
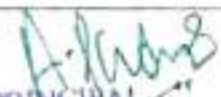


## Patents - Granted

| S.No. | Name of the Faculty   | Topic  | Obtained / Published / Filed   | Product/Area<br>Please mention area of the work |
|-------|-----------------------|--|--|---|
| 1.    | Dr. Sudharshan        | Intelligent Sanitation of Village                          | 19/11/2013<br>18/12/2020<br>2020104194(IPR)<br>GRANTED                       | Artificial Intelligence                         |
| 2.    | Dr.M.Nagabhushana Rao | MCHO-Block Chain   | 23/09/2020<br>05/11/2020<br>2020102115<br>(IP Australian Patents)<br>Granted | Block Chain Technology                          |
| 3.    | Dr K Ramesh Babu      | Fire detection and notification using IOT based technology | 23/09/2020<br>25/01/2021<br>2020102097<br>(IP Australian Patents)<br>Granted | IoT Based technology                            |

  
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|    |                       |  |   |                                    |
|----|-----------------------|--|---|------------------------------------|
| 4. | Dr.M.Nagabhushana Rao | AML -Data Cleaning<br>Automatic Data Cleaning<br>Using Machine Learning  | 07/10/2020<br>25/01/2021<br>2020102190<br><b>(IP Australian Patents)<br/>Granted</b>          | Machine Learning                   |
| 5. | Dr D Aruna Kumari     | Automatic Method and<br>Technologies for Biomedical<br>Waste Management Including<br>Ayurveda Hospitals Using<br>IoT- Based System | Applied: 18/11/2020<br>25/01/2021<br>2020102665<br><b>(IP Australian Patents)<br/>Granted</b> | Process/Biomedical-IoT             |
| 6. | Mr.B.Srinivasulu      | HBT-Temperature and<br>Location Monitor using IOT<br>based Technology  | 04/11/2020<br>25/01/2021<br>2020102512<br><b>(IP Australian Patents)<br/>Granted</b>          | IOT based Technology               |
| 7. | Dr Pallavi Badry      | Automatic process for<br>Recycling C&D Waste<br>Including Concrete Part and<br>Convert Useful Material                             | 18/11/2020<br>10/01/2021<br>2020102728<br><b>(IP Australian Patents)<br/>Granted</b>          | Concrete Technology                |
| 8. | Dr. Kamalini Devi     | Mineral water quality<br>Testing system IOT based  | 01/12/2020<br>27/01/2021<br>2020103845<br><b>(IP Australian Patents)<br/>Granted</b>          | Product/Digital Electronics        |
| 9. | Mr. K S R K Sarma     | IoT-based Health Notification<br>and Doctor Availability<br>Checking in Hospital Using   | 25/11/2020<br>21/1/2021<br>2020102614   | Product/ IoT & Machine<br>Learning |


  
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|     |  |   |   |                             |
|-----|--|---|---|-----------------------------|
|     |  | Machine Learning, Deep Learning Programming.                      | (IP Australian Patents) Granted   |                             |
| 10. | Dr K Ramesh Babu   | OMAI-AI Based Waste treatment system                              | 01/12/2020<br>13/01/2021<br>2020103521<br>(IP Australian Patents) Granted | Artificial Intelligence     |
| 11. | Dr A Srujana,<br>Dr. C N Ravi,<br>B. Sudhakar Reddy,<br>B. Rajesh,<br>M. Vijay Kumar | IFAC – Driverless Vehicle Autonomous Control                      | 01/12/2020<br>13/01/2021<br>2020103519<br>(IP Australian Patents) Granted | Product/Digital Electronics |
| 12  | Dr.M. Nagabhushana Rao,<br>Mr. EswarBanala.  | Adhoc Routing Protocol Validation & Verification Based in Beagle. | 19/01/2021<br>2021100773<br>(IP Australian Patents) Applied               | Networks                    |
| 13  | Dr.M. Nagabhushana Rao   | Non Recyclable packing convert in to a useful products.           | 23/01/2021<br>2021100983<br>(IP Australian Patents) Applied               | Package Product             |

  
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**Patents – Filed/Published**

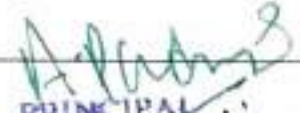
| S.No. | Name of the Faculty   | Topic   | Obtained/ Filed   | Product                         |
|-------|---|---|---|---------------------------------|
| 14.   | Dr.G. Sreeram Reddy,<br>Dr.V.V.Satyanarayana,<br>Dr L. Madan Ananda Kumar           | A Water Purification System   | 26/08/2017<br>08/09/2017<br><b>Published</b><br>201741030250<br>(IPR INDIA) | Product/solar purification      |
| 15.   | Dr.G. Sreeram Reddy,<br>Dr.V.V. Satyanarayana,<br>Mr. J. Jagadeshkumar              | Method For Computing Gaussian Curvature Deviation                       | 06/10/2017<br>13/10/2017<br><b>Published</b><br>201741035554<br>(IPR INDIA) | Process/Optimization techniques |
| 16.   | Dr L. Madan Ananda Kumar,<br>Dr.G. SreeramReddy, Mr.T. Pavan Kumar, K. Srinivas Rao | Window Assembly For Absorbing Sunlight & Controlling Weather            | 28/11/2017<br>8/12/2017<br><b>Published</b><br>201741042689<br>(IPR INDIA)  | Product/<br>Solar ventilation   |
| 17.   | Dr.N.Ravinder Reddy   | System And Method For A Friction Stir Welding Tool                      | 28/11/2017<br>08/12/2017<br><b>Published</b><br>201741042693<br>(IPR INDIA) | Product/Tool design             |
| 18.   | Dr.M.Vadivel,<br>Dr.V.G.Sivakumar,<br>Dr.K.Vasanth,<br>Dr HarikrishnaKamatham       | A Mobile Device for generation of Electric power in a fast-movingtrain. | 12/02/2018<br><b>Filed</b><br>201841005133<br>(IPR INDIA)                   | Area: Power System              |

  
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|     |   |  |  |                                       |
|-----|---|--|--|---------------------------------------|
| 19. | Dr V.G.Sivakumar,<br>Dr.M.Vadivel,<br>Dr K.Vasanth,<br>Dr HarikrishnaKamatham                 | Compact Electronic device<br>to measure tall objects.                          | 12/02/2018<br>Filed<br>201841005135<br>V                             | Instrumentation                       |
| 20. | Dr K.Vasanth,<br>Dr C.N Ravi,<br>Dr V.G.Sivakumar,<br>Dr.M.Vadivel,<br>Dr HarikrishnaKamatham | Automated Electrically<br>operated KalpaViriksha<br>water extraction Machine.  | 12/02/2018<br>07-07-2018<br>Filed<br>201841005126.<br>(IPR INDIA)    | Automation                            |
| 21. | Dr.K.Vasanth, Dr.C.N.Ravi,<br>Dr.V.G.Sivakumar,<br>Dr.M.Vadivel,<br>Dr HarikrishnaKamatham    | Palm Fruit Extractor -<br>A business idea.                                     | 12/02/2018<br>Filed<br>201841005134<br>(IPR INDIA)                   | Automation                            |
| 22. | Dr L. Madan Ananda kumar<br>P Chandra Kumar   | Hydraulic Sliding System<br>For Vehicle And Method<br>Employed Thereof         | 06/04/2018<br>29/03/2018<br>Published<br>201841011957<br>(IPR INDIA) | Product/ sliding mechanism            |
| 23. | Dr.L.Madan Mohan,<br>Ananda Kumar   | Power Generation System<br>For Movable Vehicles And<br>Method Employed Thereof | 09/05/2018<br>25/05/2018<br>Published<br>201841017523<br>(IPR INDIA) | Product/ Portable power<br>generation |
| 24. | Dr.G. Sreeram Reddy,<br>Dr L. Madan kumar   | Measuring Instrument   | 25/06/2018<br>Filed<br>307075(IPR-INDIA-<br>Design Patent)           | Product/ tool design                  |

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|     |   |  |   |                                |
|-----|---|--|---|--------------------------------|
| 25. | 1)Dr. Nelly Ravinder Reddy<br>2)Dr. B.Ravinder Reddy<br>3)Appala Nagendra Sri Anurag<br>4)Dr. Afroz Mehar | Design of Tool Geometry Profile for Friction Stir Welding Process                                  | 20/11/2018<br>30/11/2018<br><b>Published</b><br>201841043684<br>(IPR INDIA) | Product/<br>Tool geometry      |
| 26  | Mr P Chandra Kumar  | Method of Preparation of Biofuel from BioMass,   | 21/12/2018<br>28/12/2018<br><b>Published</b><br>201841048627<br>(IPR INDIA) | Process/ bio fuel              |
| 27. | Mr Srinivasa Rao K  | Vital monitoring device for kids.  | 17-01-2019<br>24/05/2019<br><b>Published</b><br>201941002083<br>(IPR INDIA) | Product/IoT                    |
| 28. | Mr. J. Pradeep Kumar  | A System and Method of Mechanical Rotary to Reciprocating via Metamaterial Mechanism               | 03/05/2019<br>10/05/2019<br><b>Published</b><br>201941017674<br>(IPR INDIA) | Product/kinematics of machines |
| 29. | Dr. S. Thulasi Prasad   | Network Security System and Method.  | 11/11/2019<br>17/01/2020<br><b>Published</b><br>201941045873<br>(IPR INDIA) | Communication Networks         |
| 30. | Mr. K S R K. Sarma<br>Mr. B. Vikas  | System and method to improve the performance index in transport process by using Artificial Neural | 21/11/2019<br>29/11/2019<br><b>Published</b><br>201941047511                | Artificial Neural Networks     |

  
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|     |                         | Networks.  | (IPR INDIA)  |                                 |
|-----|-------------------------|--|--|---------------------------------|
| 31. | Dr. S. Thulasi Prasad   | Serious Patients Checking Using Machine Learning And (AI) Artificial Intelligence                                    | 23/05/2020<br>05/06/2020<br><b>Published</b><br>202041021761<br>(IPR INDIA)  | Product/Biomedical-IoT          |
| 32. | Ms. Sridevi Jalakam     | Enhanced quality of service in mobile phones.  | 09/05/2020<br>31/07/2020<br><b>Published</b><br>202021019670<br>(IPR INDIA)  | Product/Wireless communications |
| 33. | Dr. M. Nagabhushana Rao | Honey-Pots Security System.  | <b>Published</b><br>24/08/2020<br>25/09/2020<br>202011036309<br>(IPR INDIA)  | Cyber Security                  |
| 34. | Dr.M.Nagabhushana Rao   | Intelligent Voice Based-Email.   | <b>Published</b><br>07/09/2020<br>25/09/2020<br>202041038460<br>(IPR- INDIA) | Software Email                  |
| 35. | G.Indira Priyadarshini  | RDAH-Health Notification: IOT based Health Notification and Real time Doctor Availability checking in Hospital Using | 24/09/2020<br>09/10/2020<br><b>Published</b><br>202041041351                 | IOT based Technology            |

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|     |  | Machine Learning.  | (IPR INDIA)  |                                 |
|-----|--|--|--|---------------------------------|
| 36. | P. Lakshmi Sony  | Intelligent Women Security using Street Light and Auto run Unmanned Aerial Vehicle Using IOT based Technology.                                       | 02/10/2020<br>09/10/2020<br>Published<br>202041042891<br>(IPR INDIA) | IOT based Technology            |
| 37. | Dr A. Padmaja  | Textile Mill Waste Water and Solid Waste Convert into A Biodiesel and Bio Compost.   | 07/10/2020<br>06/11/2020<br>Published<br>202011043543<br>(IPR INDIA) | Process/Biodiesel & Bio Compost |
| 38. | Dr A Srujana   | Digital Electric Meter :Design, Implementation and Simulation of Prepaid, Post Paid digital Electric Meter, Theft Monitoring System SMS, Voice Alert | 13/10/2020<br>03/11/2020<br>Published<br>202041044434<br>(IPR INDIA) | Product/Digital Electronics     |
| 39. | Dr C N Ravi  | Automatic Over Voltage Load Protection and Distribution  | 19/10/2020<br>30/10/2020<br>Published<br>202041045339<br>(IPR INDIA) | Voltage Load Protection         |
| 40. | <b>Student Patent:</b><br>L.Nishit Reddy, P.Dheeraj Reddy, G. Sai Yuva Teja, B. Chaitanaya Y. Praveen Kumar, A. Swarna, G. | The stored Gains In Warehouse By Continuously monitoring the temperature ,Co2, Humidity in the   | Published<br>16/11/2020<br>04/12/2020<br>202041049928<br>(IPR INDIA) | Product<br>IOT                  |

  
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|     |                           |  |  |                  |
|-----|---------------------------|--|--|------------------|
|     | Surekha, MD. Zaheer Ahmed | Warehouse.   |  |                  |
| 41. | Dr.M. Nagabhushana Rao    | Modern Education System  | 22/01/2021<br>202131007251<br>(IPR INDIA)<br>Applied | Automation       |
| 42. | Dr. Kondala Rao. K        | Stability Analysis of a<br>Dengue Disease<br>Transmission model with<br>Intracellular Delay. | 25/01/2021<br>202141003307                           | Medical          |
| 43. | A.Devakishan              | MTV Framework Traffic<br>classification  | 03/03/2021<br>202111008829                           | Networks         |
| 44. | V.Sridhar                 | Image Processing System<br>and Method for Object<br>Detection Using Machine<br>Learning      | 16/03/2021<br>202111011159                           | Machine Learning |

  
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**INTELLECTUAL  
PROPERTY INDIA**

PATENTS (DESIGNS) TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE

1970 (2) of Patents Act

बि.पेट. 254011



|   |                                   |
|---|-----------------------------------|
| पेटेंट सं. / Patent No.                 | 254011                            |
| आवेदन सं. / Application No.             | 5315/CHE/2013                     |
| प्रस्तुत करने की तारीख / Date of Filing | 19/11/2013                        |
| पेटेंटी / Patentee                      | T DR. T. PALANISAMY / N. SUDHARSA |

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में ब्यक्तकृत GLASSCRETE BUILDING BLOCKS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख 19th day of November 2013 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled GLASSCRETE BUILDING BLOCKS as disclosed in the above mentioned application for the term of 20 years from the 19th day of November 2013 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख  
Date of Grant : 19/11/2020

*A. Prasad*  
P. K. S. RAO  
Vidya Jyothi Institute of Technology  
Huzurpalle (V) C. E. Road  
Hyderabad-79

*[Signature]*  
पेटेंट नियंत्रक  
Controller of Patent

टिप्पणी - इस पेटेंट से संबंधित कोई भी शुल्क, यदि इसे बनाए रखा जाना है, 19th day of November 2015 से और उसके पश्चात प्रत्येक वर्ष में उसी दिन देना होगा।  
Note: The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 19th day of November 2015 and on the same day in every year thereafter.



Australian Government  
IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102115

The Commissioner of Patents has granted the above patent on 23 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

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

Neeraj Kumar Shukla of College of Engineering, King Khalid University Abha-61413 Asir Saudi Arabia  
Vineet Tirth of College of Engineering, King Khalid University (KKU) Abha-61411 Asir Saudi Arabia  
Tarun Varshney of ABES Engineering College, Ghaziabad Uttar Pradesh 201009 India  
Mahaveer Singh Naruka of Nodal officer: Academic, State Project Implementation Unit-UP TEQIP-III, Lucknow-226031, U.P., India India  
Ram Karan Singh of Depart. of Civil and Environmental Engg., The NorthCap University Gurugram Haryana-122017 India  
Chanakya Kumar Jha of F 204, Devi Indrayani Society, Dehu Alandi Road, Near Talwade IT Park Talwade, Pune -412114, MH India  
S. B. Chordiya of Suryadatta Institute of Management & Mass Communication (SIMMC) Sr. No. 342 Bavdhan, Pune-411021, MH India  
Vrushen Purushottam Pawar of Flat No.101, H1, Swiss County, Thergaon Pune- 411033, MH India  
M. Nagabhushana Rao of IT Department, VJIT, Hyderabad, Telangana 500075, AP India  
Beg Raj Singh of Vill- Jamuai, Post -Jamuhar, Chunar Mirzapur- 231304, UP India

**Title of invention:**

MCHO- Blockchain Technology: MEDICINE, CLINICAL TEST AND HEALTHCARE OBSERVATION USING BLOCKCHAIN TECHNOLOGY

**Name of inventor(s):**

Shukla, Neeraj Kumar; Tirth, Vineet; Varshney, Tarun; Naruka, Mahaveer Singh; Singh, Ram Karan; Jha, Chanakya Kumar; Chordiya, S. B.; Pawar, Vrushen Purushottam; Rao, M. Nagabhushana and Singh, Beg Raj

**Term of Patent:**

Eight years from 3 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.

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Dated this 23<sup>rd</sup> day of September 2020

Commissioner of Patents



PATENTS ACT 1990

The Australian Patent Register is the official record and should be referred to for the name(s) of the patentee(s).



Australian Government  
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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102097

The Commissioner of Patents has granted the above patent on 23 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

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

Dr. Padmalaya Nayak (Professor) of Gokaraju Rangaraju Institute of Engg., and Technology Bachupally Kukatpally, Hyderabad-500 090, Telangana India

Dr. K. Ramesh Babu (Professor) of Vidya Jyoti Institute of Engineering, and Technology, Aziznagar Gate Chilkur Balaji Road, Hyderabad- 500 075 Telangana India

Dr. Surbhi Gupta (Associate Professor) of Gokaraju Rangaraju Institute of Engg., and Technology Bachupally Kukatpally, Hyderabad-500 090, Telangana India

Dr. Neeraj Mohan (Assistant Professor) of IKG Punjab Technical University, Mohali Campus-I Industrial Area Phase 7, Mohali, Punjab India

Dr. Priyanka Kaushal (Associate Professor) of Chandigarh Engineering College Landran, Mohali, Punjab India

Dr. Padmavathi Kora (Professor) of Gokaraju Rangaraju Institute, of Engineering and Technology Bachupally Kukatpally, Hyderabad-500 090, Telangana India

**Title of Invention:**

NIBT- Fire Detection : FIRE DETECTION AND NOTIFICATION USING IOT BASED TECHNOLOGY

**Name of inventor(s):**

Nayak, Padmalaya; Babu, K. Ramesh; Gupta, Surbhi; Mohan, Neeraj; Kaushal, Priyanka and Kora, Padmavathi

**Term of Patent:**

Eight years from 2 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.



*A. Kumar*  
Principal  
Vidya Jyoti Institute of Technology  
Hinnampet (Vill), C. B. Post  
Dated this 23<sup>rd</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 of this patent.

This data, for application number 2020102097, is current as of 2021-01-25 21:00 AEST



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04

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102190

The Commissioner of Patents has granted the above patent on 7 October 2020, and certifies that the below particulars have been registered in the Register of Patents.

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

Anupam Kumar of Assistant Professor, Dept. Of Electronics and Communication, IIIT Kota Office, 2nd Floor Prabha Bhawan, MNIT Jaipur Camp Jin Marg, Malaviya Nagar, Jaipur 302017 India

Dikeshwar Pandey of (Professor), KIET Group of Institutions Ghaziabad UP 201206 India

Manoj Kumar Pandey of (Director & Professor), Amrapali Institute of Technology and, Sciences, Haldwani Nainital UK 263139 India

Narendra Mohan Mishra of (Associate Professor), IMTCDL Ghaziabad Uttar Pradesh 201003 India

Pushpender Sarao of (Professor), H. No. 295, Sector-3, Ballabgarh Faridabad Haryana 121004 India

Jambi Ratna Raja Kumar of (Associate Professor), Department of Computer Engineering, Genba Sopanrao Moze College of Engineering, Balewadi, Pune MH 411045 India

Vrushen Purushottam Pawar of (Group Director), (ASM Group of Institution), Flat No. 101, H1, Swiss County Thergaon, Pune MH 411033 India

S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management, & Mass Communication (SIMMC) Sr. No: 342, Bavdhan Pune, MH 411021 India

M. Nagabhushana Rao of (Professor), IT Department, VJIT, Hyderabad Telangana AP 500075 India

**Title of invention:**

AML- Data Cleaning: AUTOMATIC DATA CLEANING USING MACHINE LEARNING PROGRAMMING

**Name of inventor(s):**

Kumar, Anupam; Pandey, Dikeshwar; Pandey, Manoj Kumar; Mishra, Narendra Mohan; Sarao, Pushpender, Kumar, Jambi Ratna Raja; Pawar, Vrushen Purushottam; Chordiya, S. B. and Rao, M. Nagabhushana

**Term of Patent:**

Eight years from 9 September 2020

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Dated this 7<sup>th</sup> day of October 2020

*A. Krishna*  
PRINCIPAL

Commissioner of Patents

Vidya Jyothi Institute of Technology  
Himayatnagar (Vill), C. B. Puri  
Hyderabad-75

PATENTS ACT 1990



Australian Government

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06

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102665

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.

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

D. Aruna Kumari of (Professor), Department of Computer, Science and Engineering ,Vidya Jyothi, Institute of Technology, Aziznagar Gate Chilukur Belaji Road Hyderabad, Telangana 500075 India

Seema Tiwari of Army Institute of Technology Dighi Pune, MH 411015 India

R. Sumalatha of (Associate Professor), Department of ECE Vardhaman College of Engineering Hyderabad 501218 India

D. Nagajyothi of (Associate Professor), Department of ECE Vardhaman College of Engineering Shamshad 501218 India

M. Rajani Devi of (Associate Professor), Department of ECE Vardhaman College of Engineering Shamshad 501218 India

G. A. E Satish Kumar of (Professor), Department of ECE Vardhaman College of Engineering Hyderabad 501218 India

L. Smitha of (Assistant Professor - GNITS), H.No. 38A, behind bible house RP Road Secundrabad ,Hyderabad 500003 India

Manas Ranjan Sahoo of C/O -Upendra Sahoo, At-Manisahu Chhak, PO - Buxi Bazar Cuttack Odisha 753001 India

Jyoti Lamba of H.No. 477 Surya Nagar, Opp Dalai Bhavan, Gohana Road Rohtak Haryana 124001 India

Nidhi Jain of B-503, Mont Vert Dieu, Pashan Sus Road Pashan Pune, MH 411021 India

**Title of invention:**

AMTH- Biomedical Waste Management: Automatic Method and Technologies for Biomedical Waste Management Including Ayurveda Hospitals Using IoT- Based System

**Name of inventor(s):**

Kumari, D. Aruna; Tiwari, Seema; Sumalatha, R.; Nagajyothi, D.; Devi, M. Rajani; Kumar, G. A. E. Satish; Smitha, L.; Ranjan Sahoo, Manas; Lamba, Jyoti and Jain, Nidhi

**Term of Patent:**

Eight years from 10 October 2020

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

Commissioner of Patents  
*A. Kishore*  
PRINCIPAL

Vidya Jyothi Institute of Technology  
Huzarajinagar (VIII), C. B. Post  
Hyderabad-75.

PATENTS ACT 1990

The Australian Patent Register is the official source and should be referred to for the most up-to-date information.

This data, for application number 2020102665, is current as of 2021-01-25 21:00 AEST



Australian Government

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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102512

The Commissioner of Patents has granted the above patent on 4 November 2020, and certifies that the below particulars have been registered in the Register of Patents.

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

Deepak Gupta of (Associate Professor), HOD Information Technology, Siddhant college of engineering Pune MH India

B. Srinivasulu Reddy of (Associate Professor & Head of the Dept.), Department of information Technology, Vidya Jyothi Institute of Technology Aziz Nagar Gate, C.B. Post Hyderabad Telangana 500 075 India

Anuradha Thakare of (Professor), J 303, Greens Society, Thergaon Pune Maharashtra 411044 India

P. Venkata Krishna of (Professor), Department of Computer Science, Sri Padmavathi Women's University Tirupati Andhra Pradesh 517502 India

P.S. Latha Kalyampudi of (Assistant Professor), Information Technology, BYRIT Hyderabad, College of Engineering for Women Bachupally, Hyderabad Telangana 500090 India

V. Saritha of (Professor and Head), Department of Computer Science & Engineering, Sri Padmavathi Women's University, Tirupati Andhra Pradesh 517502 India

Santosh Gopal Nagpure of (Assistant Professor) Electronics & Telecommunication Engineering Department, Bhagyā Jyot, Sahyadri Colony, Jijamata Chowk, Gurudwara-Walhekarwadi Road, Near Akurdi Railway Station, Chinchwad, Pune, MH 411033 India

S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management & Mass, Communication (SIMMC) Sr. No: 342 Bavdhan, Pune MH 411021 India

Shalini Yadav of (Assistant Professor), GEH Research, G-12, Lavelle Road Bengaluru Karnataka 560001 India

**Title of invention:**

HBT-Temperature and Location Monitor: HUMAN BODY TEMPERATURE AND LOCATION MONITOR USING IOT- BASED TECHNOLOGY

**Name of inventor(s):**

Gupta, Deepak; Reddy, B. Srinivasulu; Thakare, Anuradha; Krishna, P. Venkata; Kalyampudi, P.S. Latha; Saritha, V.; Nagpure, Santosh Gopal; Chordiya, S. B. and Yadav, Shalini

**Term of Patent:**

Eight years from 29 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 4<sup>th</sup> day of November 2020

Commissioner of Patents

*A. Krishna*  
PRINCIPAL

Vidya Jyothi Institute of Technology  
Hussayannagar (VJIT), C.B. Post  
Hyderabad-75

PATENTS ACT 1990

The Australian Patents Register is the official source and should be referred to for the latest published particulars.

This data, for application number 2020102512, is current as of 2021-01-25 21:00 AEST

# INNOVATION PATENT

Patent number: 2020102728

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.

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

Rambabu Vatti of Bharat Institute of Engineering and Technology Hyderabad Telangana 501510 India  
Pallavi Badry of Vidya Jyothi Institute of Technology, Azimnagar Gate Hyderabad Telangana 500075 India  
B. Venkatesh of Department of Mechanical Engineering Vardhaman College of Engineering Hyderabad India  
Viswanatha Reddy Allugunti of Temple Street Gandiapenta Kediri(T), Anantapur (D.T) Andhra Pradesh India  
Vipin Jain of Teerthanker Mahaveer Institute of Management and Technology Teerthanker Mahaveer University Moradabad, Uttar Pradesh 244001 India  
Kanchan D. Ganvir of Priyadarshini Bhagwati College of Engineering, Nagpur Umrer Road Nagpur, MH 440009 India  
Ankur Singh Bist of Graphic Era Hill University, Bhimtal Campus Sattal Rd, Bhimtal Uttarakhand 263156 India  
Anurag Jain of 346-C Kalpana Nagar Piplani Bhopal, M.P 462022 India  
Aakriti Jain of 346-C Kalpana Nagar Piplani Bhopal, M.P 462022 India  
Avinash Thakur of Dr. D.Y. Patil Vidyapeeth, Pimpri Pune, MH 411018 India

**Title of invention:**

APIC- Recycling C&D Waste: Automatic Process for Recycling C&D Waste Including Concrete Part and Convert Useful Material

**Name of inventor(s):**

Vatti, Rambabu, Badry, Pallavi; Venkatesh, B, Reddy Allugunti, Viswanatha; Jain, Vipin; D. Ganvir, Kanchan; Singh Bist, Ankur; Jain, Anurag; Jain, Aakriti and Thakur, Avinash

**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 Register of Patents is the official record and should be referred to for the full details pertaining to the IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A)

Infringement proceedings in respect of an innovation patent cannot be started

*A. K. S.*  
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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103845

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):**

Kamalini Devi of (Associate Professor), Vidya Jyothi Institute of Technology, Aziz Nagar Gate Hyderabad  
Telangana 500075 India

Kolli Mehar Ganesh of (Professor), Department of Civil Engineering, S.R.K.R.Engineering College Bhimavaram  
Andhra Pradesh 534204 India

A. Sri Lakshmi of (Assistant Professor), Assistant Professor in Computer, Applications Government Degree  
College Kodur (RS) Kadapa Andhra Pradesh 516101 India

P.C. Murugan of (Associate Professor), Department of Mechanical Engineering, Kongu Engineering College  
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Garima Chandel of (Assistant Professor), ECE Department, ITS Engineering College Greater Noida UP India

V G PRATHEEP of (Assistant Professor), (Selection Grade), Department of, Mechatronics Engineering Kongu  
Engineering College Perundurai, Erode 638060 India

Setu Garg of ECE Department, ITS Engineering College Greater Noida UP India

Rakesh Kumar Yadav of (Director), Director Koc Institute of Technology & Management Greater Noida UP India

Jami Venkata Suman of (Assistant Professor), Department of Electronics and, Communication Engineering  
GMR Institute of Technology (Autonomous) GMR Nagar, Rajam, Srikakulam-District, AP 532127 India

S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management, & Mass Communication  
(SIMMC) Sr. No: 342 Bavdhan, Pune, MH 411021 India

**Title of invention:**

IBAM-Mineral Water Quality Testing System: IoT-Based Automatic Mineral Water Quality Testing and  
Management System

**Name of inventor(s):**

Devi, Kamalini; Mehar Ganesh, Kolli; Lakshmi, A. Sri; Murugan, P.C.; Chandel, Garima; PRATHEEP, V. G.;  
Garg, Setu; Kumar Yadav, Rakesh; Venkata Suman, Jami and Chordiya, S. B.

**Term of Patent:**

Eight years from 2 December 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 27<sup>th</sup> day of January 2021

Commissioner of Patents

PRINCIPAL  
Vidya Jyothi Institute of Technology  
Hitech Nagar (V.O.) C.B. Road  
Hyderabad-75

PATENTS ACT 1990

The Australian Patent Register is a file of publications and should be referred to for the full text of this document.



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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102614

The Commissioner of Patents has granted the above patent on 25 November 2020, and certifies that the below particulars have been registered in the Register of Patents.

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

Rajesh Kumar Pathak of (Vice Chancellor SRS University RAIPUR), FF-2, B-125, R.K. Puram, Govindpuram Ghaziabad UP India

Pawan Kumar Bharti of (Vice Chancellor), A-905, Gaur Abulyam Society Omicron-1 Greater Noida Up 201310 India

Ajeet Singh of (Assistant Professor), IIMT Engineering College Meerut UP India

MD. Iqbal of (Associate Professor), Computer Science and Engineering, Meerut Institute of Engineering & Technology, Meerut UP 250005 India

Ksrk. Sarma of (Assistant Professor) Department of, Computer Science and Engineering, Vidya Jyothi Institute of Technology Aziznagar Gate, Chlukur Balaji Road Hyderabad, Telangana 500075 India

Om Prakash Sahu of (Assistant Professor) Sense, Vellore Institutes of Technology, VIT Chennai Campus, Vandalur- Kellambakkam Road, Rajan Nagar Chennai, Tamilnadu 600127 India

Prasant Kumar Pattnaik of (Professor), School of Computer Engineering, Kalinga Institute of Industrial Technology Bhubaneswar India

Vipin Jain of (Principal /Director), Teerthanker Mahaveer Institute, of Management and Technology Teerthanker Mahaveer University Moradabad, Uttar Pradesh 244001 India

S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management, & Mass Communication (SIMMC) Sr. No: 342 Bavdhan, Pune MH 411021 India

**Title of Invention:**

DACH- Health Notification: IoT-based Health Notification and Doctor Availability Checking in Hospital Using Machine Learning, Deep Learning Programming

**Name of Inventor(s):**

Pathak, Rajesh Kumar; Bharti, Pawan Kumar; Singh, Ajeet; Iqbal, MD.; Sarma, Ksrk; Sahu, Om Prakash; Pattnaik, Prasant Kumar; Jain, Vipin and Chordiya, S. B.

**Term of Patent:**

Eight years from 6 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 25<sup>th</sup> day of November 2020

Commissioner of Patents

PRINCIPAL  
Vidya Jyothi Institute of Technology  
Huzumtnagar (Vill), C. B. Post  
Hyderabad-75

PATENTS ACT 1990

The Australian Patent Register is the official record and should be referred to for further information.

This data, for application number 2020102614, is current as of 2021-01-28 21:00 AEST



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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103521

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):**

Manish Mahajan of (Associate professor) HOD of IT, Graphic Era (Deemed to be University) Dehradun  
Uttarakhand 248002 India

K. Ramesh Babu of (Professor), Department of Computer Science and, Engineering, Vidya Jyothi Institute of  
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Rijwan Khan of (Professor and Head), Department of Computer Science and, Engineering, ABES Institute of  
Technology, NH-9, Ghaziabad Uttar Pradesh 201008 India

Lekha Rani of (Associate Professor), Dept of Computer, Science and Engineering, Chitkara, University Institute  
of Engineering & Technology Chandigarh-Patiala National Highway (NH- 64), Village, Jansia ,Rajpura, Punjab  
140401 India

Arun Wamanrao Dhawale of (Professor), Flat no. 203, Sai Garden, Shiva Palace Society-1 Near B J S College,  
Bakori Road Wagholi, Pune, MH 412207 India

Naga Swetha Pasupuleti of (Professor & Director), Professor & Director- international, research & Collaborations  
Shri Venkateswara University Gajraula, Uttar Pradesh India

Chris Egbu of Centre for Public Service Productivity and Development Council Lagos Nigeria

Vipin Jain of (Principal/Director), Teerthanker Mahaveer Institute of, Management and Technology Teerthanker  
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S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management &, Mass Communication  
(SIMMC) Sr. No. 342, Bavdhan Pune, MH 411021 India

Nitin Balkrishna Chaphalkar of 206, Simla Housing Society Sahakar Nagar No. 2 Pune , Maharashtra 411009  
India

**Title of invention:**

OMAI- Waste Treatment Systems: AI- Based Programming for Operation and Maintenance of Waste Treatment  
Systems

**Name of inventor(s):**

Mahajan, Manish; Babu, K. Ramesh; Khan, Rijwan; Rani, Lekha; Wamanrao Dhawale, Arun; Swetha Pasupuleti,  
Naga; Egbu, Chris; Jain, Vipin; Chordiya, S. B. and Balkrishna Chaphalkar, Nitin

**Term of Patent:**

Eight years from 18 November 2020



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

Commissioner of Patents  
*A. Mahajan*  
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Himayyannagar (VIII), C. B. Puz  
Hyderabad-75

PATENTS ACT 1990

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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103519

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):**

A. Srujana of (Professor and HOD (EEE), Vidya Jyothi, Institute of Technology, Aziznagar Gate Chilukur Balaji Road, Hyderabad Telangana 500075 India

Swati Kumari of Thapar institute of Engineering and Technology, Patiala Punjab 147004 India

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B. Sudhakar Reddy of (Assistant Professor), Department of EEE, Vidya Jyothi, Institute of Technology, Aziznagar Gate Chilukur Balaji Road Hyderabad, Telangana 500075 India

B. Rajesh of (Assistant Professor), Department of EEE, Vidya Jyothi, Institute of Technology, Aziznagar Gate Chilukur Balaji Road, Hyderabad Telangana 500075 India

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S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management & Mass Communication (SIMMC) Sr. No: 342, Bavdhan Pune, MH 411021 India

Vipin Jain of (Director), Teerthanker Mahaveer Institute of, Management and Technology Teerthanker Mahaveer University Moradabad, Uttar Pradesh 244001 India

**Title of invention:**

IFAC- Driver Less Vehicle: Driver Less Intelligent Fully Autonomous Controlled Vehicle

**Name of inventor(s):**

Srujana, A.; Kumari, Swati; Ravi, C. N.; Reddy, B. Sudhakar; Rajesh, B.; kumar, M. Vijay; Vishram Revankar, Anil; Bhaskar Zope, Sanjay; Reznik, Nadia P.; Chordiya, S. B. and Jain, Vipin

**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

*A. Revankar*  
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PATENTS ACT 1990

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12

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100773

The Commissioner of Patents has granted the above patent on 7 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

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

Shreenidhi. P.L of Department of Information Technology, University of Technology and Applied Sciences(UTAS - HCT), Muscat Sultanate of Oman

Eswar Babu Banala of (Associate Professor), Dept of Information Technology, Vidya Jyothi Institute of Technology Aziz Nagar Gate, C.B Post Hyderabad 500075 India

A. Cecil Donald of (Assistant Professor), Department of Computer Science, Kristu Jayanti College (Autonomous) K. Narayanapura, Kothanur PO, Bangalore, Karnataka 560077 India

B.J. Hubert Shanthan of (Assistant Professor), Department of Computer Science, Kristu Jayanti College (Autonomous) K. Narayanapura, Kothanur PO Bangalore, Karnataka 560077 India

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Soumya K of (Assistant Professor), Department of Computer Science, Kristu Jayanti College (Autonomous) K. Narayanapura, Kothanur PO Bangalore, Karnataka 560077 India

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B. K. Sarkar of (Motivational Speaker), GEH Research, G-12 Lavelle Road Bengaluru, Karnataka 560001 India

Rupali Vidhate Sarkar of 7 Myrtle Close Jerrabomberra NSW 2609 Australia

**Title of invention:**

Protocol Verification: Ad Hoc Routing Protocol Validation and Verification Process Based on Beagle Bone-X15 Black Bit

**Name of inventor(s):**

P. L., Shreenidhi.; Banala, Eswar Babu; Donald, A. Cecil; Shanthan, B. J. Hubert; Mary T., Margaret; K., Soumya; Vincent B., Anthony; RAO, M. NAGABHUSHANA; Chordiya, S. B. and Sarkar, B. K.

**Term of Patent:**

Eight years from 8 February 2021



*A. K. ...*  
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Vidya Jyothi Institute of Technology  
Himayatnagar (Villi), C. B. Post  
Hyderabad-75.

Dated this 7<sup>th</sup> day of April 2021

Commissioner of Patents

PATENTS ACT 1990



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13

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100983

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

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

Laxmi Deswal of Department of Chemistry, Guru Jambheshwar University of Science and Technology, Hisar Haryana 125001 India

R. Karthic Kumar of (Assistant Professor), M.Tech (Design, Engineering), Sri Venkateswara college, of engineering Srperumbudur Tamil Nadu 602117 India

Narendra D. Phatangare of S.N. Arts, D.J.M. Commerce and B.N.S Science College Sangamner Maharashtra India

Shailendra Kumar Pandey of (Assistant Professor), Department of, Chemical Engineering, Harcourt Butler, Technical University Kanpur UP 208002 India

M Nagabhushana Rao of (Professor), I T Department VJIT College Hyderabad India

Pawan Kumar Bharti of (Vice Chancellor), A-905, Gaur Atulyam Society Omicron-1 Greater Noida UP 201310 India

S. B. Chordiya of (Director-SIMMC-Campus), Suryadatta Institute of Management & Mass Communication (SIMMC) Sr. No: 342, Bavdhan Pune, MH 411021 India

Beg Raj of (Director), Vill- Kandaway, Post- Kandaway Chunar, Mirzapur UP 231304 India

Pari Nidhi Singh of Vill- Jamuai, Post- Jamuhar, Chunar Mirzapur UP 231304 India

B.K. Sarkar of (International Patent Motivational, Speaker) GEH Research, G-12, Lavelle Road Bengaluru Karnataka 560001 India

**Title of invention:**

Plastics & Packing Materials: Plastics, Non-Recyclable Packing Materials Convert into a Useful Products

**Name of inventor(s):**

Deswal, Laxmi; Kumar, R. Karthic; D. Phatangare, Narendra; Pandey, Shailendra Kumar; Rao, M Nagabhushana; Bharti, Pawan Kumar; Chordiya, S. B.; Raj, Beg; Singh, Pari Nidhi and Sarkar, B.K.

**Term of Patent:**

Eight years from 22 February 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.



*A. Khanna*  
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Hyderabad-75

Dated this 21<sup>st</sup> day of April 2021

Commissioner of Patents

PATENTS ACT 1990



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

**Application Details**

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201741030250  |
| APPLICATION TYPE                 | ORDINARY APPLICATION                                  |
| DATE OF FILING                   | 26/08/2017  |
| APPLICANT NAME                   | 1 . Dr L.Madan Ananda Kumar<br>2 . Mr Albertfrancis A |
| TITLE OF INVENTION               | A WATER PURIFICATION SYSTEM                           |
| FIELD OF INVENTION               | CHEMICAL  |
| 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     | 25/09/2018  |
| PUBLICATION DATE (U/S 11A)       | 08/09/2017  |

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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

**Application Details**

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201741035554                                      |
| APPLICATION TYPE                 | ORDINARY APPLICATION                              |
| DATE OF FILING                   | 06/10/2017  |
| APPLICANT NAME                   | Dr. G. SREERAM REDDY                              |
| TITLE OF INVENTION               | METHOD FOR COMPUTING GAUSSIAN CURVATURE DEVIATION |
| FIELD OF INVENTION               | COMPUTER SCIENCE                                  |
| E-MAIL (As Per Record)           | naresh@prometheusip.com                           |
| ADDITIONAL-EMAIL (As Per Record) | naresh@prometheusip.com                           |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | 09/10/2017  |
| PUBLICATION DATE (U/S 11A)       | 13/10/2017  |

*A. Prasad*  
PRINCIPAL  
Vidya Jyothi Institute of Technology  
Huzurathogari (Vill: C. B. Puram  
Hyderabad

**Application Status**





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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 201741042689   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 28/11/2017   |
| APPLICANT NAME                   | Dr. L. MADAN ANANDA KUMAR  |
| TITLE OF INVENTION               | WINDOW ASSEMBLY FOR ABSORBING SUNLIGHT AND CONTROLLING WEATHER ADMISSION |
| FIELD OF INVENTION               | MECHANICAL ENGINEERING   |
| E-MAIL (As Per Record)           | naresh@prometheusip.com  |
| ADDITIONAL-EMAIL (As Per Record) | madan324@gmail.com   |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | 28/11/2017   |
| PUBLICATION DATE (U/S 11A)       | 08/12/2017   |

*A. Prasad*  
**PRINCIPAL**  
 Vidya Jyothi Institute of Technology  
 Hunayategar (V. III), C. B. Post

Application Status





Comptroller General of Patents, Designs and Trademarks  
 Department of Industrial Policy and Promotion  
 Ministry of Commerce and Industry

**Application Details**

|                                   |  |
|-----------------------------------|--|
| APPLICATION NUMBER                | 201741042693                                       |
| APPLICATION TYPE                  | ORDINARY APPLICATION                               |
| DATE OF FILING                    | 28/11/2017   |
| APPLICANT NAME                    | NELLY RAVINDER REDDY                               |
| TITLE OF INVENTION                | SYSTEM AND METHOD FOR A FRICTION STIR WELDING TOOL |
| FIELD OF INVENTION                | ELECTRICAL   |
| E-MAIL (As Per Record)            | naresh@prometheusip.com                            |
| ADDITIONAL E-MAIL (As Per Record) | naresh@prometheusip.com                            |
| E-MAIL (UPDATED Online)           |  |
| PRIORITY DATE                     |  |
| REQUEST FOR EXAMINATION DATE      | 28/11/2017   |
| PUBLICATION DATE (I.P.S. 11A)     | 08/12/2017   |
| REPLY TO FER DATE                 | 13/08/2020   |

*Naresh Reddy*  
 Naresh Reddy  
 Naresh Reddy  
 Naresh Reddy



Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

### Application Details

|                    |                      |
|--------------------|----------------------|
| APPLICATION NUMBER | 201841005133         |
| APPLICATION TYPE   | ORDINARY APPLICATION |
| DATE OF FILING     | 12/02/2018           |

### Application Status



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                    |                      |
|--------------------|----------------------|
| APPLICATION NUMBER | 201841005135         |
| APPLICATION TYPE   | ORDINARY APPLICATION |
| DATE OF FILING     | 12/02/2018           |

Application Status



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 Hyderabad-75



Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                    |                      |
|--------------------|----------------------|
| APPLICATION NUMBER | 201841005126         |
| APPLICATION TYPE   | ORDINARY APPLICATION |
| DATE OF FILING     | 12/02/2018           |

Application Status



*A. Prasanna*  
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 Himayyaturangar (VITI), L. B. Road  
 Hyderabad-75



Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                    |                      |
|--------------------|----------------------|
| APPLICATION NUMBER | 201841005134         |
| APPLICATION TYPE   | ORDINARY APPLICATION |
| DATE OF FILING     | 12/02/2018           |

Application Status



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

**Application Details**

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 201841011957   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 29/03/2018   |
| APPLICANT NAME                   | 1 . POTULA CHANDRA KUMAR<br>2 . Dr.L.MADAN ANANDA KUMAR                  |
| TITLE OF INVENTION               | HYDRAULIC SLIDING SAFETY SYSTEM FOR VEHICLES AND METHOD EMPLOYED THEREOF |
| FIELD OF INVENTION               | MECHANICAL ENGINEERING   |
| E-MAIL (As Per Record)           | naresh@prometheusip.com  |
| ADDITIONAL-EMAIL (As Per Record) | naresh@prometheusip.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | 29/03/2018   |
| PUBLICATION DATE (U/S 11A)       | 06/04/2018   |

*A. Pasunuri*  
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 Hunsur Nagar (V.O.), T. B. Road  
 Hyderabad-75

**Application Status**

Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 201841017523   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 09/05/2018   |
| APPLICANT NAME                   | 1 . Dr. L. MADAN ANANDA KUMAR<br>2 . B. MANOJ KUMAR                      |
| TITLE OF INVENTION               | POWER GENERATION SYSTEM FOR MOVABLE VEHICLES AND METHOD EMPLOYED THEREOF |
| FIELD OF INVENTION               | MECHANICAL ENGINEERING   |
| E-MAIL (As Per Record)           | naresh@prometheusip.com  |
| ADDITIONAL-EMAIL (As Per Record) | naresh@prometheusip.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | 09/05/2018   |
| PUBLICATION DATE (U/S 11A)       | 25/05/2018   |

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Honeymanagar - 500075

Application Status





## Design Application Details

**Application Number:**

307075

**Cbr Number:**

10834

**Cbr Date:**

25-06-2018 15:44:54

**Applicant Name:**

1. Dr. G. SREERAM REDDY

2. Dr. L. MADAN ANAND KUMAR

## Design Application Status

**Application Status:**

At Technical Examination of Amended  
Application(FER generated on  
17/07/2018)

*A. Krishna*  
MUNICIPAL  
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Miyampetnagar (Vill), C. B. Post  
Hyderabad-75



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201841043684  |
| APPLICATION TYPE                 | ORDINARY APPLICATION  |
| DATE OF FILING                   | 20/11/2018  |
| APPLICANT NAME                   | Dr. NELLY RAVINDER REDDY  |
| TITLE OF INVENTION               | DESIGN OF TOOL GEOMETRY PROFILE FOR FRICTION STIR WELDING PROCESS |
| FIELD OF INVENTION               | METALLURGY  |
| E-MAIL (As Per Record)           | naresh@prometheusip.com   |
| ADDITIONAL-EMAIL (As Per Record) | naresh@prometheusip.com   |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | 20/11/2018  |
| PUBLICATION DATE (U/S 11A)       | 30/11/2018  |
| REPLY TO FER DATE                | 22/07/2020  |

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 Hyderabad-75

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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201841048627                                  |
| APPLICATION TYPE                 | ORDINARY APPLICATION                          |
| DATE OF FILING                   | 21/12/2018                                    |
| APPLICANT NAME                   | POTULA CHANDRA KUMAR                          |
| TITLE OF INVENTION               | METHOD OF PREPARATION OF BIOFUEL FROM BIOMASS |
| FIELD OF INVENTION               | CHEMICAL                                      |
| E-MAIL (As Per Record)           | naresh@prometheusip.com                       |
| ADDITIONAL-EMAIL (As Per Record) | naresh@prometheusip.com                       |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | 21/12/2018                                    |
| PUBLICATION DATE (U/S 11A)       | 28/12/2018                                    |

*Handwritten signature*  
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Hyderabad-505-731

Application Status



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

**Application Details**

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201941002083  |
| APPLICATION TYPE                 | ORDINARY APPLICATION  |
| DATE OF FILING                   | 17/01/2019  |
| APPLICANT NAME                   | 1 . Ms. LALBAND NEELU<br>2 . Dr. D. KAVITHA<br>3 . Mr. K. SRINIVASA RAO<br>4 . Mr. DAMMU VENKATA RAVI KUMAR |
| TITLE OF INVENTION               | VITAL MONITORING DEVICE FOR KIDS  |
| FIELD OF INVENTION               | BIO-MEDICAL ENGINEERING   |
| E-MAIL (As Per Record)           | info@eevatech.com   |
| ADDITIONAL-EMAIL (As Per Record) | info@eevatech.com   |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | 27/01/2021  |
| PUBLICATION DATE (U/S 11A)       | 24/05/2019  |

*A. Prasad*  
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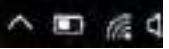


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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201941017674  |
| APPLICATION TYPE                 | ORDINARY APPLICATION  |
| DATE OF FILING                   | 03/05/2019  |
| APPLICANT NAME                   | 1 . Dr. KG.THIRUGNANASAMBANTHAM<br>2 . Dr. KARUL RAJ<br>3 . Dr. R.MURUGAN<br>4 . Dr. V.GAJENDRA<br>5 . Mr. BOTIKA PREMKUMAR |
| TITLE OF INVENTION               | A SYSTEM AND METHOD OF MECHANICAL ROTARY TO RECIPROCATING VIA METAMATERIAL MECHANISM  |
| FIELD OF INVENTION               | ELECTRONICS   |
| 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)       | 10/05/2019  |

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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201941045873  |
| APPLICATION TYPE                 | ORDINARY APPLICATION                                |
| DATE OF FILING                   | 11/11/2019  |
| APPLICANT NAME                   | 1 . Dr. S.R.M. Krishna<br>2 . Dr. S. Thulasi Prasad |
| TITLE OF INVENTION               | NETWORK SECURITY SYSTEM AND METHOD                  |
| FIELD OF INVENTION               | COMMUNICATION                                       |
| E-MAIL (As Per Record)           |   |
| ADDITIONAL-EMAIL (As Per Record) | ipec@ennobleip.com                                  |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | --  |
| PUBLICATION DATE (U/S 11A)       | 17/01/2020  |

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Application Status

**Application Details**

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 201941047511  |
| APPLICATION TYPE                 | ORDINARY APPLICATION  |
| DATE OF FILING                   | 21/11/2019  |
| APPLICANT NAME                   | 1 . Dr. VAKA MURALI MOHAN<br>2 . Dr. KANAKA DURGA RETURI  |
| TITLE OF INVENTION               | SYSTEM AND METHOD TO IMPROVE THE PERFORMANCE INDEX IN TRANSPORT PROCESS BY USING ARTIFICIAL NEURAL NETWORKS |
| FIELD OF INVENTION               | PHYSICS   |
| E-MAIL (As Per Record)           | patentagent@prometheusip.com  |
| ADDITIONAL-EMAIL (As Per Record) | ksrujanraju@gmail.com   |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     | 21/11/2019  |
| PUBLICATION DATE (U/S 11A)       | 29/11/2019  |

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**Department of Industrial Policy and Promotion**  
**Ministry of Commerce and Industry**

**Application Details**

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202041021761   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 23/05/2020   |
| APPLICANT NAME                   | 1 . SUSHAMA RANI DUTTA (ASSISTANT PROFESSOR)<br>2 . DR. S. THULASI PRASAD (PROFESSOR)<br>3 . PROF. (DR.) VIPIN JAIN (PRINCIPAL/ DIRECTOR)<br>4 . DR. RAJINDER SINGH SODHI (ASSOCIATE PROFESSOR)<br>5 . DR. VRUSHSEN PURUSHOTTAM PAWAR<br>6 . PROF.(DR.) S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS) |
| TITLE OF INVENTION               | SERIOUS PATIENTS CHECKING SYSTEM. SERIOUS PATIENTS CHECKING USING MACHINE LEARNING AND(AI)ARTIFICIAL INTELLIGENCE.   |
| FIELD OF INVENTION               | BIO-MEDICAL ENGINEERING  |
| E-MAIL (As Per Record)           | sushamadutta@gmail.com   |
| ADDITIONAL-EMAIL (As Per Record) | rajneel2807@gmail.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | --   |
| PUBLICATION DATE (U/S 11A)       | 05/06/2020   |

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Ministry of Commerce and Industry

### Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202021019670   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 09/05/2020   |
| APPLICANT NAME                   | 1 . MR. SANTOSH GOPAL NAGPURE ( ASSISTANT PROFESSOR)<br>2 . D.DAMODARAM (PROFESSOR)<br>3 . SRIDEVI. JALAKAM<br>4 . B.TECH. IN COMPUTER SCIENCE & ENGINEERING<br>5 . PROF.(DR.) S. B. CHORDIYA ( DIRECTOR-SIMMC-CAMPUS)<br>6 . DR. BIPLAB KUMAR SARKAR (FOUNDER-GEH RESEARCH LLP) |
| TITLE OF INVENTION               | ENHANCED QUALITY OF SERVICE IN MOBILE PHONE  |
| FIELD OF INVENTION               | ELECTRONICS  |
| E-MAIL (As Per Record)           | dr.bksarkar2003@yahoo.in   |
| ADDITIONAL-EMAIL (As Per Record) | sgbpune@gmail.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | --   |

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Ministry of Commerce and Industry

**Application Details**

|                                  |   |
|----------------------------------|---|
| APPLICATION NUMBER               | 202011036309  |
| APPLICATION TYPE                 | ORDINARY APPLICATION  |
| DATE OF FILING                   | 24/08/2020  |
| APPLICANT NAME                   | 1 . Mr. MOHIT TIWARI (ASSISTANT PROFESSOR)<br>2 . Ms. TRIPTI TIWARI (ASSISTANT PROFESSOR)<br>3 . PROF.(DR.) RAKESH KUMAR. ER (MANAGER EXAMINATIONS)<br>4 . DR. B. RAJA KOTI (ASSTISTANT PROFESSOR)<br>5 . Dr. M. NAGABHUSHANA RAO (PROFESSOR)<br>6 . Dr. JAMI VENKATA SUMAN (ASSISTANT PROFESSOR) |
| TITLE OF INVENTION               | HONEY POTS SECURITY SYSTEM: HONEY POTS A SECURITY SYSTEM TO DETECTING INFORMATION LEAKS AND TRACK BLACK HAT IN THE NETWORKS   |
| FIELD OF INVENTION               | COMMUNICATION   |
| E-MAIL (As Per Record)           | rakeshkumarer@gmail.com   |
| ADDITIONAL-EMAIL (As Per Record) | tripti.tiwari@bharativedyapeeth.edu   |
| E-MAIL (UPDATED Online)          |   |
| PRIORITY DATE                    |   |
| REQUEST FOR EXAMINATION DATE     |   |

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Hydrabad-508175



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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

### Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202041038460   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 07/09/2020   |
| APPLICANT NAME                   | 1 . Dr. M. SASI BHUSHAN ( ASST. PROFESSOR)<br>2 . Ms. HINA HASHMI (ASSISTANT PROFESSOR)<br>3 . Prof.(Dr.) S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS)<br>4 . Dr. M. NAGABHUSHANA RAO (PROFESSOR)<br>5 . Dr. JAMI VENKATA SUMAN (ASSISTANT PROFESSOR)<br>6 . Mr. PAWAN KUMAR SINGH |
| TITLE OF INVENTION               | IVB- E-MAIL: INTELLIGENT VOICE-BASED E-MAIL  |
| FIELD OF INVENTION               | COMPUTER SCIENCE   |
| E-MAIL (As Per Record)           | dr.bksarkar2003@yahoo.in   |
| ADDITIONAL-EMAIL (As Per Record) | venkatasuman.j@gmrit.edu.in  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | --   |

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Hyderabad-50

Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202041041351   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 24/09/2020   |
| APPLICANT NAME                   | 1. Dr. BABBURU KIRANMAI (PROFESSOR)<br>2. G.INDIRA PRIYADARSHINI (ASSOCIATE PROFESSOR)<br>3. Dr. SHILPA SRIVASTAVA<br>4. Ms. RITU AGARWAL<br>5. Prof./Dr. S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS) |
| TITLE OF INVENTION               | RD4H- HEALTH NOTIFICATION, IOT BASED HEALTH NOTIFICATION AND REAL TIME DOCTOR<br>AVAILABILITY CHECKING IN HOSPITAL USING MACHINE LEARNING  |
| FIELD OF INVENTION               | COMMUNICATION  |
| E-MAIL (As Per Record)           | kiranmai.b@iitb.ac.in  |
| ADDITIONAL-EMAIL (As Per Record) | shilpa.srivastava2015@gmail.com  |
| E-MAIL (UPDATED On-line)         |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     |  |
| PUBLICATION DATE (U/S 11A)       | 09/10/2020   |



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Himayatnagar (Vill), C. B. Post  
Hyderabad-75

Application Details

APPLICATION NUMBER: 202001042891  
APPLICATION TYPE: ORDINARY APPLICATION  
DATE OF FILING: 02/10/2020  
APPLICANT NAME:  
1. Dr. SYED UMAR (PROFESSOR)  
2. P. LAKSHMI SONY (ASSISTANT PROFESSOR)  
3. KANCHAN D. GANNIR (ASSISTANT PROFESSOR)  
4. Prof.(Dr.) S. B. CHORDYA (DIRECTOR-SIMMC-CAMPUS)  
TITLE OF INVENTION: ISUAW-WOMEN SECURITY: INTELLIGENT WOMEN SECURITY USING STREET LIGHT AND AUTO RUN UNMANNED AERIAL VEHICLE USING IOT BASED TECHNOLOGY  
FIELD OF INVENTION: ELECTRICAL  
E-MAIL (As Per Record): umar332@gmail.com  
ADDITIONAL-EMAIL (As Per Record): kanchan.gannir100@gmail.com  
E-MAIL (UPDATED Online):  
PRIORITY DATE:  
REQUEST FOR EXAMINATION DATE: ---  
PUBLICATION DATE (U/S 11A): 08/10/2020



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Mimiyatnagar (Vill), C. B. Road  
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Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202011043543   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 07/10/2020   |
| APPLICANT NAME                   | 1. HARISH KUMAR (ASSISTANT PROFESSOR)<br>2. Dr. A. PADMAJA (PROFESSOR & PRINCIPAL)<br>3. Mr. SAJAL RUDRA PAUL (ASSISTANT PROFESSOR)<br>4. Prof.(Dr.) S. B. CHORDYA (DIRECTOR-SIMMC-CAMPUS) |
| TITLE OF INVENTION               | TMSC- BIODIESEL AND BIO COMPOST. TEXTILE MILL WASTE WATER AND SOLID WASTE<br>CONVERT INTO A BIODIESEL AND BIO COMPOST  |
| FIELD OF INVENTION               | CHEMICAL   |
| E-MAIL (As Per Record)           | dr_hksarkar2003@yahoo.in   |
| ADDITIONAL-EMAIL (As Per Record) | dr_hksarkar2003@gmail.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | --   |
| PUBLICATION DATE (U/S 11A)       | 06/11/2020   |

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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 20204104434  |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 13/10/2020   |
| APPLICANT NAME                   | 1 . Dr. A. SRIJANA (PROFESSOR AND HOD (EEE))<br>2 . Dr. B. JYOTHI (ASSOCIATE PROFESSOR)<br>3 . R. BHAWANA (ASSISTANT PROFESSOR)<br>4 . Prof.(Dr.) S. B. CHORDIYA (DIRECTOR-SIMMC-CAMPUS) |
| TITLE OF INVENTION               | OSPV-DIGITAL ELECTRIC METER DESIGN, IMPLEMENTATION AND SIMULATION OF PREPAID ,<br>POST PAID DIGITAL ELECTRIC METER, THEFT MONITORING SYSTEM WITH SMS , VOICE ALERT                       |
| FIELD OF INVENTION               | COMMUNICATION  |
| E-MAIL (As Per Record)           | dr.bksarkar2003@yahoo.in   |
| ADDITIONAL-EMAIL (As Per Record) | dr.bksarkar2003@gmail.com  |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | -  |
| PUBLICATION DATE (S/11A)         | 30/10/2020   |



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Intellectual Property India  
 PATENT OFFICE  
 TRADE MARKS

GOVERNMENT OF INDIA

Controller General of Patents Designs and Trademarks  
 Department of Industrial Policy and Promotion  
 Ministry of Commerce and Industry

**Application Details**

|                                   |   |
|-----------------------------------|---|
| APPLICATION NUMBER                | 20241045388   |
| APPLICATION TYPE                  | ORDINARY APPLICATION  |
| DATE OF FILING                    | 14/10/2024  |
| APPLICANT NAME                    | 1. Dr. C. N. SAI PROFESSOR<br>2. Dr. INGETI SATESH KUMAR (ASSISTANT PROFESSOR)<br>3. Dr. BALAJA HARSH (ASSOCIATE PROFESSOR) |
| TITLE OF INVENTION                | ADV. VOLTAGE LOAD PROTECTION AUTOMATIC OVER VOLTAGE/UNDER VOLTAGE LOAD PROTECTION AND DISTRIBUTION                          |
| FIELD OF INVENTION                | ELECTRONICS   |
| E-MAIL (As Per Record)            | drinjets@kkrustat@kkrustat.ac.in  |
| ADDITIONAL E-MAIL (As Per Record) | harsh1004@gmail.com   |
| E-MAIL (UPDATED Online)           |   |
| PRIORITY DATE                     |   |
| REQUEST FOR EXAMINATION DATE      | -   |
| PUBLICATION DATE (JUS 11A)        | 30/10/2024  |

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Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

### Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202041049928   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 17/11/2020   |
| APPLICANT NAME                   | 1 . L NISHIT REDDY<br>2 . P DHEERAJ REDDY<br>3 . G SAI YUVA TEJA<br>4 . BHOGADI CHAITANYA<br>5 . Y. PRAVEEN KUMAR (ASSISTANT PROFESSOR)<br>6 . A. SWARNA (ASSISTANT PROFESSOR)<br>7 . G. SUREKHA (ASSISTANT PROFESSOR)<br>8 . MD. ZAHEER AHMED (ASSISTANT PROFESSOR) |
| TITLE OF INVENTION               | MONSTOGRAIN: MONITORING THE STORED GAINS IN WAREHOUSES BY CONTINUOUSLY MONITORING THE TEMPERATURE, CO <sub>2</sub> , HUMIDITY IN THE WAREHOUSES.   |
| FIELD OF INVENTION               | COMMUNICATION  |
| E-MAIL (As Per Record)           | imnishitreddy@gmail.com  |
| ADDITIONAL-EMAIL (As Per Record) | reddydheeraj94@gmail.com   |
| E-MAIL (UPDATED Online)          |  |
| PRIORITY DATE                    |  |
| REQUEST FOR EXAMINATION DATE     | --   |

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Hyderabad-75



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



### Application Details

|                                  |  |
|----------------------------------|--|
| APPLICATION NUMBER               | 202131007251   |
| APPLICATION TYPE                 | ORDINARY APPLICATION   |
| DATE OF FILING                   | 22/02/2021   |
| APPLICANT NAME                   | 1 . Dr. Satish Kumar Kalhotra (Sr. Associate Professor)<br>2 . Dr. Bhavna Joshi (Assistant Professor)<br>3 . Dr. M Nagabhushana Rao (Professor)<br>4 . Prof.(Dr.) S. B. Chordiya (Director-SIMMC-Campus)<br>5 . Prof. (Dr.) Beg Raj (Director)<br>6 . Prof. (Dr.) B. K. Sarkar (International Patent Motivational Speaker) |
| TITLE OF INVENTION               | HAPPY NEW MODERN EDUCATION FOR ESTABLISHING PEACE AND HARMONY IN THE GLOBE   |
| FIELD OF INVENTION               | COMPUTER SCIENCE   |
| E-MAIL (As Per Record)           | dr.bksarkar2003@yahoo.in   |
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(57) Abstract :


This invention describes an analytical investigation of a dengue disease transmission model with delay effect is studied. We find the basic reproduction number  $R_0$  for this model using Next Generation Method. All possible equilibrium points are established. The global stability of the viral free equilibrium  $E_1$  is studied by constructing a suitable Lyapunovs function and the infected equilibrium  $E_2$  is studied using Routh-Hurwitz criterion. Numerical simulations are carried out to illustrate the results.

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**Application Details**

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| APPLICANT NAME                   | 1 . Mr. Somendra Tripathi (Assistant Professor)<br>2 . Dr. Akhtar Husain (Associate Professor)<br>3 . Prof. (Dr.) Hari Om Sharan<br>4 . Devakishan Adla (Associate Professor)<br>5 . Prof.(Dr.) S. B. Chordiya (Director-SIMMC-Campus)<br>6 . Prof. (Dr.) B.K. Sarkar (International Patent Motivational Speaker) |
| TITLE OF INVENTION               | MTV-FRAMEWORK TRAFFIC CLASSIFICATION: MACHINE /DEEP LEARNING FOR<br>TRAFFIC CLASSIFICATION AND TAKING APPROPRIATE ACTIONS ON VEHICLES<br>TECHNOLOGY   |
| FIELD OF INVENTION               | COMPUTER SCIENCE  |
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| TITLE OF INVENTION                | IMAGE PROCESSING SYSTEM AND METHOD FOR OBJECT DETECTION USING MACHINE LEARNING   |
| FIELD OF INVENTION                | COMPUTER SCIENCE   |
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