Ms.I.S.SUGANTHI 6 . Mr. J.RAJA 7 . Mr. NAVEENKUMAR SUBRAMANIAM 8 . Dr.P.DEEPA
TITLE OF INVENTION	VEHICULAR EDGE COMPUTING USING A SMART EMBEDDED SYSTEM FOR INTELLIGENT TRANSPORTATION
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	selvi.sathi@gmail.com
ADDITIONAL-EMAIL (As Per Record)	selvi.sathi@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/08/2020
PUBLICATION DATE (U/S 11A)	21/08/2020

### Application Status

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### Application Details

APPLICATION NUMBER	201811040540
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/10/2018
APPLICANT NAME	1 . CHAIRMAN, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO) 2 . SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
TITLE OF INVENTION	IRIDIUM BASED ALLOY FOR AEROSPACE APPLICATIONS
FIELD OF INVENTION	METALLURGY
E-MAIL (As Per Record)	CHENNAI@KNSPARTNERS.COM
ADDITIONAL-EMAIL (As Per Record)	ARUNKUMAR@KNSPARTNERS.COM
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/10/2019
PUBLICATION DATE (U/S 11A)	14/08/2020
REPLY TO FER DATE	31/05/2022

### Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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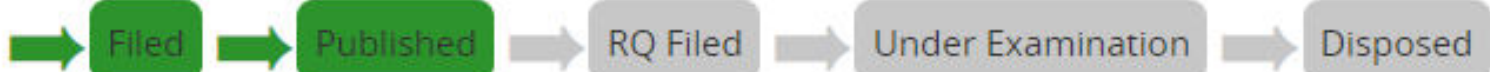


### Application Details

APPLICATION NUMBER	202041032691
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/07/2020
APPLICANT NAME	1 . DR. J. CHRISTOPHER CLEMENT 2 . DR. K. C. SRIHARIPRIYA 3 . DR. ELIZABETH RUFUS 4 . DR. G. JEGAN
TITLE OF INVENTION	CONSUMER-ID BISECTED COMPOUND BAND ACCESS METHOD FOR A SMART GRID SYSTEM
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	christopher.clement@vit.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	07/08/2020

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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### Application Details

APPLICATION NUMBER	202041029484
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/07/2020
APPLICANT NAME	1 . R. REVATHY 2 . Dr. S. VIJAYANAND 3 . SUJESH P LAL 4 . R. PREM SANKAR 5 . Dr. M. RAJESWARI 6 . Dr. K. VIJAYAN 7 . Dr. M. BALASARASWATHI NARAYANAN 8 . Dr. J. K. PERIASAMY
TITLE OF INVENTION	PORTABLE LOW COST SMART SPIROMETER USING EMBEDDED & IOT
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sriipsearcher@gmail.com
ADDITIONAL-EMAIL (As Per Record)	senthil@chennaitrademark.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	31/07/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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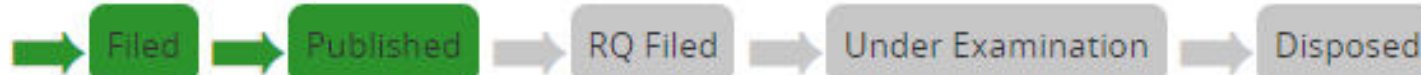


### Application Details

APPLICATION NUMBER	202041028546
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/07/2020
APPLICANT NAME	1 . Dr J A Ranga Babu, Associate professor 2 . Mr.Premanth S P, Asst.Professor 3 . Dr. D. S. JAYALAKSHMI, ASSISTANT PROFESSOR, 4 . Ms.M.Lorate Shiny, Asst.Professor 5 . Dr. R. Renuka Devi, Assistant Professor, 6 . Dr. S. Saravanan, Professor and Head, 7 . Mrs.G.Indumathi, Assistant Professor 8 . Mrs.T.Nagalakshmi, Assistant Professor
TITLE OF INVENTION	DESIGN OF NOVEL ELECTROSTATIC SPRAY MACHINE FOR KILLING LOCUST
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	patentefiling@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentefiling@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/07/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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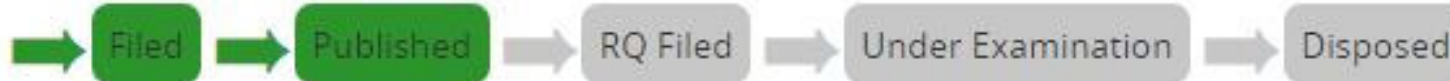


### Application Details

APPLICATION NUMBER	202041028754
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/07/2020
APPLICANT NAME	1 . Dr. J. K. PERIASAMY 2 . S. MEERA 3 . M. SELVI 4 . Dr. D. BALASUBRAMANIAM 5 . R. OHMSAKTHI VEL 6 . K. KAVIN KUMAR 7 . Dr. J. MOHANA 8 . Dr. B. MUTHUVEL
TITLE OF INVENTION	SERS: SMART EMERGENCY RESPONSE SYSTEM SUITS WITH SEARCH-AND-RESCUE DOGS FIRST RESPONDERS USING VOICE COMMAND AND MEMS TECHNOLOGY
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sriipsearcher@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sriipsearcher@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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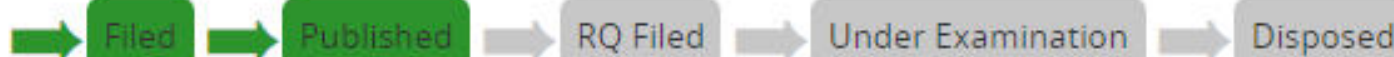
### Application Details

APPLICATION NUMBER	202041028753
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/07/2020
APPLICANT NAME	1 . Dr.L.Mary Gladence 2 . Dr.V. Maria Anu 3 . Ms. Brumancia. E
TITLE OF INVENTION	IOT ENABLED SAMRT WEARABLE HANDY SANITIZER DISPENSER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	gladispushparathi@gmail.com
ADDITIONAL-EMAIL (As Per Record)	gladispushparathi@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041026841
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/06/2020
APPLICANT NAME	1 . Mr. YOGESH. L 2 . Dr. G. JEGAN 3 . Dr. T. VINO 4 . Dr. PREETHA EVANGELINE D 5 . Dr. JOHN RAJAN A 6 . Dr. CHRISTOPHER CLEMENT 7 . Dr. ASHISH KHAIRA
TITLE OF INVENTION	EMERGENCY NOTIFICATION SYSTEMS FOR USE WITH FOOTWEAR FOR USER'S SAFETY
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	vsasawat@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vsasawat@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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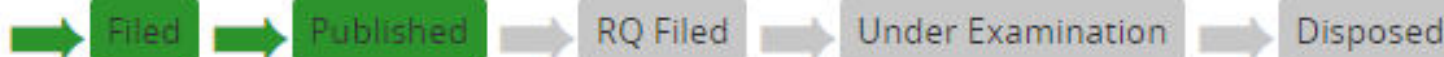


#### Application Details

APPLICATION NUMBER	202041025847
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/06/2020
APPLICANT NAME	1 . Dr .M.S .Godwin Premi 2 . Mr.M.Vasanthakumar 3 . Mr.M.Gunasekaran 4 . Ms.Geetha Rani 5 . Mrs.R.Nagalakshmi 6 . Mrs.K.Nandini 7 . Mrs. Johnsi j 8 . Mr.T.Surendran 9 . Mrs.M.Suganya 10 . Mr.S.Sankarananth
TITLE OF INVENTION	DESIGN OF AUTONOMOUS ROBOTS USED TO DISINFECT HOSPITAL ROOMS WITH CONCENTRATED UV LIGHT
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	patentefiling@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentefiling@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/07/2020

#### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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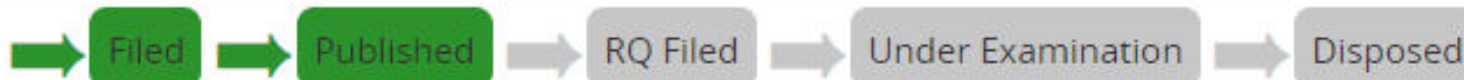


### Application Details

APPLICATION NUMBER	201841049783
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/12/2018
APPLICANT NAME	1 . Mr. Tanaji Maruti Dudhane 2 . Dr. T.Ravi 3 . Dr. Mahesh Tukaram Kotte 4 . Prof. Dr. Suryakant Babanrao Patil
TITLE OF INVENTION	DESIGNING AND IMPLEMENTING 16 BIT CO-ALU WITH 8 BIT PROCESSOR USING VERILOG FOR IMPROVEMENT IN SPEED.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	contact@psp-ipassociates.com
ADDITIONAL-EMAIL (As Per Record)	contact@psp-ipassociates.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/07/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041023885
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/06/2020
APPLICANT NAME	1 . Dr Senduru Srinivasulu 2 . Ms Ramya G Franklin 3 . Ms.J.S.Vimali 4 . Dr S Gowri 5 . Dr J Jabez 6 . Dr S Murugan 7 . Dr V Ulagamuthalvi 8 . Dr B Muthu Kumar
TITLE OF INVENTION	TYPE - 2 DIABETES DETECTION AND ESTIMATION FROM GLUCOSE LEVELS BY FEATURE DETECTION USING MACHINE LEARNING ALGORITHM
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sendurusrinivas@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sendurusrinivas@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	08/06/2020
PUBLICATION DATE (U/S 11A)	12/06/2020

### Application Status

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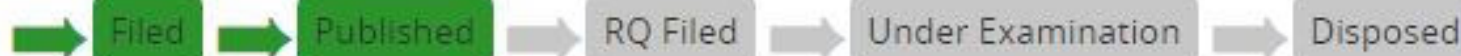


### Application Details

APPLICATION NUMBER	202041023333
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/06/2020
APPLICANT NAME	1 . Dr Praveen V Prof and HOD, EEE Dept 2 . Mr. Vikash Kumar Agarwal 3 . Dr M S Godwin Premi Professor 4 . Mr. Sasikumar A N 5 . Dr. P. G. Kuppusamy 6 . Mr. K.Kajendran 7 . Dr.K.BOOPALAN 8 . Dr.PJ.SATHISH KUMAR 9 . Meby Selvaraj R Ass Prof, MECH Dept.
TITLE OF INVENTION	DIRECT CONTROL OF TORQUE OF INDUCTION MOTOR BASED ON FUZZY LOGIC APPLIED FOR ELECTRICAL VEHICLES
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	patentefiling@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vikashhagarwal@yahoo.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/06/2020

### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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### Application Details

APPLICATION NUMBER	202041012393
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/03/2020
APPLICANT NAME	1 . Mr.C.SATHIYAVEL 2 . Dr. S. RAVIKUMAR 3 . Dr.D. KAVITHA 4 . Dr.C.RAJESH KUMAR 5 . Ms.S.ANCY 6 . Dr.P.DURAIPANDY 7 . Dr.A. PANDIAN 8 . Dr.P. SRINIVASA VARMA 9 . Dr.L.VIJAY 10 . Dr.R.THANDAIAH PRABU 11 . Mr.V.YOKESH 12 . Ms.BENISHA.M 13 . Dr.M.BAVANILATHA 14 . Dr.G.RENUKA DEVI
TITLE OF INVENTION	WRISTWATCH BASED HEALTH MONITORING SYSTEM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sathiyavelavi@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/03/2020
PUBLICATION DATE (U/S 11A)	05/06/2020

### Application Status

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Ministry of Commerce & Industry,  
Government of India

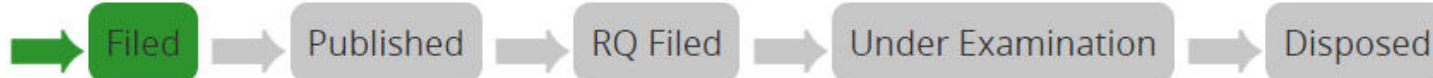


### Application Details

APPLICATION NUMBER	202141009577
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/03/2021

### Application Status

APPLICATION STATUS







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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

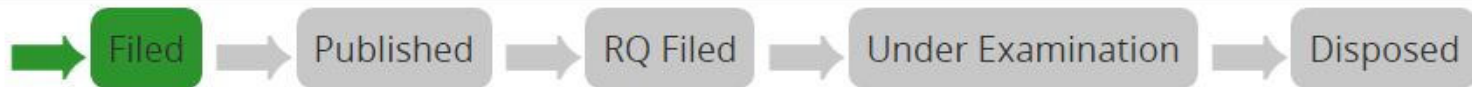


### Application Details

APPLICATION NUMBER	202141006980
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/02/2021

### Application Status

APPLICATION STATUS	
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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

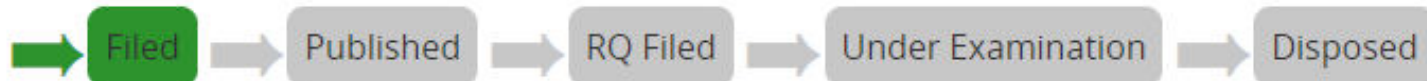


### Application Details

APPLICATION NUMBER	202141005002
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/02/2021

### Application Status

APPLICATION STATUS







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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



### Application Details

APPLICATION NUMBER	202141000217
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/01/2021

### Application Status

APPLICATION STATUS



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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



### Application Details

APPLICATION NUMBER	202141000216
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/01/2021

### Application Status

APPLICATION STATUS	
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Ministry of Commerce & Industry,  
Government of India



### Application Details

APPLICATION NUMBER	202141000215
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/01/2021

### Application Status

APPLICATION STATUS



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### Design Application Details

**Application Number:** 329907-001  
**Cbr Number:** 9568  
**Cbr Date:** 09/06/2020 22:00:50  
**Applicant Name:**  

1. Dr.S.D.Sundarsingh Jebaeelan
2. Dr.D.Godwin Immanuel
3. Dr.V.Sivachidhambaranathan
4. Mrs.M.Pushpavalli

### Design Application Status

**Application Status:** Application Refused

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Design Office, Kolkata : [controllerdesign.ipo@nic.in](mailto:controllerdesign.ipo@nic.in)

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