



ST. ALOYSIUS' COLLEGE

AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-3

RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator – 3.1

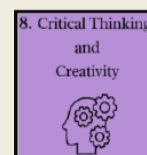
Promotion of Research and Facilities

Metric No.: 3.1.1

Research Promotion Initiatives

Document Name

Awareness Programme on Intellectual Property Rights





ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

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DST-FIST Supported & Star College Scheme by DBT.

Research Promotion Initiatives

3.1.1 Awareness Programme on Intellectual Property Rights

- Identifying and creating IP and bringing research results to the next stage of development have become institutional objectives. In this context, an institutional IP policy is a prerequisite for successful collaboration between academia and commercialization partners. An IP policy provides structure, predictability, and a beneficial environment in which enterprise and researchers can access and share knowledge, technology and IP.
- The College has an Incubation centre, for the development of innovation culture by organizing various kinds of programs such as ideation programs, collection of innovations from research undertaken in respect of academic, extension, extramural and outreach.
- Every major invention achieved out of conducting research shall be innovated and the same shall be incubated in the incubation centre which will be augmented from time to time.
- Students shall be allowed to select an incubated product and use the same to be developed in large scale through separately established start-up.
- All the training required for the students to become entrepreneurs shall be imparted
- The College shall incorporate an incubation centre that has all the facilities for incubating the innovations
- Every innovation shall lead to filing a Patent
- The college shall provide required support to the faculty for filing IPRs, patents and copyrights when it has been proved by the faculty that such a filing is necessary to protect the value of the research done.



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Programme on IPR

S. No.	Programme	Session
1.	Training Program on Intellectual Property Rights and Patenting: A New Vision"	2020 – 21
2.	National Webinar on Intellectual Property Rights: Patents and Design Process	2021 – 22
3.	Webinar on Intellectual Property Rights: Patent Design and Trademark	2021 – 22
4.	Webinar on Cognizance of Intellectual Property Rights for Aspiring Minds	2022 – 23
5.	Webinar on Driving Innovation, Viksit Bharat Through Patent and IPR	2023 - 24



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Training Program on Intellectual Property Rights and Patenting: A New Vision"





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DST-FIST Supported, Star College Scheme by DBT,
Jabalpur, MP, India.

NATIONAL TRAINING PROGRAM ON

"Intellectual Property Rights and Patenting : A New Vision"
Organized by: R&D Centre



Dr. Sudipta Banerjee
Senior Patent Attorney
P. S. Datar & Company, Kolkata.



R&D CENTRE



Mr. Parag M. More
M.Sc LL.M. Patent and Trademark
Attorney and IPR Consultant,
Founder of Intellectual Platform, Mumbai.

The term Intellectual Property implies to intellectual creativity such as invention, musical, literacy, symbol, design, name and ideas. IPR is a prerequisite for better identification planning and protection of invention or creativity. Patent is recognition to the form of IP manifested in invention and is granted for inventions which satisfy the requirements of novelty and utility under the stringent examination and opposition procedure prescribed in the Indian Patents Act, 1970. IPR and Patenting plays a key role in academic sector and thus an adequate legal framework for its process and protection is very much needed. The national training program on "Intellectual Property Rights and Patenting: A New Vision" offers a succinct but comprehensive account on IPR and patenting and its importance in industrial and scientific area.

DATE :18 & 19 November, 2020
TIME :13.30 - 15.00 hrs.

Day I Session : Intellectual Property Rights and Patenting
Day II Session : Criteria for Patenting and Relation with Research and Industry
Email: cri.sac.jbp@gmail.com



Training Platform



Chairperson
Rev. Dr. G. Vazhan Arasu,
Principal
St. Aloysius College, Jabalpur, MP.



Coordinator:
Dr. Manju Gupta
Department of Chemistry

Registration Link :
<https://forms.gle/9548Ny8n4yc8485e8>
Registration Details:
Fees :100/-
Beneficiary Name- Principal, St. Aloysius, College.
Credit Account No.-5201214000008
IFSC-CNR80005201
Canara Bank, Gorakhpur Jabalpur.
Account type- Current



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National Webinar on Intellectual Property Rights: Patents and Design Process



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NATIONAL WEBINAR

On

Intellectual Property Rights- Patent & Designs Process

organised by

Research & Development Centre

in Collaboration with

Rajiv Gandhi National Institute of Intellectual
Property Management, Nagpur



Resource Person
Dr. Bharat N. Suryawanshi,
Assistant Controller,
Patents and Design
RGNIIPM, Nagpur

Date: 28 October, 2021

Time: 11.00 AM-12.30 PM

Registration Link: <https://forms.gle/ZKPh6Q9wzRgFic19>

Joining Link: <https://rgniipm.webex.com/rgniipm/j.php?MTID=m653545a7e1d57d4c24ac652723fcc534>



Platform

Rev. Dr. G. Vazhan Arasu
Principal & Chairperson

Dr. Manju Gupta
Coordinator

Dr. Mamta Gokhale
Dr. Zareen Bakhsh
Organizing Secretaries



1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhya Pradesh, INDIA 482001

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Webinar on Intellectual Property Rights: Patent Design and Trademark



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NATIONAL WEBINAR

ON

INTELLECTUAL PROPERTY RIGHTS:

• PATENT DESIGN AND TRADEMARK •

Organised By: R & D Centre



Date: 17 September, 2021

Resource Person
MR. SUJOY SARKAR

Deputy Controller of Patent & Designs
The Patent Office, Kolkata
Ministry of Commerce & Industry,
Government of India

Time: 1:00 to 3:00 pm

Dr. Manju Gupta
Coordinator

Rev. Dr. G. Vazhan Arasu
Principal & Chairperson

Dr. Zareen Baksh
Organizing Secretary

Registration Details:

Registration Fees: 10/-

Mode of Payment: Google Pay or Paytm

Beneficiary Name: Dr. Manju Gupta

Contact Number: 9479638673

<https://forms.gle/1BUy2VWV6fT6rVeo9>

Registration Link:

Scan the QR code
for registration





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Webinar on Cognizance of Intellectual Property Rights for Aspiring Minds



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NATIONAL WEBINAR

on

COGNIZANCE OF INTELLECTUAL PROPERTY RIGHTS FOR ASPIRING MINDS

Resource Person



MR. AMOL R. PATIL

Examiner, Patent &
Design, Indian Patent
Office, Mumbai

(ONLY FOR STUDENTS)

organised by

R & D Centre and IIC

in collaboration with

Indian Patent and Trade Marks Office, Mumbai



Rev. Dr. G. Vazhan Arasu
Principal & Chairperson

Dr. Manju Gupta
Coordinator

Dr. Mamta Gokhale
Organizing Secretary

Date: 31 March, 2023

Time: 12.00 Noon-1.00 PM

Registration Link: <https://forms.gle/vPMniPVcySqWYQwK9>

Note: E-Certificate will be provided to all participants





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Webinar on Driving Innovation, Viksit Bharat Through Patent and IPR



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NATIONAL WEBINAR

on

DRIVING INNOVATION, VIKSIT BHARAT

Resource person

THROUGH PATENT AND IPR



in collaboration with

Indian Patent and Trade Marks Office, Mumbai



Date: 1st March, 2024

Time: 12:00 noon to 1:30 pm

Jitendra Kumar Choure(M.tech,
NIT Bhopal)

Assistant Controller of Patent and
Design,
Mumbai Patent Office

Rev. Dr. Vazhan Arasu
Principal and chairperson

Dr. Manju Gupta
(Coordinators)
Dr. Rumana Faraz
(Organizing Secretary)
(R&D Cell, IIC)

Registration link: <https://forms.gle/EPqSKkgwYyHPP7kBA>

Note: E-certificate will be provided to all participants



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Patents



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S. No.	Patent	Faculty	Year
1.	A Novel Robotic Process Automated Patient Carrier for Operation Theatre	Dr. Nidhi Khurana	2020
2.	Aarogya- A Novel Mobile Application Based Empowering Telemedicine	Dr. Nidhi Khurana	2020
3.	Customer Requirement Detecting Device for shopping mall	Dr. Rupali Ahluwalia, Dr. Tarvinder Kaur & Dr. Sonal Rai	2022
4.	A Multipurpose Herbal Composition and Method for Producing the Same	Dr. Dayashankar Gautam & Dr. Mamta Gokhale	2022
5.	Biosensors Equipped Lung Cancer Detecting Device	Mrs. Kajal Mahawar	2023
6.	Implementing Smart Process in the Physics of the Schottky Barrier Height	Dr. Pramod Chaitanya	2023
7.	Solar Powered Medicinal Plant Extractor	Dr. Laxmi Kant Pandey	2024



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Dr. Nidhi Khurana

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202051050942 A
(19) INDIA	
(22) Date of filing of Application :23/11/2020	(43) Publication Date : 11/12/2020
(54) Title of the invention : A NOVEL ROBOTIC PROCESS AUTOMATED PATIENT CARRIER FOR OPERATION THEATRE	
(51) International classification :H25F9/16	(71) Name of Applicant: 1)Prof Ramesh Chandra Panda Address of Applicant: Dean Research & Development Cell, Synergy Institute of Engineering & Technology Dhenkanal Odisha, India - 759001. 2)Dr. Mujahid Javed Siddiqui 3)Dr. Pranati Rakshit 4)Dr. S Ramachandran 5)Mr. Subash Ranjan Kabat 6)Dr. Saurabh Dubey 7)Dr. Aruna Chhikara 8)Dr. Chandrabhushan Malla 9)Dr. Nidhi Khurana 10)Dr. Aaliyah Siddiqui 11)Dr. P Karthigeyan
(31) Priority Document No :NA	
(32) Priority Date :NA	
(33) Name of priority country :NA	
(86) International Application No Filing Date :NA	
(87) International Publication No :NA	
(61) Patent of Addition to Application Number Filing Date :NA	
(62) Divisional to Application Number Filing Date :NA	
(57) Abstract: Robotic Process Automated (RPA) as shown in fig (1) could be a modern wave of future technologies. This invention possess a novel robotic Process automated compact patient carrier for operation theatre integrated with an automated magnetic guided vehiclecontrolled mechanism with an automatic temperature-controlled patient-support surface. This invention is fitted with 4 wheels, 4DC motors with L298 Bridge is controlled as shown in fig (2). by Arduino control. The DC Motor provided is the preeminent usually utilized actuator for making tireless improvement and whose speed of turn can easily be measured, assemble them idealize for utilization where speed regulator, servo sort control, and/or arranging is mandatory as A DC motor comprises two portions, a Stator* which is the fixed section, and a Rotor* which is the turning parcel. With the assistance of Android Kit or mobile phones, the development of beds can be handled by utilizing IoT over this framework Automated magnetic guided vehicle mechanism is fitted with this invention for defined motion of compact patient carrier. An MGS1600 magnetic guide sensor, and one of dual channel motor controllers fitted for automatic guided motion. Magnetic Track Guiding is easy to lay, change, passive support and invisible. The integrated 4-wheel driving chassis design is the simplest, coarse and reversible. A 400W steering AC Induction motor and 1400 W DRIVE dc drive induction motor for steering and drive mechanism fitted separately. robotic MGS1600 magnetic guided sensor. Obstacle detection can be done using ultrasonic sensors as shown in fig (3).	
No. of Pages: 14 No. of Claims: 7	





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Dr. Nidhi Khurana

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202031051873 A

(19) INDIA

(22) Date of filing of Application :28/11/2020

(43) Publication Date : 11/12/2020

(54) Title of the invention : AAROGYA - A NOVEL MOBILE APPLICATION BASED EMPOWERING TELEMEDICINE

(51) International classification :A61B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Prof Ramesh Chandra Panda

Address of Applicant :Dean Research & Development Cell
Synergy Institute of Engineering &
Technology,Dhenkanal,Orissa-759001

2)Dr. Saurabh Dahiya

3)Dr. Mujahid Juned Siddiqui

4)Dr. Pranati Rakshit

5)Dr. Chandrabhanu Malla

6)Dr.Nidhi Khurana

7)Mr. Subash Ranjan Kabat

8)Dr. Aruna Chhikara

9)Dr. Aaliyah Siddiqui

10)Dr P Karthigeyan

(72)Name of Inventor :

1)Prof Ramesh Chandra Panda

2)Dr. Saurabh Dahiya

3)Dr. Mujahid Juned Siddiqui

4)Dr. Pranati Rakshit

5)Dr. Chandrabhanu Malla

6)Dr.Nidhi Khurana

7)Mr. Subash Ranjan Kabat

8)Dr. Aruna Chhikara

9)Dr. Aaliyah Siddiqui

10)Dr P Karthigeyan

(57) Abstract :

Aarogya is a mobile app designed and developed with the notion of providing health consultation at no cost. This mobile is an interface between medical practitioners, doctors association, social activists and the public. Top most health professionals like doctors in various universities, hospitals, and other medical practitioners are networked into this mobile app. This app is feature with several menu options, for patient registration, choice of doctor selection, getting an appointment with the doctor, medical prescription, and generation of pathology lab reports, diagnosis report, feedback, and video conferencing option. The app is accessible by both Google's Android and Apples iOS based smart phones. The primary focus is providing free and remote health assistance to the public who are from deprived society, semi urban, rural dwellers, the scheduled caste and the scheduled tribe and also extended to the urban and to the entire public as This app becomes the solution for prevention and cure for health related issues with the app service provided to the public 24 X 7. Post the consultation, patients can provide the feedback about their satisfaction level based on their health improvement.

No. of Pages : 6 No. of Claims : 7

The Patent Office Journal No. 50/2020 Dated 11/12/2020

61864



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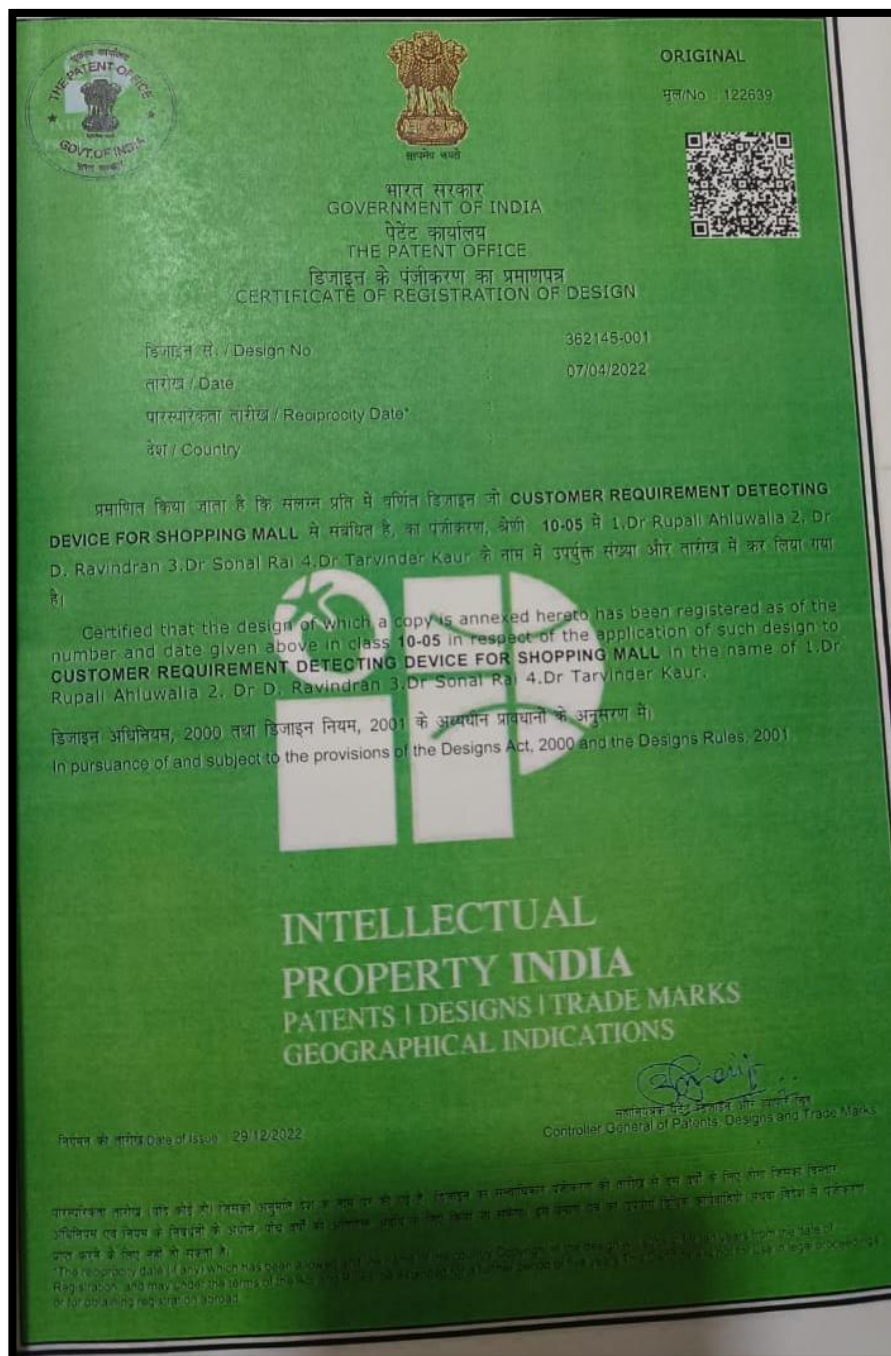
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Dr. Rupali Ahluwalia, Dr. Tarvinder Kaur & Dr. Sonal Rai





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Dr. Dayashankar Gautam & Dr. Mamta Gokhale

		क्रमांक : 022119976 SL No :
INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)	
पेटेंट सं. / Patent No.	:	407201
आवेदन सं. / Application No.	:	202021011849
फाइल करने की तारीख / Date of Filing	:	19/03/2020
पेटेटी / Patentee	:	1.Dr. (Mrs.) Mamta Gokhale 2.Dr. (Mr.) Sardul Singh Sandhu
आविष्कारक (जहां लागू हो) / Inventor(s)	:	1.Dr. (Mrs.) Mamta Gokhale 2.Dr. (Mr.) Sardul Singh Sandhu 3.Dr. (Mr.) Dayashankar Gautam 4.Ms. Radha Gupta
<p>प्रमाणित किया जाता है कि पेटेटी को, उपरोक्त आवेदन में यथाप्रकरित A MULTIPURPOSE HERBAL COMPOSITION AND METHOD FOR PRODUCING THE SAME नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2020 के उन्नीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled A MULTIPURPOSE HERBAL COMPOSITION AND METHOD FOR PRODUCING THE SAME as disclosed in the above mentioned application for the term of 20 years from the 19th day of March 2020 in accordance with the provisions of the Patents Act, 1970.</p>		
		
अनुदान की तारीख : Date of Grant :	:	21/09/2022
		
नोट - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2022 के उन्नीसवें दिन को और उसके परवाह 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 19 th day of March 2022 and on the same day in every year thereafter.		



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Mrs. Kajal Mahawar

  **ORIGINAL**
मूल/No : 134491

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 379776-001
तारीख / Date : 21/02/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BIOSENSORS EQUIPPED LUNG CANCER DETECTING DEVICE** से संबंधित है, का पंजीकरण, श्रेणी **24-01** में 1.Dr. Sachinkumar Dnyaneshwar Gunjal 2. Ashish Jaiswal 3.Kajal Mahawar 4.Ms. Linda Xavier 5.Dr. Meenakshi Bharkatiya 6.Mr. Amol Jadhav 7.Bandu Pawar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **24-01** in respect of the application of such design to **BIOSENSORS EQUIPPED LUNG CANCER DETECTING DEVICE** in the name of 1.Dr. Sachinkumar Dnyaneshwar Gunjal 2. Ashish Jaiswal 3.Kajal Mahawar 4.Ms. Linda Xavier 5.Dr. Meenakshi Bharkatiya 6.Mr. Amol Jadhav 7.Bandu Pawar.

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

**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 04/05/2023
माननीय पेटेंट डिजाइन और वाक्यें विभाग
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सार्वजनिक पंजीकरण की तारीख से दस वर्षों के लिए सेवा निरंतर निरंतर, अधिनियम एवं नियम के निबंधों के अधीन, चौब वर्षों की अधिकतम अवधि के लिए किया जा सकता है। इस प्रमाण पत्र का उपयोग विधिक कार्यवाही में अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



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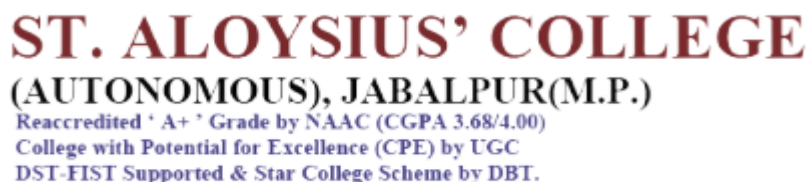
Dr. Pramod Chaitanya



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	202321022453
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/03/2023
APPLICANT NAME	1 . Dr. Nikhil Ranjan Jha 2 . Dr. Rajendra Kumar Kuraria 3 . Dr. Rinkesh Bhatt 4 . Dr. Sapana Singh 5 . Dr. Pramod Chaitanya 6 . Dr. Vivek Kumar Sonwane
TITLE OF INVENTION	Implementing smart process in the physics of the Schottky barrier height
FIELD OF INVENTION	COMMUNICATION
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ADDITIONAL-EMAIL (As Per Record)	info@rfiindia.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/04/2023



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[illegible]