



POORNIMA

COLLEGE OF ENGINEERING

Approved by AICTE
Affiliated to Rajasthan Technical University, Kota
Recognized by UGC under Section 2(f) of the UGC Act, 1956

List of Patents filled and Published (2017-18 to 2021-22)

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)
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• Website: www.pce.poornima.org



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

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3	Patent List	9-22
4	Proof of Patents	23-57



INTELLECTUAL PROPERTY RIGHTS CELL, PCE

1. INTRODUCTION OF IPR CELL

The Poornima College of Engineering's IPR Cell is established to motivate, encourage and recognize the contributions of students and faculty members towards intellectual property rights (IPR). This cell is dedicated to provide support on prior-art searches, providing opinions on patentability of a research work, drafting patent specifications as per the requirement of IP agency, assembling filing materials, submitting applications and following up, pursuing filed applications. In addition to this responding to FERs and other office actions, prosecuting filed applications, providing advisory services on various IPR, managing IP, reviewing the College's IP policy, and organizing workshops, conferences, and expert talks on IPR is also managed by this cell. As the cell accumulates expertise, it will also serve as a think tank on IPR policy concerns in India, focusing particularly on local challenges.

The main goal of an IPR Cell is to integrate IPR with the educational process to nurture the critical thinking, propagate a culture of for preserving rights, ensure prompt and accurate identification and protection of innovations resulting from research work conducted in the college, facilitate knowledge transfer from the College to industry, and broaden the scope of their commercialization. The Cell also intends to help regional innovators at the grassroots level realize the economic advantages of their discoveries.

2. AIMS & OBJECTIVES

The IPR policies of PCE is formulated to establish an environment that encourages faculty, students, supervisors, and researchers in the college to recognize and value their research, creativity, and innovation while also assisting in the orderly translation of such inventions, and technologies for the use of industry and societal benefit, which in turn transforms into services for the largest possible audience.

It will cover the IP properties and technological concepts and products produced by the individual student, team of students and faculty members etc. Any such IP from the labour of the innovators will be successfully handled throughout its life cycle period. The IPR policies are meant to act as a set of rules for the students, faculties, and staff member and the following are the key features of IPR Cell of the institute.

- To improve the culture of innovation and research as center for academic research.



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- To promote the sharing of ideas by honoring and celebrating among academics, staff, inventors, and researchers.
- To create an atmosphere in the institution, that encourages innovation by making the necessary resources accessible to increase innovative capacity.
- To defend and protect the rights of innovators, such as students, researchers, teachers, and ultimately the college, by submitting in proper format to the relevant IP authorities.
- To ensure commercialization of granted IP to raise funds for additional research and to distribute the profits from the exchange of IP to all the innovators.
- To establish a system of IP ownership, its management and proper distribution so that it is transparent and increases compliance with the existing IP laws and regulations.

3. OWNERSHIP

IP ownership is determined by a number of factors and by each specific situation. It all relies on how the innovators have conducted their research. There may be a single invention or IP to which numerous individuals made varying contributions, or they may be supported by outside organizations. Therefore, it is crucial to establish ownership and assignment rights for any creative works produced as a result of sponsored and/or collaborative activity or based on special requirements relating to Intellectual Property assets emerging from contracts controlling such activity. If the conditions of such ownership and assignment rights are not made clear prior to the creation of any creation or innovation at the college, whether it was done alone or with others, with or without a significant contribution from the college, the college will hold the intellectual property rights. However, the ownership of IP shall be determined as under:

- Any IP must belong to the PCE where its resources are primarily utilized for conduction of research activities
- If a faculty member, staff, student individual or in team create any IP during the course of their course duration (for students) or during normal working hours, such rights will be reserved by PCE only.
- If an IP is proposed and processed through some sponsored research, then ownership of such IP will be determined according to the terms & conditions of the sponsoring agency. However, it's the duty of inventors to bring this matter to IPR cell.



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- The committee must be consulted in any controversy involving IP ownership. The committee's decision on this matter shall be final and binding upon all parties.

3. ROLES & RESPONSIBILITIES

3.1 Institute Responsibilities

- To educate the faculty and students about IP through the IPR cell by Organising different events round the year.
- To offer the financial assistance and essential legal assistance for submitting an IP application or existing IP commercialization.
- The promotion and commercialization of college-owned IP, as well as legal assistance for inventors to prevent improper use of college IP.
- To equally distribute the profits from the commercialization of existing IP to innovators.
- Keeping IP record up to date for its life cycle and making sure that any conflicts between sponsors, institutes, and inventors are resolved.

3.2 Inventor Responsibilities

- The IP owner must disclose all inventions and associated documentation that belong to the college in accordance with the policy.
- Invention documents, including notebooks and digital recordings related to research efforts, must be kept by the inventor and made available to the institute and should made available as and when required.
- In accordance with the policy, the inventor must also transfer IP rights to the college and assist with technology transfer initiatives and related legal proceedings.
- All potential conflicts of interest must be immediately disclosed by the inventor to the IPR cell.

4. IPR COMMITTEE

The Policy shall be administered by a IPR Cell consisting of the following members appointed on the recommendation CG members. The composition of the IPR Cell shall be as follows:

- The Director (Chairman)
- The Vice Principal (Vice Chairman)
- Head, IPR Cell
- Two Faculty Members

- Registrar



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- Account Officer
- One outside member (Experienced in IPR commercialization)

The committee will primarily look after and recommend

- The conduction of awareness and training activities regarding creation of IPR and its importance throughout the year.
- review on the existing IP Policies and submission of an annual report to the Registrar office.
- Review on evaluate procedures of IP proposal applications to encourage the innovators.
- Resolve the disputes between the innovators and institutes.
- The appointment of The Head, IPR Cell or committee members who will look after the management and working of IPR cell activities.

Inventors should approach the IPR Cell with all the information, manuscripts, sketches, drawings, data, results, and prototype product when they believe they have generated and IP using college resources. A thorough specification, information on the IP, a list of all inventors, and other necessary information must be included in the documentation on the technology product that has been developed. Additionally, the creators should attest to the work's uniqueness and make sure that no other researcher has ever published it.

(Dr. Mahesh Bundeale)
Director PCE

Dr. Mahesh Bundeale
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR



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PCE/ADMN/DO/2021-22/0034

Dated: 12/11/2021

OFFICE ORDER

Poornima College of Engineering, Jaipur has created **Intellectual Property Rights (IPR Cell)** in the Institute, that has started functioning from 23rd September, 2021. Filling of patents and publication of journal in the name of Poornima College of Engineering has begun. The following committee has been prepared to coordinate and guide the faculty and students on all IPR related issues.

- Dr. Mahesh Bundeale-Chairman
- Mr. Pankaj Dhemla-Vice Chairman
- Dr. Mohammad Israr- Head, IPR Cell
- Dr. Raj Kumar Satankar- Member
- Dr. Payal Bansal- Member
- Mr. Devendra Somwanshi-Registrar, PCE
- Mr. Jai Sharma-Account Officer
- Dr. Pankaj Kumar- External Member

The IPR Head will coordinate, invite research contributions from all across the World, get peer reviewed and finalize the publication under the guidance and approval of the IPR committee.

Prime objective of opening IPR Cell is to promote quality research in the institute.

CC:

- To all concerned
- Registrar Office

(Dr. Mahesh Bundeale)
Director & Principal
Dr. Mahesh Bundeale
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR



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PCE/ADMN/DO/2021-22/0064

Dated: 27/12/2021

OFFICE ORDER

This is to notify to all concerned that consequent to relieving of Dr. Mohammad Israr, Professor, Department of Mechanical Engineering, and Head, IPR Cell on Sabbatical Leave, the following committee is constituted to run the IPR Cell and its activities in Poornima College of Engineering.

- Dr. Mahesh Bundeale-Chairman
- Mr. Pankaj Dhemla-Vice Chairman
- Dr. Raj Kumar Satankar - Head, IPR Cell
- Ms. Nikita Jain- Member
- Dr. Payal Bansal- Member
- Mr. Devendra Somwanshi-Registrar, PCE
- Mr. Jai Sharma-Account Officer
- Dr. Mohammad Israr- External Member

The Committee will have regular meetings for planning and execution of IPR Cell activities from time to time and report to the undersigned.

The Committee will be responsible for regular journal publication, filing patents and organizing IPR related activities in the institute.

CC:

- To All Concerned
- Registrar Office

(Dr. Mahesh Bundeale)
Director & Chairman
Dr. Mahesh Bundeale
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
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Sitapura, JAIPUR

LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
1.	Dr. Garima Mathur	Mr. Praveen Kumar Joshi, Dr.C.Divya,Dr. Garima Mathur, Dr. Aijaz Ali Khan, Dr. Greesh Kumar Singh,Quazi Mateenuddin Hameeduddin, Priyanka Sharma	2019	Compact Mimo Antenna For Radar Applications And Method Of Design Thereof	201941051377	20-Dec-19	IPR, India	Published
2.	Dr. Himani Goyal Sharma, Dr. Mohammad Israr	Dr. Himani Goyal Sharma, Udit Mamodiya,Radhey Shyam Meena, Dr. Mohammad Israr,Dr. Amit Choudhary,Dr. Ali Al Arjani, Dr.	2019	Ystem For Intelligent And Adaptive Control For Micro Hydro Plant	201911024489	7-Jul-19	IPR, India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
		Hussein Alrobeisavita Ahlawat, Dr. Paresh Kumar Dashratbhai Patel, Dr. Sudeshna Chakraborty, Dr. Ratnesh Litoriya, Dr. Anshul Gangele, Dr. Prateek Pandey						
3.	Dr. Himani Goyal Sharma, Dr. Mohammad Israr	Naresh Bangari, Vinod Kumar Singh, V K Sharma, Ratnesh Tiwari, Vikas Dubey, Himani Goyal Sharma	2019	Wearable Hybrid Energy Harvesting System	201941033657	8-Aug-19	IPR, India	Published
4.	Manish Sharma	Dr. Mohammed Gouse Galety, Dr. Piyush Kumar Soni, Dr. Bhoomi Gupta,	2020	Methods Of Obstacles & Detection Of Control Of	202011099938	20-Mar-20	IPR, India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
		Dr. Rashmi Soni, Mr. Udit Mamodiya, Mr. Manish Sharma		Robotic Wheel Chair				
5.	Dr. Shilpi Jain	Prashant Kumar; Dr. Neelam Choudhary; Dr. Praveen Kumar Agrawal; Kanagaraj Venusamy; Dr. Pradeep Kumar Sharma; Dr. Priyesh P. Gandhi; Dr. Nand Kishore Gupta; Dr. Shilpi Jain; Dr. Vivek Kumar; Dr. Rani Fathima Kamal Basha; Mr. Sulochanan	2020	A Novel Intellegent Software Based Cardiovascular Monitoring System	202011035976	18-Sep-2020	Government Of India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
6.	Dr. Mohammad Israr	Karthich Ramanathdr. K. Martin Sagayam, Puja Das, Prof. (Dr.) N; Dr. Shashank Tiwa I; Mohammad Israr, Dr. Vinita Mathur, Asik Rahaman Jamader, Dr. Osamah Ibrahim Khalaf, Dr. Theyazn H. H. Aldhyani, Dr. Mosleh Hmoud Al-Adhaileh, Dr. Ghaida Muttashar Abdulsahib, Digvijay Pandey And Binay Kumar Pandey.	2020	Multilayer Reusable Activated Carbon Face Mask For Preventing Viral Infection	202011045474	30-Oct-20	IPR, India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
7.	Dr. Mohammad Israr, D	Radhey Shyam Meena, Dr. Mohammad Israr, Dr. Payal Bansal, Dr. Vinita Mathur, Dr. Parul Tyagi. Dr. Neha Singh, Dr Hitesh Panchal, Dr Neeraj Kumar Garg, DilIP Nigam	2020	Design of a Hybrid Floating Solar System	2020103119	16-Dec-20	IP, Australia	Granted
8.	Dr. Mohammad Israr,	Dr. Mohammad Zubair Khan, Dr. Ravi Shankar Shukla, Aijaz Ahmad Reshi, Mohd. Helmy Abd Wahab, Dr. Radzi Ambar, Dr. Mohammad Srar, Puja Das, Dr. L. Rajesh, Dr. K. Martin Sagayam, Asik Rahaman	2021	Portable Mask With Mini Ventilation Process	2020103839	27-Jan-21	IP, Australia	Granted


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
9.	Dr. Mohammad Israr	Dr. Mohammad Israr, Hadi Erfani, Dr Md Shibli Rahmani, Dr. Muhammad Arif, Dr. Mahfuzul Huda, Aijaz Ahmad Reshi	2021	Filament Glue For 3d Printer Industry (Fdm)	2020103909	27-Jan-21	IP, Australia	Granted
10.	Dr. Mohammad Israr	Dr. Ravi Kumar Goyal, Prof. M. Afshar Alam, Dr	2021	Smart And Portable Long Distance Security System Without Using Laser Light	2020104346	3-Mar-21	IP, Australia	Granted
11.	Dr. Mohammad Israr	Dr. Sameena Naaz, Dr. Mohd Abdul Ahad, Dr. Md Tabrez Nafis, Dr. Samar Wazir, Dr Md Shibli Rahmani, Dr. Gun Sagar Yadav, Dr.Mohammad Israr,	2021	Small Portable & Low-Cost Electric Appliance Control System Without Arduino Uno	2021100022	3-Mar-21	IP, Australia	Granted


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
		Asik Rahaman Jamader, Dr. Ravi Kumar Goyal And Puja Das						
12.	Dr. Mohammad Israr	Dr Md Shibli Rahmani, Dr. Gun Sagar Yadav, Dr. Mohammad Israr, Asik Rahaman Jamader, Dr. Ravi Kumar Goyal And Puja Das	2021	Low-Cost Portable Short Circuit Prevention Apparatus	2021100023	10-Mar-21	IP, Australia	Granted
13.	Dr. Shalini Puri	Makkar, Sandhya; Pallathadka, Harikumar; Puri, Shalini; Ranjan Routray, Ashanta	2021	Fingerprint Sensor Ignition System For Bikes Methods And Thereof	2021102366	24-Jun-21	IP, Australia	Granted


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
14.	Dr. Mohammad Israr,	Dr. Mohammad Israr, Asik Rahaman Jamader, Ladu Ram Kumawat, Dr. Neeraj Kumar Garg, Dr. Md Tabrez Nafis, Dr. Vikas Kulshreshtha, Dr. Jai Kumar Maherchandani, Puja Das, Dr. Hitesh Panchal, Radhey Shyam Meena	2021	Power Back Up Enable Low Cost & Small Size Portable Ac With Coolant Liquid Technology	2020103645	20-Jan-21	IP, Australia	Granted
15.	Dr. Garima Mathur	Dr. Manish Gupta, Dr. Chinmaya Ranjan Pattanaik, Pallavi Mane, Ms. LIPsa Das, Garima Mathur, Mrs. Priyanka Sharma,	2021	System For Vehicle Tracking & Counting Based On Internet Of Things (Iot) And Image Processing	202111021508	21-May-21	IPR, India	Published


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
		Dr. Smita Nirkhi, Poonam Narang, Ms. Megha Gupta, Dr. Deepika Yadav, Jalaj Pateria, Dr. Suchith Chellappan						
16.	Dr. Raj Kumar Satankar	Dr. Raj Kumar Satankar, Dr. Amrita Nighojkar, Sandeep Gupta, Dr. Anand K. Plappally	2021	Manufacturing And Sintering Of G-Filter: A Low Cost, Indigenous Clay Ceramic Water Filter	202111005827	19-Feb-21	IPR, India	Published
17.	Dr. Mohammad Israr	Dr. Mohammad Israr, Dr Ravi Kumar Goyal, Vishal Varma, Reshu Gupta, Dr. Md Shibli Rahmani, Dr. Gun Sagar Yadav, Dr.	2022	Innovative Central Processing Cooling System	2021101491	17-Mar-22	IP, Australia	Granted


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		Hitesh Panchal, Radhey Shyam Meena						
18.	Dr. Akshay Jain	Yogesh Shrivastava, Bhagat Singh, Akshay Jain	2022	Method And Systme For Determining Heat Affected Zone During The Laser Beam Drilling Of Hybrid Composite	2021102727	13-Apr-22	IP, Australia	Granted
19.	Pravin Sonwane	Pratik Ghutake, Rahul Agrawal, Pravin Sonwane	2021	A Solar Power Enabled Automated Irrigation System And Method	2021107049	24-Nov-21	IP, Australia	Granted
20.	Devendra Somwanshi, Dr. Payal	Devendra Somwanshi, Dr.	2021	Advanced Accident Rescue	202111058880	31-Dec-21	IPR, India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
	Bansal, Dr. Mahesh Bundeale	Payal Bansal, Dr. Mahesh Bundeale		Identifier Using Android				
21.	Dr. Payal Bansal	Agraj Sharma, Amisha Goswami, Ishika Jain, Jayesh Bhargava, Dr. Payal Bansal	2021	Cradle System Prevention Apparatus	202111058881	31-Dec-21	IPR, India	Published
22.	Sanjay Kumawat, Prof.	Puneet Suthar, Waqar Qureshi, Sanjay Kumawat, Prof. (Dr.) Mohammad Israr	2021	Low-Cost Diy Ceiling Fan Cooling Enhancer Accessory	202111058882	31-Dec-21	IPR, India	Published
23.	Sanjay Kumawat, Dr. N	Yash Kumawat, Sanjay Kumawat, Dr. Narayan Lal Jain, Prof. (Dr.) Mohammad Israr	2021	Design Of Smart Dustbin	202111058879	31-Dec-21	IPR, India	Published


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
24.	Pankaj Dhemla, Dr Pran	Pankaj Dhemla, Prakash Somani, Dr B. L. Swami, Dr Pran Nath Dadhich, Dr Mansha Swami	2021	Experimental Investigation Of Sintered Lightweight Concrete Partially Replacement Of River Sand With Marble Sand	202111060486	31-Dec-21	IPR, India	Published
25.	Dr Garima Mathur	Ruchika Sharma, Shefali, Ritika Saini, Pushkar Raj Pandey, Ram Kinkar Das TriPathi, Dr Garima Mathur	2021	Lifeline Volunteers-Smart Accident Detection & Quick Ambulance Services	202111050225	3-Dec-21	IPR, India	Published
26.	Dr Garima Mathur, Mani	Saksham Soni, Swapnil Raj Soni, Roj Kanwar, Dr Garima Mathur, Manish Sharma	2021	Real Time Monitoring System For School/ College Buses Using	202111050424	3-Dec-21	IPR, India	Published


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S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
				Available Wi-Fi Networks And Travel Prediction				
27.	Dr. Amit Kumar Mandal,	Lakshit Singh Sankhla, Dr. Amit Kumar Mandal, Dr. Narayan Lal Jain, Prof. (Dr.) Mohammad Israr	2021	Performance Improvement Of Zeer Pot (Pot In Pot Refrigerator) By Insertion Of Metallic Particles In Sand	202111050632	3-Dec-21	IPR, India	Published
28.	Dr. Amit Kumar Mandal,	Shiv Kumar Lodwal, Dr. Amit Kumar Mandal, Dr. Narayan Lal Jain, Prof. (Dr.) Mohammad Israr	2021	Performance Improvement Of Savonius Turbine By Application Floating Pontoon Hydrostatic Bearing (Fphb)	202111050640	3-Dec-21	IPR, India	Published


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LIST OF PATENTS								
S. No.	Faculty Name	Applicant Name (S)	Year	Patent Title	Application Number	Date Of Grant/Publication	Patenting Agency	Status
29.	Prof. (Dr.) Mohammad I	Prof. (Dr.) Mohammad Israr, Dr. Narayan Lal Ja	2021	Novel Method For Home Automation	202111050137	12-Nov-21	IPR, India	Published


Dr. Mahesh Bunde
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Office of the Controller General of Patents, Designs & Trade Marks
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	201941051377
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/12/2019
APPLICANT NAME	1 . Mr. Praveen Kumar Joshi 2 . Dr.C.Divya 3 . Dr. Garima Mathur 4 . Dr. Aijaz Ali Khan 5 . Dr. Greesh Kumar Singh 6 . Quazi Mateenuddin Hameeduddin 7 . Priyanka Sharma
TITLE OF INVENTION	COMPACT MIMO ANTENNA FOR RADAR APPLICATIONS AND METHOD OF DESIGN THEREOF
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	aijazalikhan@gmail.com
ADDITIONAL-EMAIL (As Per Record)	aijazalikhan@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/12/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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



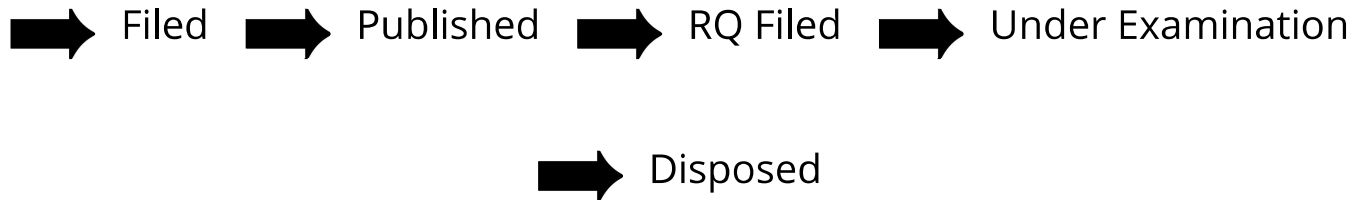
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	201911024489
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/06/2019
APPLICANT NAME	1 . Dr. Himani Goyal Sharma 2 . Udit Mamodiya 3 . Radhey Shyam Meena 4 . Dr. Mohammad Israr 5 . Dr. Amit Choudhary, 6 . Dr. Ali Al Arjani 7 . Dr. Hussein Alrobei 8 . Savita Ahlawat 9 . Dr. Paresh Kumar Dashratbhai Patel 10 . Dr. Sudeshna Chakraborty 11 . Dr. Ratnesh Litoriya 12 . Dr. Prateek Pandey 13 . Dr. Anshul Gangele
TITLE OF INVENTION	SYSTEM FOR INTELLIGENT AND ADAPTIVE CONTROL FOR MICRO HYDRO PLANT
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	balram.bme@gmail.com
ADDITIONAL-EMAIL (As Per Record)	balram.bme@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/07/2019

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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



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

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



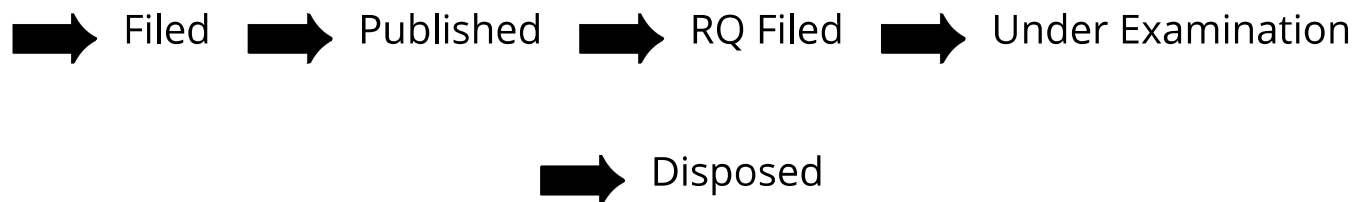
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	201941033657
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2019
APPLICANT NAME	1 . Naresh Bangari 2 . Vinod Kumar Singh 3 . V K Sharma 4 . Ratnesh Tiwari 5 . Vikas Dubey 6 . Himani Goyal Sharma
TITLE OF INVENTION	WEARABLE HYBRID ENERGY HARVESTING SYSTEM
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	balram.bme@gmail.com
ADDITIONAL-EMAIL (As Per Record)	balram.bme@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/08/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
--------------------	-----------------------------------------

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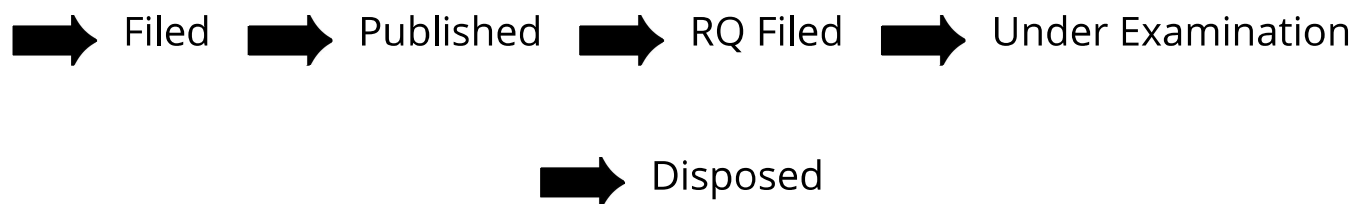
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202011009938
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/03/2020
APPLICANT NAME	1 . Dr. Mohammed Gouse Galety 2 . Dr. Piyush Kumar Soni 3 . Dr. Bhoomi Gupta 4 . Dr. Rashmi Soni 5 . Mr. Udit Mamodiya 6 . Mr. Manish Sharma
TITLE OF INVENTION	METHOD OF OBSTACLES DETECTION AND CONTROL OF ROBOTIC WHEELCHAIR
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	udit.mamodiya@poornima.org
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/03/2020

Application Status

APPLICATION STATUS	Awaiting Request for Examination
--------------------	-----------------------------------------

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Application Details	
APPLICATION NUMBER	202011035976
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/08/2020
APPLICANT NAME	1 . Prashant Kumar 2 . Dr. Neelam Choudhary 3 . Dr. Praveen Kumar Agrawal 4 . Kanagaraj Venusamy 5 . Dr. Pradeep Kumar Sharma 6 . Dr. Priyesh P. Gandhi 7 . Dr. Nand Kishore Gupta 8 . Dr. Shilpi Jain 9 . Dr. Vivek Kumar 10 . Dr. Rani Fathima Kamal Basha 11 . Mr. Sulochanan Karthich Ramanathan 12 . Dr. Shashank Tiwari 13 . Dr. Pushpendra Singh 14 . Dr P Karthiigeyan
TITLE OF INVENTION	A NOVEL INTELLIGENT SOFTWARE BASED CARDIOVASCULAR MONITORING SYSTEM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	iprkarthi@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/09/2020



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Department of Industrial Policy & Promotion,
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Government of India

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

Application Details

APPLICATION NUMBER	202011045474
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/10/2020
APPLICANT NAME	1 . Dr. K. Martin Sagayam 2 . Puja Das 3 . Prof. (Dr.) Mohammad Israr 4 . Dr. Vinita Mathur 5 . Asik Rahaman Jamader 6 . Dr. Osamah Ibrahim Khalaf 7 . Dr. Theyazn H. H. Aldhyani 8 . Dr. Mosleh Hmoud Al-Adhaileh 9 . Dr. Ghaida Muttashar Abdulsahib 10 . Digvijay Pandey 11 . Binay Kumar Pandey
TITLE OF INVENTION	MULTILAYER REUSABLE ACTIVATED CARBON FACE MASK FOR PREVENTING VIRAL INFECTION
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentminder@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentminder@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/10/2020



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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103119

The Commissioner of Patents has granted the above patent on 16 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Radhey Shyam Meena of National Solar Mission, Ministry of New & Renewable Energy New Delhi India

Mohammad Israr of Department of Mechanical Engineering, Poornima College of Engineering Jaipur, Rajasthan India

Payal Bansal of Department of Electronics and Comm., Poornima College of Engineering Jaipur, Rajasthan India

Vinita Mathur of Department of Electronics and Comm., Jaipur Engineering College and Research Centre Jaipur, Rajasthan India

Parul Tyagi of Department of Electronics and Comm., Jaipur Engineering College and Research Centre Jaipur, Rajasthan India

Neha Singh of Department of Electronics and Comm., Jaipur Engineering College and Research Centre Jaipur, Rajasthan India

Hitesh Panchal of Department of Mechanical Engineering, Government Engineering College Patan, Gujarat India

Neeraj Kumar Garg of Department of Electrical Engineering, Government Engineering College Jhalawar Rajasthan India

Dilip Nigam of National Solar Mission, Ministry of New & Renewable Energy New Delhi India

Title of invention:

DESIGN OF A HYBRID FLOATING SOLAR SYSTEM

Name of inventor(s):


Meena, Radhey Shyam; Israr, Mohammad; Bansal, Payal; Mathur, Vinita; Tyagi, Parul; Singh, Neha; Panchal, Hitesh; Garg, Neeraj Kumar and Nigam, Dilip

Term of Patent:

Eight years from 29 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.




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Dated this 16th day of December 2020

Commissioner of Patents

PATENTS ACT 1990

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IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103839

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):

Mohammad Zubair Khan of Associate Professor, Department of Computer Science, College of Computer Science & Eng. Taibah University Al Madinah Al Munawarah Saudi Arabia

Ravi Shankar Shukla of Assistant Professor, Department of Computer Science, College of Computing & Informatics Saudi Electronic University Saudi Arabia

Aijaz Ahmad Reshi of Assistant Professor, Department of Computer Science, College of Computer Science & Eng. Taibah University Al Madinah Al Munawarah, Saudi Arabia

Mohd. Helmy Abd Wahab of Department of Electronic Engineering, Faculty of Electrical and Electronic Eng Universiti Tun Hussein Onn Malaysia

Radzi Ambar of Department of Electronic Engineering, Faculty of Electrical and Electronic Eng Universiti Tun Hussein Onn, Malaysia

Mohammad Israr of Professor, Department of Mechanical Engineering, Poornima College of Engineering Jaipur Rajasthan India

Puja Das of Department of Computer Science, Hiralal Mazumder Memorial College for Women Kolkata India

L. Rajesh of Department of Electronics Engineering, MIT campus, Anna University Chennai India

K. Martin Sagayam of 16/o-8, Hiruthayapuram, 1st Street, Palakarai, Tiruchirappalli Tamilnadu India

Asik Rahaman Jamader of School of Tourism and Hospitality, Service Sectoral Management (SOTHSSM), The Indira Gandhi National Open University (IGNOU) Kolkata India

Title of invention:

PORTABLE MASK WITH MINI VENTILATION PROCESS

Name of inventor(s):

Khan, Mohammad Zubair; Shukla, Ravi Shankar; Reshi, Aijaz Ahmad; Wahab, Mohd. Helmy Abd; Ambar, Radzi; Israr, Mohammad; Das, Puja; Rajesh, L.; Sagayam, K. Martin and Jamader, Asik Rahaman

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.



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Dated this 27th day of January 2021

Commissioner of Patents

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103909

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):

Mohammad Israr of Professor, Department of Mechanical Engineering, Poornima College of Engineering Jaipur Rajasthan India

Hadi Erfani of Department of Chemical Engineering, Central Tehran Branch, Islamic Azad University Tehran Iran, Islamic Republic of

Md Shibli Rahmani of Associate Professor, Department of Physics, Ram Bahadur Singh College L N Mithila University Bihar India

Muhammad Arif of School of Computer Science Guangzhou University China

Mahfuzul Huda of Assistant Professor, Department of Computer Science, College of Computing and Informatics Saudi Electronic University Riyadh Saudi Arabia

Aijaz Ahmad Reshi of Assistant Professor, Department of Computer Science, College of Computer Science & Engg. Taibah University Al Madinah Al Munawarah, Saudi Arabia

Title of invention:

FILAMENT GLUE FOR 3D PRINTER INDUSTRY (FDM)

Name of inventor(s):


Israr, Mohammad; Erfani, Hadi; Rahmani, Md Shibli; Arif, Muhammad; Huda, Mahfuzul and Reshi, Aijaz Ahmad

Term of Patent:

Eight years from 5 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.




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Dated this 27th day of January 2021

Commissioner of Patents

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020104346

The Commissioner of Patents has granted the above patent on 3 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Ravi Kumar Goyal of Principal, School of Entrepreneurship Skills, Bhartiya Skill Development University Jaipur, Rajasthan, India

M. Afshar Alam of Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi, India

Dinesh Yadav of Assistant Professor (Senior Scale), Department of ECE Manipal University Jaipur, Rajasthan India

Farheen Siddiqui of Associate Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi, India

Lokesh Sharma of Associate Professor, Department of IT Manipal University Jaipur, Rajasthan India

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Puja Das of Department of Computer Science, Hiralal Mazumder Memorial College for Women Kolkata India

Md Tabrez Nafis of Assistant Professor, Department of CSE Jamia Hamdard (Deemed University), New Delhi India

Title of invention:

SMART AND PORTABLE LONG DISTANCE SECURITY SYSTEM WITHOUT USING LASER LIGHT

Name of inventor(s):

Goyal, Ravi Kumar; Alam, M. Afshar; Yadav, Dinesh; Siddiqui, Farheen; Nafis, Md Tabrez; Das, Puja; Jamader, Asik Rahaman; Israr, Mohammad and Sharma, Lokesh

Term of Patent:

Eight years from 25 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.



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Dated this 3rd day of March 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100022

The Commissioner of Patents has granted the above patent on 3 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Sameena Naaz of Associate Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi India

Mohd Abdul Ahad of Assistant Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi, India

Md Tabrez Nafis of Assistant Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi, India

Samar Wazir of Assistant Professor, Department of CSE, Jamia Hamdard (Deemed University) New Delhi, India

Md Shibli Rahmani of Associate Professor, Department of Physics, Ram Bahadur Singh College L N Mithila University, Bihar, India

Gun Sagar Yadav of Associate Professor, Department of Physics, Ram Jaipal College J. P. University, Chapra, Bihar, India

Mohammad Israr of Professor, Department of Mechanical Engineering, Poornima College of Engineering Jaipur, Rajasthan, India

Asik Rahaman Jamader of School of Tourism and Hospitality, Service Sectoral Management (SOTHSSM), Indira Gandhi National Open University Kolkata, India

Ravi Kumar Goyal of Professor, Institute of Mechanical Engineering, JJTU Jhunjhunu, Rajasthan, India

Puja Das of Department of Computer Science, Hiralal Mazumder Memorial College for, Women Kolkata, India

Title of invention:

Small Portable & Low Cost Electric Appliance Control System without Arduino Uno

Name of inventor(s):

Naaz, Sameena; Ahad, Mohd Abdul; Nafis, Md Tabrez; Wazir, Samar; Rahmani, Md Shibli; Yadav, Gun Sagar; Israr, Mohammad; Jamader, Asik Rahaman; Goyal, Ravi Kumar and Das, Puja

Term of Patent:

Eight years from 4 January 2021

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




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Dated this 3rd day of March 2021

Commissioner of Patents

PATENTS ACT 1990

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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100023

The Commissioner of Patents has granted the above patent on 10 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Md Shibli Rahmani of Associate Professor, Department of Physics, Ram Bahadur Singh College L N Mithila University, Bihar, India

Gun Sagar Yadav of Associate Professor, Department of Physics, Ram Jaipal College J. P. University, Chapra Bihar, India

Mohammad Israr of Professor, Department of Mechanical Engineering, Poornima College of Engineering Jaipur, Rajasthan, India

Asik Rahaman Jamader of School of Tourism and Hospitality, Service Sectoral Management (SOTHSSM), Indira Gandhi National Open University Kolkata, India

Ravi Kumar Goyal of Professor, Institute of Mechanical Engineering, JJTU Jhunjhunu, Rajasthan, India

Puja Das of Department of Computer Science, Hiralal Mazumder Memorial College for, Women Kolkata, India

Title of invention:

LOW COST PORTABLE SHORT CIRCUIT PREVENTION APPARATUS

Name of inventor(s):


Rahmani, Md Shibli; Yadav, Gun Sagar; Israr, Mohammad; Jamader, Asik Rahaman; Goyal, Ravi Kumar and Das, Puja

Term of Patent:

Eight years from 4 January 2021

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




Dr. Mahesh Bunde
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Dated this 10th day of March 2021

Commissioner of Patents

PATENTS ACT 1990

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



Application Details

2021102366
: FINGERPRINT SENSOR IGNITION SYSTEM FOR BIKES METHODS AND THEREOF

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021102366	Patent application type	Innovation					
Application status	GRANTED	Paid to date	2023-05-05	First IPC Mark	G07C 9/37 (2021.01)			
Currently under opposition	No	Proceeding type(s)						
Invention title	FINGERPRINT SENSOR IGNITION SYSTEM FOR BIKES METHODS AND THEREOF							
Inventor(s)	PURI, SHALINI ; PALLATHADKA, HARIKUMAR ; RANJAN ROUTRAY, ASHANTA ; MAKKAR, SANDHYA							
Agent name	Sharma, Ashish MR	Address for legal service	93 Ocean Street SYDNEY Bondi NSW 2026 Australia					
Filing date	2021-05-05	Australian OPI date	2021-06-24	OPI published in journal				
Effective date of patent	2021-05-05	Expiry date	2029-05-05					
Additional/Divisional application number	Additional/Divisional relationship							

Applicant details

Applicant	PALLATHADKA, HARIKUMAR	Applicant address	MANIPUR India
Applicant	MAKKAR, SANDHYA	Applicant address	India
Applicant	RANJAN ROUTRAY, ASHANTA	Applicant address	ODISHA India
Applicant	PURI, SHALINI	Applicant address	Rajasthan India
Old name(s)			

IPC details

Int Cl.	Version	First Mark
G07C	9/37 (2021.01)	Y
B60R	25/04 (2021.01)	N
B60R	25/25 (2021.01)	N
G07C	9/00 (2021.01)	N

Priority details

Earliest priority date	2021-05-05		
Type	Number	Filing date	Priority date

Associated provisional(s)

SPECIFICATION/E-REGISTER

History of Published Specifications:	Download Specification(AU-A4)	Explanation of Specification Codes
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Document Date	Document Title	Document Type	Document Status	File Size (KB)
2021-06-09	Innovation Patent Certificate 09-06-2021	CORRO OUT	FILED	1813
2021-06-09	Innovation Patent Notice of Grant 09-06-2021	CORRO OUT	FILED	268
2021-06-02	Claim Acc-OPI 2021102366	CLAIM	ACCEPTED	25
2021-06-02	Combined Abstract Acc-OPI 2021102366	ABSTRACT	ACCEPTED	116
2021-06-02	Description Acc-OPI 2021102366	DESCRIPTION	ACCEPTED	1154
2021-06-02	Drawing Acc-OPI 2021102366	DRAWING	ACCEPTED	579
2021-05-13	Claim 05-05-2021 SPBI-0002549814	CLAIM	FILED	25
2021-05-13	Innovation Patent Application Filing Receipt 13-05-2021	CORRO OUT	FILED	294
2021-05-05	Abstract 05-05-2021 SPBI-0002549814	ABSTRACT	FILED	30
2021-05-05	Cover Sheet App Inov 05-05-2021 SPBI-0002549814	OTHER	FILED	6
2021-05-05	Description 05-05-2021 SPBI-0002549814	DESCRIPTION	FILED	1154
2021-05-05	Drawing 05-05-2021 SPBI-0002549814	DRAWING	FILED	579
2021-05-05	Note Entlmnt 05-05-2021 SPBI-0002549814	NOTE ENTLMNT	FILED	4
2021-05-05	Patent Request 05-05-2021 SPBI-0002549814	PATENT REQUEST	FILED	5
2021-05-05	SPEI-0004823312 - Main Document	CORRO IN	FILED	40

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

- Change of ownership
- Licence details
- Mortgage details

OPPOSITIONS, DISPUTES & AMENDMENTS

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This data is current as of 2022-04-18 18:00 AEST.



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CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103645

The Commissioner of Patents has granted the above patent on 20 January 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Mohammad Israr of Professor, Department of Mechanical Engineering, Poornima College of Engineering Jaipur RAJASTHAN India

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Ladu Ram Kumawat of Department of Mechanical, (RAC) Engineering, Government R. C. Khaitan Polytechnic College, JAIPUR RAJASTHAN India

Neeraj Kumar Garg of Assistant Professor, Department of Electrical Engineering, Government Engineering College Jhalawar RAJASTHAN India

M.D. Tabrez Nafis of Assistant Professor, Deptt. of Computer Science & Engineering, Jamia Hamdard New Delhi India

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Hitesh Panchal of Assistant Professor, Department of Mechanical Engineering, Government Engineering College Patan Gujarat India

Radhey Shyam Meena of Technical Expert, National Solar Mission, Ministry of New, & Renewable Energy New Delhi India

Title of invention:

Power Back Up Enable Low Cost & Small Size Portable AC with Coolant Liquid Technology


Name of inventor(s):

Israr, Mohammad; Jamader, Asik Rahaman; Ram Kumawat, Ladu; Kumar Garg, Neeraj; Nafis, Md Tabrez; Kulshreshtha, Vikas; Maherchandani, Jai Kumar; Das, Puja; Panchal, Hitesh and Meena, Radhey Shyam

Term of Patent:

Eight years from 24 November 2020




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Dated this 20th day of January 2021

Commissioner of Patents

PATENTS ACT 1990

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



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Application Details

APPLICATION NUMBER	202111021508
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/05/2021
APPLICANT NAME	1 . Dr. Manish Gupta 2 . Dr. Chinmaya Ranjan Pattanaik 3 . Dr. Pallavi Mane 4 . Ms. Lipsa Das 5 . Dr. Garima Mathur 6 . Mrs. Priyanka Sharma 7 . Dr. Smita Nirkhi 8 . Poonam Narang 9 . Ms. Megha Gupta 10 . Dr. Deepika Yadav 11 . Jalaj Pateria 12 . Dr. Suchith Chellappan
TITLE OF INVENTION	SYSTEM FOR VEHICLE TRACKING & COUNTING BASED ON INTERNET OF THINGS (IOT) AND IMAGE PROCESSING
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	vipri24@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vipri24@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/05/2021

Application Status



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

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Application Details

APPLICATION NUMBER	202111005827
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/02/2021
APPLICANT NAME	1 . Dr. Raj Kumar Satankar 2 . Dr. Amrita Nighojkar 3 . Sandeep Gupta 4 . Dr. Anand K. Plappally
TITLE OF INVENTION	MANUFACTURING AND SINTERING OF G-FILTER: A LOW COST, INDIGENOUS CLAY CERAMIC WATER FILTER
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ashish.iprindia@hotmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/02/2021
PUBLICATION DATE (U/S 11A)	19/02/2021

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
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Application Details

2021101491**: INNOVATIVE CENTRAL PROCESSING COOLING SYSTEM**

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021101491	Patent application type	Innovation		
Application status	GRANTED	Paid to date	2023-03-23	First IPC Mark	H01L 23/38 (2021.01)
Currently under opposition	No	Proceeding type(s)			
Invention title	INNOVATIVE CENTRAL PROCESSING COOLING SYSTEM				
Inventor(s)	Israr, Mohammad ; Goyal, Ravi Kumar ; Varma, Vishal ; Gupta, Reshu ; Rahmani, Md Shibli ; Yadav, Gun Sagar ; Panchal, Hitesh ; Meena, Radhey Shyam				
Agent name	Mahesh, Uma MR	Address for legal service	1051 New Zealand	show full address	
Filing date	2021-03-23	Australian OPI date	2022-03-17	OPI published in journal	
Effective date of patent	2021-03-23	Expiry date	2029-03-23		
Additional/Divisional application number		Additional/Divisional relationship			

Applicant details

IPC details

Priority details

Associated provisional(s)

SPECIFICATION/E-REGISTER

History of Published Specifications:

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Explanation of
Specification Codes

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Document Date	Document Title	Document Type	Document Status	File Size (KB)
2022-04-13	General Correspondence 13-04-2022	CORRO OUT	FILED	2117
2022-03-02	Innovation Patent Certificate 02-03-2022	CORRO OUT	FILED	1822
2022-03-02	Innovation Patent Notice of Grant 02-03-2022	CORRO OUT	FILED	269
2022-02-25	Application Complies with Formalities 25-02-2022	CORRO OUT	FILED	132
2022-02-25	Claim Acc-OPI 2021101491	CLAIM	ACCEPTED	57

Document Date	Document Title	Document Type	Document Status	File Size (KB)
2022-02-25	Combined Abstract Acc-OPI 2021101491	ABSTRACT	ACCEPTED	422
2022-02-25	Description Acc-OPI 2021101491	DESCRIPTION	ACCEPTED	390
2022-02-25	Drawing Acc-OPI 2021101491	DRAWING	ACCEPTED	877
2021-12-22	Change Agent - Allow 22-12-2021	CORRO OUT	FILED	185
2021-12-22	Change Agent - Notify New Agent 22-12-2021	CORRO OUT	FILED	196
2021-12-22	Cover Sheet Req Change Agent 29-06-2021 AMCZ-2110256134	OTHER	FILED	4
2021-08-12	Complies Formalities Response 12-08-2021 AMCZ-2110355640	CORRO IN	FILED	54
2021-08-12	Cover Sheet Formalities Response 12-08-2021 AMCZ-2110355640	OTHER	FILED	5
2021-08-12	Formalities Response 12-08-2021 AMCZ-2110355640	OTHER	FILED	67
2021-06-03	General Correspondence re AFLS 03-06-2021	CORRO OUT	FILED	155
2021-05-12	Cover Sheet Formalities Response 12-05-2021 SPBI-0002555646	OTHER	FILED	5
2021-05-12	Formalities Response 12-05-2021 SPBI-0002555646	OTHER	FILED	649
2021-05-12	Formalities Response 12-05-2021 SPBI-0002555646	OTHER	FILED	586
2021-05-12	SPEF-0004834184 - Main Document	CORRO IN	FILED	33
2021-05-04	Manual Formalities Report 04-05-2021	CORRO OUT	FILED	163
2021-04-01	Innovation Patent Application Filing Receipt 01-04-2021	CORRO OUT	FILED	306
2021-03-23	Abstract 23-03-2021 SPBI-0002514253	ABSTRACT	FILED	21
2021-03-23	Claim 23-03-2021 SPBI-0002514253	CLAIM	FILED	57
2021-03-23	Cover Sheet App Inov 23-03-2021 SPBI-0002514253	OTHER	FILED	6
2021-03-23	Description 23-03-2021 SPBI-0002514253	DESCRIPTION	FILED	390
2021-03-23	Drawing 23-03-2021 SPBI-0002514253	DRAWING	FILED	877
2021-03-23	Note Entlmnt 23-03-2021 SPBI-0002514253	NOTE ENTLMNT	FILED	5
2021-03-23	Patent Request 23-03-2021 SPBI-0002514253	PATENT REQUEST	FILED	6
2021-03-23	SPEI-0004763468 - Main Document	CORRO IN	FILED	70

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

Voluntary amendments

Status	Request date	Request published date
Allowance date	Allowance published date	

Current Oppositions and Disputes

Completed Oppositions and Disputes

Re-examination

Court ordered amendments

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Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102727

The Commissioner of Patents has granted the above patent on 13 April 2022, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Yogesh Shrivastava of Galgotias College of Engineering and, Technology Greater Noida U.P India

Bhagat Singh of Jaypee University of Engineering and, Technology Guna M.P India

Akshay Jain of Poornima College of Engineering Jaipur R.J. India

Title of invention:

METHOD AND SYSTEM FOR DETERMINING HEAT AFFECTED ZONE DURING THE LASER BEAM
DRILLING OF HYBRID COMPOSITE

Name of inventor(s):

Shrivastava, Yogesh; Singh, Bhagat and Jain, Akshay

Term of Patent:

Eight years from 21 May 2021

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



Dated this 13th day of April 2022

Commissioner of Patents

PATENTS ACT 1990

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



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021107049

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

Name and address of patentee(s):

Pratik Ghutke of Assistant Professor, Department Electrical Engineering, Tulsiramji Gaikwad- Patil College of Engineering & Technology Nagpur Maharashtra India

Rahul Agrawal of Associate Professor, Department of Electrical Engineering, Sandip University Nasik Maharashtra India

Pravin Sonwane of Professor and Dy. Head (Academics) at Poornima College of Engineering Jaipur Rajashthan India

Title of invention:

A SOLAR POWER ENABLED AUTOMATED IRRIGATION SYSTEM AND METHOD

Name of inventor(s):

Ghutke, Pratik and Sonwane, Pravin

Term of Patent:

Eight years from 24 August 2021

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



Dated this 24th day of November 2021

Commissioner of Patents

PATENTS ACT 1990

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

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

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

Certain threats of infringement proceedings are always unjustifiable.

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

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

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

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

Application Details	
APPLICATION NUMBER	202111058880
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/12/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	ADVANCED ACCIDENT RESCUE IDENTIFIER USING ANDROID
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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Application Details	
APPLICATION NUMBER	202111058881
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/12/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	CRADLE SYSTEM PREVENTION APPARATUS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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Application Details	
APPLICATION NUMBER	202111058882
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/12/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	LOW COST DIY CEILING FAN COOLING ENHANCER ACCESSORY
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status	
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Application Details	
APPLICATION NUMBER	202111058879
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/12/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	DESIGN OF SMART DUSTBIN
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status	
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Application Details	
APPLICATION NUMBER	202111060486
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/12/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	EXPERIMENTAL INVESTIGATION IN SINTERED LIGHT WEIGHT AGGREGATE CONCRETE BY PARTIAL REPLACEMENT OF RIVER SAND WITH WASTE MARBLE SAND
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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Application Details	
APPLICATION NUMBER	202111050225
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/11/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	LIFELINE VOLUNTEERS - SMART ACCIDENT DETECTION & QUICK AMBULANCE SERVICES
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/12/2021
PUBLICATION DATE (U/S 11A)	03/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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Application Details	
APPLICATION NUMBER	202111050424
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	REAL TIME MONITORING SYSTEM FOR SCHOOL/ COLLEGE BUSES USING AVAILABLE WI-FI NETWORKS AND TRAVEL PREDICTION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/12/2021
PUBLICATION DATE (U/S 11A)	03/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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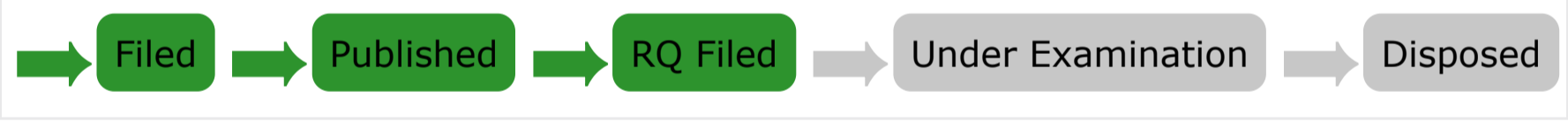


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Application Details	
APPLICATION NUMBER	202111050632
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	PERFORMANCE IMPROVEMENT OF ZEER POT (POT IN POT REFRIGERATOR) BY INSERTION OF METALLIC PARTICLES IN SAND
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/12/2021
PUBLICATION DATE (U/S 11A)	03/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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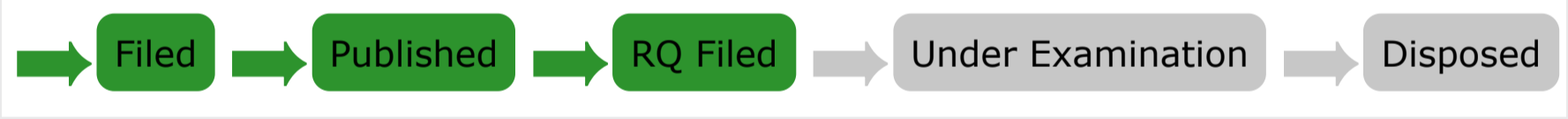
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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details	
APPLICATION NUMBER	202111050640
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2021
APPLICANT NAME	Poornima College of Engineering
TITLE OF INVENTION	PERFORMANCE IMPROVEMENT OF SAVONIUS TURBINE BY APPLICATION FLOATING PONTOON HYDROSTATIC BEARING (FPHB)
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/12/2021
PUBLICATION DATE (U/S 11A)	03/12/2021

Application Status	
APPLICATION STATUS	Application Awaiting Examination

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Application Details

APPLICATION NUMBER	202111050137
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/11/2021
APPLICANT NAME	1 . Prof. (Dr.) Mohammad Israr 2 . Dr Narayan Lal 3 . Dr. Anshul Gangele
TITLE OF INVENTION	NOVEL METHOD OF HOME AUTOMATION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ipr.pkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ipconstellation@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/11/2021
PUBLICATION DATE (U/S 11A)	12/11/2021

Application Status

APPLICATION STATUS	Application Awaiting Examination
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