



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY **NAAC** WITH 'A' GRADE

INSTITUTION WITH **UGC 12B** STATUS

NIRF 2022

OVERALL

PATENT GRANTED

2019

PATENT GRANTED



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

पेटेंट कार्यालय

THE PATENT OFFICE

ORIGINAL

No. 81185

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 287078
Date 20/09/2016
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 15-01 in respect of the application of such design to TWIN CROWN PISTON in the name of 1. THE REGISTRAR, VELS UNIVERSITY, P.V. VAITHIALINGAM ROAD, VELANNAGAR, PALLAVARAM, CHENNAI - 600117, TN, INDIA. 2. VINOD KUMAR THANGARAJ, DEPARTMENT OF MECHANICAL ENGINEERING, SCHOOL OF ENGINEERING, VELS UNIVERSITY, P.V. VAITHIALINGAM ROAD, VELAN NAGAR, PALLAVARAM, CHENNAI - 600117, TN, INDIA. 3. CHANDRASEKARAN MANOHARAN, DEPARTMENT OF MECHANICAL ENGINEERING, SCHOOL OF ENGINEERING, VELS UNIVERSITY, P.V. VAITHIALINGAM ROAD, VELAN NAGAR, PALLAVARAM, CHENNAI - 600117, TN, INDIA. 4. SIBI NAVANEETHA KRISHNAN, DEPARTMENT OF MECHANICAL ENGINEERING, SCHOOL OF ENGINEERING, VELS UNIVERSITY, P.V. VAITHIALINGAM ROAD, VELAN NAGAR, PALLAVARAM, CHENNAI - 600117, TN, INDIA. ET AL.

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.R. VEERAMANI (THE REGISTRAR),
VELS UNIVERSITY, P.V. VAITHIALINGAM ROAD,
VELANNAGAR, PALLAVARAM, CHENNAI - 600117, TN,
INDIA.

Date of Issue 12/09/2019 13:04:58



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NIRF 2022

OVERALL

PATENT GRANTED 2020



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102249

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):

Nachiyappan S of Assistant Professor (Sr.), School of Computer Science and Engg., Vellore Institute of Technology Chennai Tamilnadu India

Satyanand Singh of Assistant Professor, Department of ECE Fiji National University Fiji

Suresh K of Associate Professor, Department of Computer Science and Engg., Chennai Institute of Technology Kandrathur Chennai-69 India

Sreerama Murthy K of Sreenidhi institute of science and tech., Associate professor IT DEPT Hyderabad Telangana 501301 India

Vengatesan K of Professor, Department of Computer Engineering, Sanjivani College of Engineering Kopargaon Maharastra 423 603 India

Pragya Singh of Associate Professor, Department of public health, College of Medicine Nursing and Health Sciences Fiji National University Fiji

Bhagyalakshmi L of Professor, Department of ECE, Rajalakshmi Engineering College Chennai Tamilnadu India

Sanjay Kumar Suman of Professor, Department of ECE, Bharat Institute of Engineering and Tech Hyderabad Telangana India

Sundar Rajan M of Associate Professor, Department of Industrial Control and Ins, Faculty of Electrical and Computer Engg. Institute of Technology Arbaminch University, Arbaminch PO No. 21 Ethiopia

Ganesh E. N of Dean School of Engineering VISTAS, Chennai Tamilnadu India

Title of invention:

WATER CONSUMPTION CONTROL SYSTEM FOR IRRIGATION BASED ON IoT

Name of inventor(s):

P., Padmanabhan; Arun, S. and A., Nageswaran

Term of Patent:

Eight years from 15 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 14th 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.

Extracts from the Patents Act, 1990

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

Sec 128 **Application for relief from unjustified threats**

- (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.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

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.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (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.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (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.

Schedule 1 **Dictionary**

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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INSTITUTION WITH **UGC 12B** STATUS

NIRF 2022

OVERALL

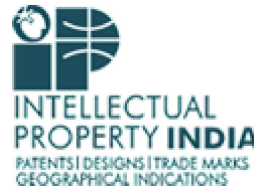
PATENT PUBLISHED

2018



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

(<http://ipindia.nic.in/index.htm>)



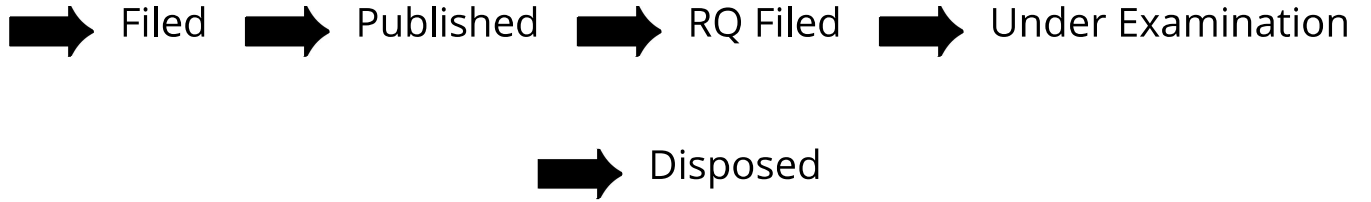
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	201841044783
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/11/2018
APPLICANT NAME	1 . The Registrar, Vels Institute of Science Technology & Advanced Studies (VISTAS) 2 . B°mbay Hemp Company Private Limited, (BOHECO)
TITLE OF INVENTION	A METHOD FOR SYNTHESIS OF ELECTROACTIVE-NANOPOROUS CARBON MATERIAL FROM A PLANT FIBRE AND USE THEREOF
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	09/09/2019
PUBLICATION DATE (U/S 11A)	07/12/2018

Application Status

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NIRF 2022

OVERALL

PATENT PUBLISHED

2019



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 Government of India

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Application Details

APPLICATION NUMBER	201941005659
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/02/2019
APPLICANT NAME	The Registrar Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	SMART SECURED VOICE CONTROL FILE FINDER USING INTERNET OF THINGS (IOT) FOR FUTURE GENERATION
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/02/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941005660
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/02/2019
APPLICANT NAME	The Registrar, Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	11-ALPHA ACETOXYKHIVORIN FROM PRAWN SHELL WASTE
FIELD OF INVENTION	POLYMER TECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/02/2019

Application Status

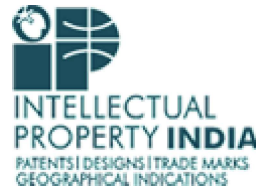
APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941005661
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/02/2019
APPLICANT NAME	The Registrar, Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	PROCESS FOR TREATING SEWAGE WATER TREATMENT BY CATIONIC ORGANIC COAGULANT
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/02/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941005662
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/02/2019
APPLICANT NAME	The Registrar, Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	PREDICTING THE EMOTIONAL STATES OF CHILDREN WITH AUTISM SPECTRUM DISORDER (ASD) USING ECG SIGNALS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/02/2019

Application Status

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Application Details

APPLICATION NUMBER	201941005663
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/02/2019
APPLICANT NAME	The Registrar, Vela Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	DECIPHERING THE ANTICANCER POTENTIAL OF CYMODOCEA SERRULATA AGAINST DEN INDUCED HEPATOCELLULAR CARCINOMA IN WISTAR ALBINO RATS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/02/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Design Application Details

Application Number:

314837-001

Cbr Number:

4686

Cbr Date:

13/02/2019 16:54:33

Applicant Name:**1. Vels Institute of Science Technology & Advanced Studies (VISTAS)****2. Shaisundaram V S 3. Chandrasekaran M 4. MurliRaja R 5. Mohan Raj S**

Design Application Status

Application Status:

Case is in Amended Case of Controller

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Design Office, Kolkata : controllerdesign.ipo@nic.in

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Design Application Details

Application Number:

314836-001

Cbr Number:

4686

Cbr Date:

13/02/2019 16:54:33

Applicant Name:**1. Vels Institute of Science Technology & Advanced Studies (VISTAS)****2. Chandrasekaran M 3. Shaisundaram V S 4. MuraliRaja R 5. Mohan Raj S**

Design Application Status

Application Status:

Case is in Amended Case of Controller

[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:

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Design Application Details

Application Number:

314835-001

Cbr Number:

4686

Cbr Date:

13/02/2019 16:54:33

Applicant Name:

1. Vels Institute of Science Technology & Advanced Studies (VISTAS),
2. Varalakshmi Rajan,

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 16/2021 and Journal Date is 16/04/2021

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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

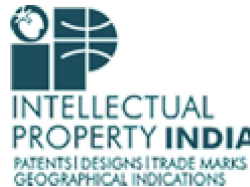
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Government of India

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Application Details

APPLICATION NUMBER	201941011447
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/03/2019
APPLICANT NAME	1 . Dr.G.N.K.Suresh Babu 2 . Dr.Vijayarangan Ramasamy 3 . Dr. Anandan Rajendran 4 . Kalaivani Kathirvelu
TITLE OF INVENTION	RESIDENCE MECHANIZATION IOT USING 6LOWPAN
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	25/03/2019
PUBLICATION DATE (U/S 11A)	29/03/2019

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Patent Search

Invention Title	SMART PARKING SYSTEM FOR SMART CITY BY INTEGRATING IOT CLOUD
Publication Number	30/2019
Publication Date	26/07/2019
Publication Type	INA
Application Number	201941026189
Application Filing Date	01/07/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G07B15/00

Inventor

Name	Address	Country	Nati
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SREERA VASULU BOLLA	2-45, RALLA PALLI, VELIGARDLA, PRAKARAM DISTRICT, ANDHRA PRADESH, 523272	India	Indi
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Applicant

Name	Address	Country	Nati
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SINDHE.PHANI KUMAR	48-3-418, RANGUTHOK 2ND STREET, ONGOLE, ANDRA PRADESH, POAKARAM DISTRICT, ANDRA PRADESH, INDIA, 523001	India	Indi
SREERA VASULU BOLLA	2-45, RALLA PALLI, VELIGARDLA, PRAKARAM DISTRICT, ANDHRA PRADESH, 523272	India	Indi
Dr.S. S. RIAZ AHAMED	DRECTOR, SATHAK INSTITUTE OF TECHNOLOGY, RAMANATHA PURAM, TAMIL NADU, INIDA, 623517	India	Indi

Abstract:

India lives in it villages. Villages are now urbanises by Smart city Mission of Indian government. Mission proposes to provide core infrastructure and responsive governance citizen by connecting internet to physical devices like streetlight, municipal infrastructure, parking meters, etc. Transportation, the keystone of urbanisation need to be res terms of traffic i i congestion, automated driverless public transport all-around the clock and smart parking system. The proposed smart parking system includes IoT mod monitor and signalize available I parking spaces. Mobile application could enable the driver to locate available parking space and book the space then pay for parking thro wallet. This system would avoid traffic congestion on arterial roads by unauthorized parking and regulate parking fee collection for better municipal service.

Complete Specification

Today's world of communication reaches the Sun and the Mars. The technological development connects physical devices with internet and redefines the network connectivity. Indian government proposes for smart city in every state. The Mission denotes better infrastructure in implementing cities. Such cities need to manage the traffic smart. The traffic usually arises by improper parking system and poor road conditions. Mostly the drivers don't know about the available safe parking areas around the city. So they park upon their feasibility and this leads to unexpected road congestion or sometimes accident. By understanding the importance of safe parking zones and regulates parking fee collection to improve the road service better. The parking system should be improved by monitoring for Empty space and notify such spaces in and around the vehicle traversing zone. So the driver could choose an appropriate space and pay the levied fee through e-wallet.

Summary

The proposed system intends to resolve parking nuisances and provide hassle free road for commuters. The parking system monitor the parking zone, signalize the traversing vehicle through the mobile application indicating the parkable space and fee to be paid for the time slot. The vehicle driver would choose the space and pay through e-wallet. In Smart parking system, IoT is the inter-network of the devices and physical objects, number of objects gather data at remote locations and communicate to units managing, acquiring, organizing and analyzing the data in the processes and services. It provides a vision where things (wearable, watch, alarm clock, home devices surrounding objects with) become smart and behave alive through sensing, computing and communicating by embedded small devices which interact with remote objects or persons through connectivity. Cloud computing offers cheap and effective ways of connecting, tracking, and managing devices from anywhere over the internet. By the use of built-in applications IoT systems could monitor and control things on a real-time basis through remote locations.

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(<http://ipindia.nic.in/index.htm>)



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Patent Search

Invention Title	PROCESS ON IMAGE FOR EARTHQUAKE DAMAGE ASSESSMENT
Publication Number	32/2019
Publication Date	09/08/2019
Publication Type	INA
Application Number	201941029682
Application Filing Date	23/07/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	C11D3/38

Inventor

Name	Address	Country	Nat
DR.R.SHOBARANI	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
DR.A.PREMA	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, SCHOOL OF COMPUTING SCIENCES, VISTAS(VELS UNIVERSITY), VELAN NAGAR, P.V VAITHIYALINGAM ROAD, PALLAVARAM, CHENNAI-600117	India	Indi
DR.R.RENUGA DEVI	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, SCHOOL OF COMPUTING SCIENCES, VISTAS(VELS UNIVERSITY), VELAN NAGAR, P.V VAITHIYALINGAM ROAD, PALLAVARAM, CHENNAI-600117	India	Indi
DR.G.VICTO SUDHA GEORGE	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
MRS.C.TAMILSELVI	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
DR.M.JANAKIRANI	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
DR.T.VIMALA	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
DR.T.KALAI CHELVI	PROFESSOR, COMPUTER SCIENCE AND ENGINEERING PANIMALAR INSTITUTE OF TECHNOLOGY, (Affiliated to anna university) NO.391, BANGALORE TRUNK ROAD, VARADHARAJAPURAM, POONAMALLEE, CHENNAI-600123	India	Indi
R.SUREKH	ASSISTANT PROFESSOR, COMPUTER SCIENCE ST.ANNE'S ARTS AND SCIENCE COLLEGE (Affiliated to university) MADAVARAM, CHENNAI-110	India	Indi
T.F.MICHAEL RAJ	ASSISTANT PROFESSOR, COMPUTER SCIENCE ENGINEERING, SATRA DEEMED UNIVERSITY, KUMBAKONAM-612001	India	Indi
B.RAJAKUMAR	ASSISTANT PROFESSOR, COMPUTER SCIENCE ENGINEERING, SATRA DEEMED UNIVERSITY, KUMBAKONAM-612001	India	Indi

Applicant

Name	Address	Country	Nat
DR.R.SHOBARANI	ASSOCIATE PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, MADURAVOYAL, CHENNAI-600095, TAMILNADU, INDIA.	India	Indi
DR.A.PREMA	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, SCHOOL OF COMPUTING SCIENCES, VISTAS(VELS UNIVERSITY), VELAN NAGAR, P.V VAITHIYALINGAM ROAD, PALLAVARAM, CHENNAI-600117	India	Indi
DR.R.RENUGA DEVI	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, SCHOOL OF COMPUTING SCIENCES, VISTAS(VELS UNIVERSITY), VELAN NAGAR, P.V VAITHIYALINGAM ROAD, PALLAVARAM, CHENNAI-600117	India	Indi

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Patent Search

Invention Title	A SYSTEM OF ORIENTED MEDICAL INSURANCE PREDICTION WITH MACHINE LEARNING INTEGRATED IOT
Publication Number	42/2019
Publication Date	18/10/2019
Publication Type	INA
Application Number	201941041623
Application Filing Date	14/10/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMMUNICATION
Classification (IPC)	H04L67/34

Inventor

Name	Address	Country	Nat
SUBRATA CHOWDHURY	VELS UNIVERSITY, CHENNAI, PALLAVARAM, Ph.D. RESEARCH SCHOLAR 38, GOLDEN NAGAR, VIT UNIVERSITY OPPOSITE KATPADI, PINCODE 632014	India	Indi
RAMYA.G	SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY-VELLORE TAMILNADU-632014	India	Indi
Dr. P. MAYILVAHANAN	PROFESSOR, DEPT OF COMPUTER APPLICATIONS, VELS UNIVERSITY, PALLAVARAM, CHENNAI-600117	India	Indi

Applicant

Name	Address	Country	Nat
SUBRATA CHOWDHURY	VELS UNIVERSITY, CHENNAI, PALLAVARAM, Ph.D. RESEARCH SCHOLAR 38, GOLDEN NAGAR, VIT UNIVERSITY OPPOSITE KATPADI	India	Indi
RAMYA.G	SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY-VELLORE TAMILNADU-632014	India	Indi
Dr. P. MAYILVAHANAN	PROFESSOR, DEPT OF COMPUTER APPLICATIONS, VELS UNIVERSITY, PALLAVARAM, CHENNAI-600117	India	Indi

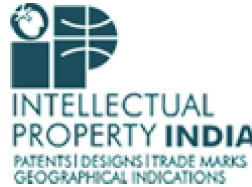
Abstract:

A SYSTEM OF ORIENTED MEDICAL INSURANCE PREDICTION WITH MACHINE LEARNING INTEGRATED IOT This invention relates to an Oriented Medical Insurance Prediction with Machine Learning Integrated IoT. Health insurance significantly provides policies and coverage for a variety of purposes like surgery, ambulatory, heavy illness, person accidents, transplants, and so on. Nowadays, Governments and other private companies have been announcing flexible benefit programs to people who are affected by a kind of diseases. However, automatically predicting the amount of payment allotted to a particular person affected with a disease is still a challenging point. Hence, this patent plans to develop an effective machine learning system integrated with the Internet of Things (IoT) to predict the health insurance amount. IoT in healthcare enables interoperability, machine-to-machine communication, information exchange, and data movement that make healthcare service delivery effective. The model includes three phases (a) Feature Extraction, and (b) Weighted Feature Extraction, and (c) Prediction. The feature extraction process computes two statistical measures: First Order Statistic mean, median, standard deviation, maximum value of entire data, and minimum value of entire data, and Second Order Statistics like Kurtosis, skewness, correlation, and entropy. The prediction process deploys a renowned machine learning algorithm called Neural Network (NN). As a main contribution, weighted feature vector is developed where the weight is optimally tuned by Modified Whale Optimization Algorithm (WOA). In addition, the contribution also relies on NN, where the training algorithm is replaced with the same modified WOA for the purpose of weight update. The modified WOA developed here is termed as Fitness dependent Randomized Whale Optimization Algorithm (FR-WOA). At last, the valuable experimental analysis using three datasets confirms the efficient performance of the suggested model.



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Application Details

APPLICATION NUMBER	201941045086
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/11/2019
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	HEPATOPROTECTIVE EFFECT OF THE SEAGRASS-ENHALUS ACOROIDES
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/11/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941045087
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/11/2019
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	REHABILITATIVE WHEELCHAIR FOR DISABLED DOGS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	29/11/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941045088
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/11/2019
APPLICANT NAME	The Registrar, Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	BIO NANO COMPOSITE DEGRADABLE PLASTIC
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/11/2019

Application Status

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Application Details

APPLICATION NUMBER	201941045089
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/11/2019
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	PERFORMANCE STUDY ON GRAPHENE OXIDE COATED ZINC ANODE BATTERY
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/11/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Application Details

APPLICATION NUMBER	201941045090
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/11/2019
APPLICANT NAME	THE REGISTRAR VELS INSTITUTE OF SCIENCE TECHNOLOGY&ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	A METHOD TO ENHANCE BLOOD BRAIN BARRIER PERMEABILITY OF CURCUMIN
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/11/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY **NAAC** WITH 'A' GRADE

INSTITUTION WITH **UGC 12B** STATUS

NIRF 2022

OVERALL

PATENT PUBLISHED 2020



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Application Details

APPLICATION NUMBER	202041001190
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/01/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	CONTROLLABLE SYNTHESIS OF DEFECTIVE HARD CARBON MATERIAL FROM BORASSUS FLABELLIFER MALE INFLORESCENC
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	registrar@velsuniv.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	09/11/2020
PUBLICATION DATE (U/S 11A)	13/11/2020

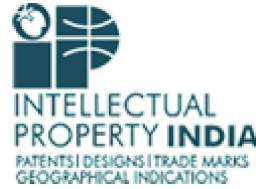
Application Status

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Application Details

APPLICATION NUMBER	202041025456
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	A PROCESS FOR BIODIESEL CONVERSION FROM WASTE CHICKEN FAT OIL VIA TRANSESTERIFICATION REACTION
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025443
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	PIN NUMBER THEFT RECOGNITION USING SIXTH SENSE TECHNOLOGY
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041025419
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SYNTHESIS OF 2-CHLORO-4"-METHOXY BENZILIC ACID AND ITS BIOLOGICAL ACTIVITY
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

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Application Details

APPLICATION NUMBER	202041025466
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	UNFOLDING TYPE OF GASTRO RETENTIVE FILM OF ANTI-EPILEPTIC AGENT: FORMULATION AND OPTIMIZATION
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

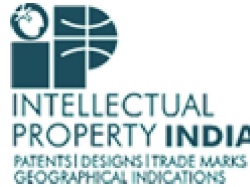
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Application Details

APPLICATION NUMBER	202041025459
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF SOME NEW QUINOLINYL CHALCONE DERIVATIVES
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020
REPLY TO FER DATE	25/08/2021

Application Status

APPLICATION STATUS	Application Refused U/S 15
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Order(s)/Decision(s)

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Application Details

APPLICATION NUMBER	202041025416
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	DEVELOPMENT OF DRUG DELIVERY SYSTEM FOR HELMINTHIASIS
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025413
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	EMERGENCY MEDICAL KIT PROVIDING ROBOT
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025455
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	FINGER VEIN AUTHENTICATION USING LDC BASED ON K-MEANS CLASSIFICATION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041025461
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	INTEGRATION OF DIGITAL TDS METER IN DOMESTIC RO WATER PURIFIER
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020
REPLY TO FER DATE	06/09/2021

Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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Application Details

APPLICATION NUMBER	202041025414
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	MEDIATING ROLE OF BRAND AWARENESS TOWARDS CONSUMER PRODUCT KNOWLEDGE AND CONSUMER BUYING BEHAVIOUR
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	Patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041025425
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	MUSA BANDAID TO HEAL BURN WOUNDS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041025446
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	PERYLENE-DI IMIDES ANALOGUES AS POTENT APOPTOSIS INDUCER AND EFFICACIOUS ANTICANCER AGENT
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	Application Awaiting Examination
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Application Details

APPLICATION NUMBER	202041025411
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	PULSE RATE MEASUREMENT USING ANDROID SMARTPHONE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041025429
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	REVERSAL OF DIABETIC RETINOPATHY IN MODIFIED PROLIFERATIVE DIABETIC RETINOPATHY MODEL IN RATS USING TRADITIONAL INDIAN MEDICINAL PLANTS
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

APPLICATION STATUS	Application Awaiting Examination
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Application Details

APPLICATION NUMBER	202041025451
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SMART VEHICLE TRACKING AND ACCIDENT DETECTION SYSTEM
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025450
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SYNTHESIS OF ZINC OXIDE NANOPARTICLE USING COCOS NUCIFERA MALE FLOWER EXTRACT AND ANALYSIS THEIR ANTIMICROBIAL ACTIVITY
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025454
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	TREATMENT OF LAKE WATER BASED ON BIOCHAR AND ACTIVATED CARBON FILTER SYSTEM
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020
REPLY TO FER DATE	29/04/2021

Application Status

APPLICATION STATUS	Application in Hearing
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Application Details

APPLICATION NUMBER	202041025424
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	ZN METAL BASED ANTICANCER DRUG
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	03/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041025464
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	MOLECULAR DOCKING STUDIES FOR ANTITUBERCULAR ACTIVITY, SYNTHESIS, CHARACTERISATION AND ANTIMICROBIAL EVALUATION OF AZETIDINE-2-ONE DERIVATIVE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	10/07/2020
REPLY TO FER DATE	08/07/2021

Application Status

APPLICATION STATUS	Application Refused U/S 15
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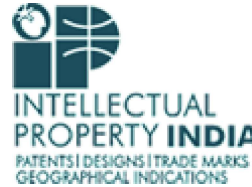
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Application Details

APPLICATION NUMBER	202041025467
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCE STUDIES(VISTAS)
TITLE OF INVENTION	WEBIFY: A COST-EFFECTIVE SYSTEM FOR CONTROLLING OF HOME APPLIANCES
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	17/06/2020
PUBLICATION DATE (U/S 11A)	10/07/2020

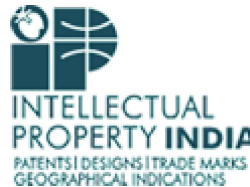
Application Status

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Application Details

APPLICATION NUMBER	202041031464
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/07/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	LOW-COST 2D PLOTTER COMPUTER NUMERIC CONTROL (CNC) MACHINE USING ARDUINO
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/07/2020
PUBLICATION DATE (U/S 11A)	31/07/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041031465
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/07/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	MIND-BODY SYNERGY THERAPY (MST)
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/07/2020
PUBLICATION DATE (U/S 11A)	31/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041031467
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/07/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	DETERMINATION OF CARBONYL AND ORGANOPHOSPHOROUS PESTICIDES USING NEW GENERATION MATERIALS
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/07/2020
PUBLICATION DATE (U/S 11A)	31/07/2020

Application Status

APPLICATION STATUS	Application referred u/s 12 for examination.
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Application Details

APPLICATION NUMBER	202041031469
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/07/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	TASTE MASKING ANTI-EPILEPTIC ION-EXCHANGE RESINATES IN SOLID-STATE: FORMULATION OF LIQUID SUSPENSION FOR PEDIATRIC APPLICATION
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/07/2020
PUBLICATION DATE (U/S 11A)	31/07/2020
REPLY TO FER DATE	06/08/2021

Application Status

APPLICATION STATUS	Application Refused U/S 15
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Application Details

APPLICATION NUMBER	202041031468
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/07/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	AUTOMATIC SYSTEM FOR GRADING MANGOES
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/07/2020
PUBLICATION DATE (U/S 11A)	31/07/2020

Application Status

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Application Details

APPLICATION NUMBER	202041032043
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/07/2020
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	COVID-19 EARLY WARNING SYSTEM (CO-EWS) FOR SENIOR CITIZENS AT OLD AGE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/07/2020
PUBLICATION DATE (U/S 11A)	14/08/2020

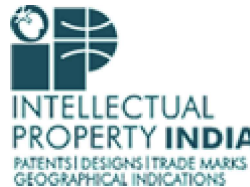
Application Status

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Application Details

APPLICATION NUMBER	202041032047
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/07/2020
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	DESIGN OF AN AUTO COOLANT SMART HELMET WITH BIOMETRIC AUTHENTICATION THEREOF
FIELD OF INVENTION	TEXTILE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/07/2020
PUBLICATION DATE (U/S 11A)	14/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041032042
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/07/2020
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	REAL TIME INTELLIGENT PARKING SYSTEM USING SENSOR
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/07/2020
PUBLICATION DATE (U/S 11A)	14/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041032039
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/07/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SPAM REDUCTION IN SMARTPHONES TO RESIST IT FROM INTRUDERS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/07/2020
PUBLICATION DATE (U/S 11A)	07/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041032041
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/07/2020
APPLICANT NAME	Vels Institute of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	WEARABLE BAND FOR AUTOMATIC DETECTION OF BODY TEMPERATURE ABNORMALITY
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/07/2020
PUBLICATION DATE (U/S 11A)	14/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041035014
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/08/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	AUTOMATED PHLEBOTOMY DEVICE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/08/2020
PUBLICATION DATE (U/S 11A)	28/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041035013
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/08/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	VISION CONTROLLER IN TELEVISION USING MOTION DETECTION
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/08/2020
PUBLICATION DATE (U/S 11A)	28/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041035029
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/08/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	ROLE OF POLIO VIRUS ANTIGEN IN MODULATING THE BETA-CELL AUTOIMMUNITY IN TYPE 1 DIABETES MELLITUS
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/08/2020
PUBLICATION DATE (U/S 11A)	28/08/2020

Application Status

APPLICATION STATUS	Application Awaiting Examination
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➡ Disposed



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Application Details

APPLICATION NUMBER	202041035023
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	INTEGRATED MULTI-PURPOSE FIELD SURVEILLANCE ROBOT FOR MILITARY USE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/08/2020
PUBLICATION DATE (U/S 11A)	28/08/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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➡ Filed ➡ RQ Filed ➡ Published ➡ Under Examination
➡ Disposed



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Application Details

APPLICATION NUMBER	202041035022
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY& ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	DEVELOPMENT AND CHARACTERIZATION OF SQUALENE LOADED TOPICAL EMULGEL SCAFFOLD: CELLULAR PROLIFERATIVE POTENTIAL AND REGENERATION IN FULL THICKNESS BURNT MODEL.
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.co
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/08/2020
PUBLICATION DATE (U/S 11A)	28/08/2020

Application Status

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➡ Disposed



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Application Details

APPLICATION NUMBER	202041036035
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	MULTI-LAYERED GRAPHENE FROM MALUS DOMESTICA (APPLE) PEEL
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2020
PUBLICATION DATE (U/S 11A)	04/09/2020

Application Status

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➡ Disposed



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Application Details

APPLICATION NUMBER	202041036042
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	GPS BASED INTELLIGENT TRAFFIC CONTROL SYSTEM (GIT-CS) DEVELOPMENT FOR AMBULANCE
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2020
PUBLICATION DATE (U/S 11A)	04/09/2020

Application Status

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➡ Disposed



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Application Details

APPLICATION NUMBER	202041036037
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	GRAPHENE-SILOXENE BASED COMPOSITE ANODES FOR LITHIUM-ION BATTERIES
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2020
PUBLICATION DATE (U/S 11A)	04/09/2020

Application Status

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➡ Disposed



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Application Details

APPLICATION NUMBER	202041036030
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	APPARATUS FOR SCREENING, EVALUATION AND IN VITRO-IN VIVO CORRELATION OF ANTI-DIABETIC ACTIVITY
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2020
PUBLICATION DATE (U/S 11A)	04/09/2020

Application Status

APPLICATION STATUS	Application referred u/s 12 for examination.
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Application Details

APPLICATION NUMBER	202041036033
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS),
TITLE OF INVENTION	AUTOMATIC LEAF DISEASE DETECTION USING SMART PHONE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2020
PUBLICATION DATE (U/S 11A)	04/09/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041039327
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	INNOVATION ON CNC LATHE TOOL POST WITH INTELLIGENT COOLING SYSTEM BY USING CRYOGENIC LIQUID NITROGEN(LN2) SYSTEM
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/09/2020
PUBLICATION DATE (U/S 11A)	18/09/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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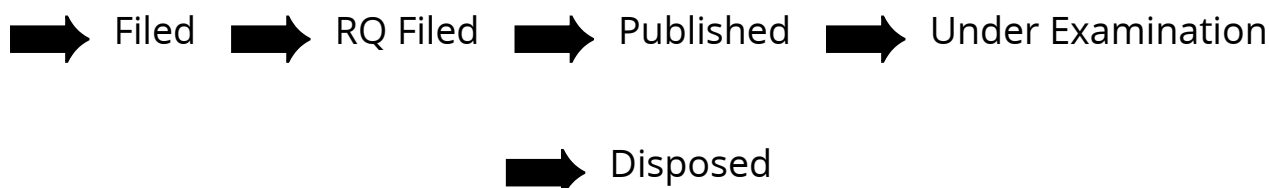
Application Details

APPLICATION NUMBER	202041039318
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VITAS)
TITLE OF INVENTION	IOT BASED SMART STICK FOR BLIND PERSON
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/09/2020
PUBLICATION DATE (U/S 11A)	18/09/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041039319
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	DESIGN AND FABRICATION OF BATTERY-OPERATED ELECTRIC VEHICLE
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/09/2020
PUBLICATION DATE (U/S 11A)	18/09/2020

Application Status

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Application Details

APPLICATION NUMBER	202041039320
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VITAS)
TITLE OF INVENTION	RECAPTURE FOR RAPTURE- THE R PLUS R MEDITATION
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/09/2020
PUBLICATION DATE (U/S 11A)	18/09/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041039321
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	WATER MONITORING AND ACCESSING SYSTEM FOR MULTISTOREY BUILDING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/09/2020
PUBLICATION DATE (U/S 11A)	18/09/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041040456
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	PERDUCRANE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

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Application Details

APPLICATION NUMBER	202041040450
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	PRESSURE COOKER LID WATER SPILL ABSORBER
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020
REPLY TO FER DATE	14/09/2021

Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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Application Details

APPLICATION NUMBER	202041040446
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	RETRIEVAL OF MEDICAL DATA USING BIOMETRIC SYSTEMS AND REAL TIME DIAGNOSIS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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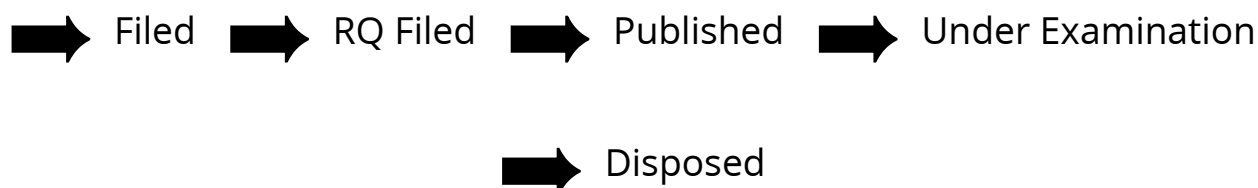
Application Details

APPLICATION NUMBER	202041040444
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SELF-RECHARGING POWER BANK
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041040441
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS Institute Of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	SMART SHIELD FOR WOMEN
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

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Application Details

APPLICATION NUMBER	202041040457
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	ANTIBACTERIAL AND ANTIFUNGAL ACTIVITY OF NANO HERBAL GEL FROM THE ETHANOLIC EXTRACT OF THE STEM BARK OF BAUHINIA VARIEGATA
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020
REPLY TO FER DATE	14/09/2021

Application Status

APPLICATION STATUS	Reply Filed. Application in amended examination
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Application Details

APPLICATION NUMBER	202041040470
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	AQUA DRONE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

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Application Details

APPLICATION NUMBER	202041040467
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	Vels Institute of Science, Technology & Advanced Studies (VISTAS),
TITLE OF INVENTION	COMBINATION OF BIOFLAVONOIDS RUTIN AND BERBERINE NANOPARTICLES FOR ITS ANTICANCER ACTIVITY
FIELD OF INVENTION	TRADITIONAL KNOWLEDGE CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

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Application Details

APPLICATION NUMBER	202041040465
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY& ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	DEVELOPMENT OF LUMEFANTRINE LOADED SEDDS: AN ATTEMPT TO IMPROVE THE ANTIMALARIAL EFFICACY AND OVER COME THE RESISTANCE CAUSED BY P. FACIPARUM USING BOX-BEHNKEN DESIGN
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020
REPLY TO FER DATE	06/08/2021

Application Status

APPLICATION STATUS	Application Refused U/S 15
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Application Details

APPLICATION NUMBER	202041040464
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES(VISTAS)
TITLE OF INVENTION	VEHICLE ACCESS CONTROL USING BMT
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/09/2020
PUBLICATION DATE (U/S 11A)	02/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041043167
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	Vels Institute Of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	ANALYSIS OF STRESS LEVEL OF FINAL YEAR COMPUTER SCIENCE STUDENTS OF INDIAN EDUCATIONAL INSTITUTIONS DURING COVID-19 LOCK DOWN PERIOD
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041043164
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	DEEP LEARNING IN SOIL AND PLANT DISEASE WITH NUTRIENT MANAGEMENT
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041043149
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	LARGE-SCALE MANUFACTURING AND RECYCLE THE BLISTER PACKS WASTE INTO VALUE ADDED MATERIALS FOR NEXT GENERATION OF ENERGY STORAGE DEVICES AND USE THEREOF
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

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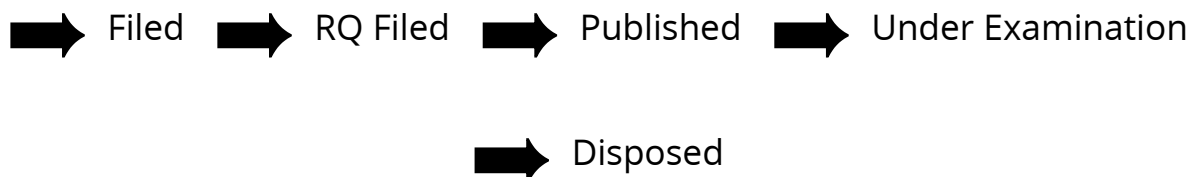
Application Details

APPLICATION NUMBER	202041043161
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS) ,
TITLE OF INVENTION	PATTERN RECOGNITION ALGORITHM OF EARLY BREAST CANCER DETECTION IN MAMMOGRAM IMAGES AND CYST'S SIZE MEASUREMENT IN SONOMAMMOGRAM IMAGES THROUGH PHYSICAL CHARACTERISTICS USING PYTHON
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	Application Awaiting Examination
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Application Details

APPLICATION NUMBER	202041043165
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	Vels Institute Of Science Technology & Advanced Studies(VISTAS)
TITLE OF INVENTION	SECURE FRAMEWORK FOR MITIGATION OF CLOUD BASED EDOS ATTACKS
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041043136
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	GMM MODEL BASED ANOMALY DETECTION SYSTEM FOR INTRUDING OBJECTS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

APPLICATION NUMBER	202041043142
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	NOVEL DIATOM BIOSILICA NANOPARTICLES AS A DRUG DELIVERY CARRIER FOR INFECTIOUS DISEASES: DEVELOPMENT IN-VITRO, AND IN-VIVO CHARACTERIZATION.
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

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➡ Filed ➡ RQ Filed ➡ Published ➡ Under Examination

➡ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



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<http://ipindia.nic.in/index.htm>

Application Details

APPLICATION NUMBER	202041043143
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	Vels Institute Of Science, Technology & Advanced Studies (VISTAS)
TITLE OF INVENTION	PHYTOCHEMICAL SCREENING AND EVALUATION OF ANTIFERTILITY ACTIVITIES OF POLYGONUM GLABRUM IN FEMALE ALBINO RATS
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	Application Awaiting Examination
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➡ Filed ➡ RQ Filed ➡ Published ➡ Under Examination
➡ Disposed



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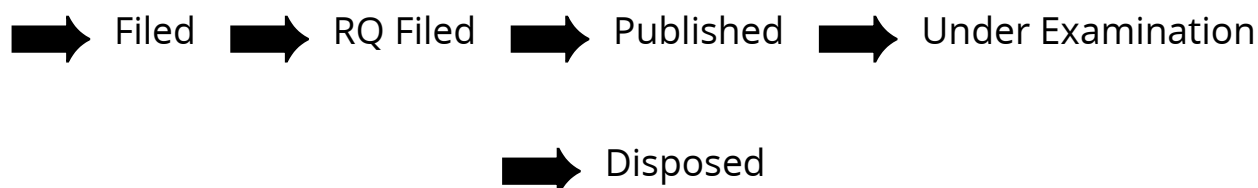
Application Details

APPLICATION NUMBER	202041043163
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	SMART WEARABLE GUIDING ASSISTANT (SWGA) FOR VISUALLY IMPAIRED
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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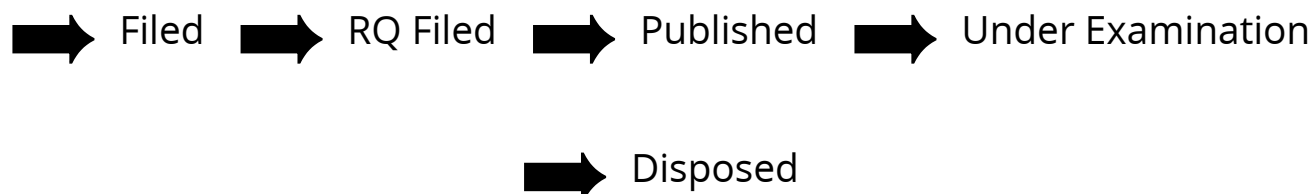
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202041043156
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	ZIKA VIRUS PREDICTION USING IOT TRACKING SYSTEM
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2020
PUBLICATION DATE (U/S 11A)	16/10/2020

Application Status

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Application Details

APPLICATION NUMBER	202041053918
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/12/2020
APPLICANT NAME	VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
TITLE OF INVENTION	MIND READER SYSTEM IN SUPER MARKET
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	patent.vels@eattributes.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/12/2020
PUBLICATION DATE (U/S 11A)	18/12/2020

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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